



CELEBRIS

Innovative Ground Handling Software

User's Manual

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Celebris

Innovative Ground Handling Software

CELEBRIS is a state of the art solution to meet the specific needs of ground handling companies. It combines Flight Information Management, Service and Operations Management, Resource Planning, Contract Management, Invoice Management and Quality Management facilities in a single system. The fine architecture and design save on costs, offer unlimited flexibility and aid decision support.

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Part



1 Introduction

1.1 Welcome

This is the official Celebris User's Manual.

User's Manual is intended to provide basic information about Celebris and its work flow. Screen shot images are used extensively to make the document more readable and easy to understand.

1.2 About Modernus

Modernus Software Communication Consulting and Trade Limited Company, founded in 2006, with a team of over 10 years of high-tech experience in enterprise software development and know how in Advanced Software Technologies, Investment Banking, Finance, Reinsurance, Aviation and Airport Ground Handling, E-Business and E-Commerce, supplies application frameworks and infrastructures for multi tiered enterprise applications; open standards based high-tech, high quality, platform independent, flexible, scalable, robust enterprise solutions on demand; mobile applications; project management and training services and consultancy in software architecture and in software development processes such as requirements and systems analysis, systems design, development, testing, production and legacy systems or third party systems integration.

Modernus Software is the proud producer of Celebris.

www.modernus.com.tr

Part



2 General Information

Celebris is developed on top of a framework which makes all of the windows share the same principles and usability. In this general usage information section, the shared characteristics of all screens in Celebris will be documented.

2.1 Context Menu

The context menu is active in the data entry windows. It can be reached as a toolbar:



Or as a context sensitive menu that shows up by using right mouse click:

First Record	F9
Previous Record	F10
Next Record	F11
Last Record	F12
<hr/>	
New	Ctrl+N
Save	Ctrl+S
Delete	
<hr/>	
Clear Screen	
Query By Example	F5
<hr/>	
Copy Rows	
Paste Rows	
Update Cache	Ctrl+U

Let us define each of the elements in the context menu:

Name	Icon	Shortcut	Description
First Record		F9	For single-record data entry screens, this retrieves the first record (according to the key of that window) from the database. For lists, it goes to the first item in the current list window (without issuing a new retrieval).
Previous Record		F10	For single-record data entry screens, this retrieves the previous record (according to the key of that window) from the database. For lists, it goes to the previous item in the current list window (without issuing a new retrieval).
Next Record		F11	For single-record data entry screens, this retrieves the next record (according to the key of that window) from the database. For lists, it goes to the next item in the current list window (without issuing a new retrieval).
Last Record		F12	For single-record data entry screens, this retrieves the last record (according to the key of that window) from the database. For lists, it goes to the last item in the current list window (without issuing a new retrieval).
New		Ctrl+N	Inserts a new empty record to the screen.
Save		Ctrl+S	Saves the changes that were made to the current window.
Delete			Deletes the current row from the screen and from the database.
Clear Screen			Clears the contents of the screen. Especially useful in list-like entry windows.

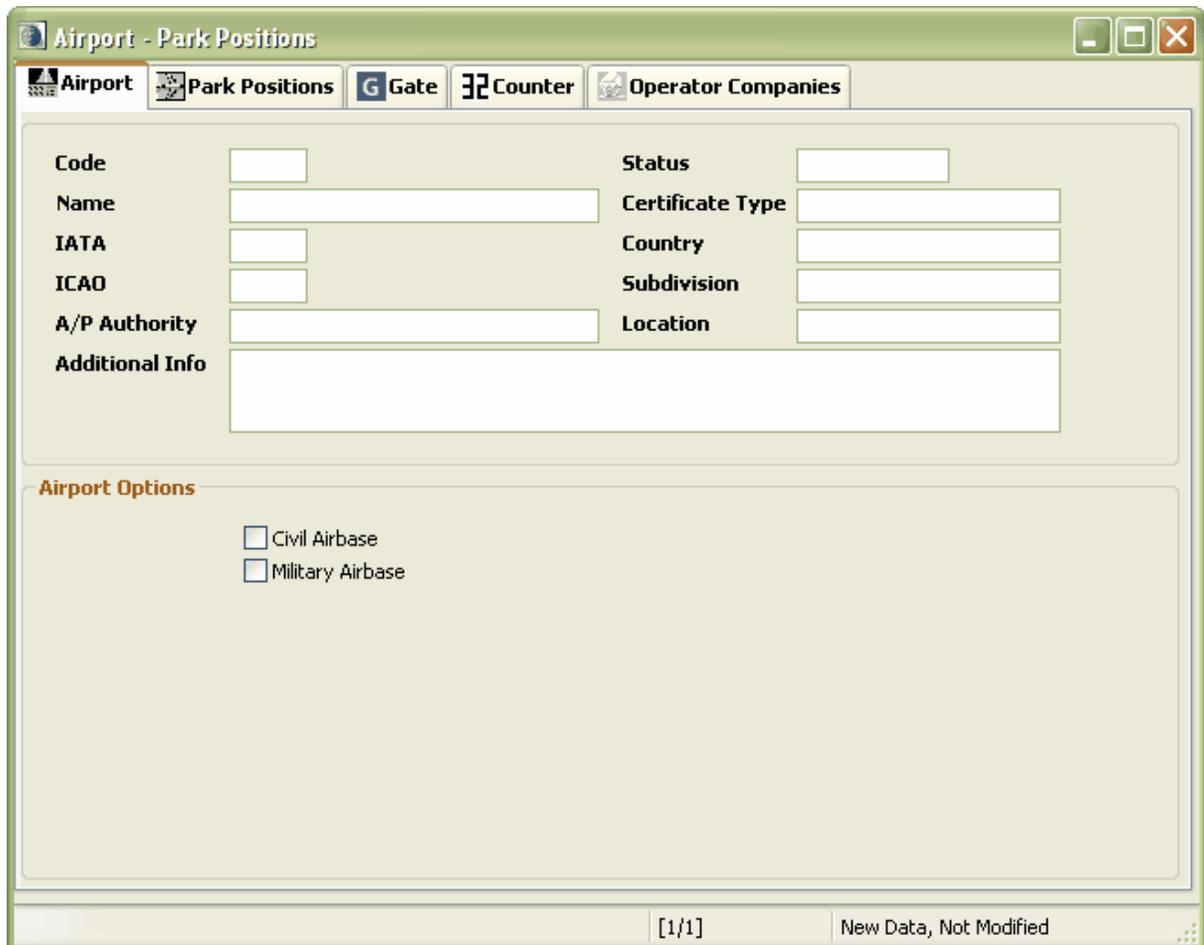
Query By Example		F5	Initiates query by example record finding method. For details see Query By Example .
Copy Rows			Copies the selected rows to the windows clipboard in a tab-delimited text format.
Paste Rows			Pastes the previously selected rows to the current window. It is enabled only if the copied rows are from the same window.
Update Cache		Ctrl+U	Updates local client cache.
Exit			Ends the user's Celebris session.

2.2 Query By Example

In Celebris, there is a utility called Query By Example (QBE) that exists in all of the data entry screens. The utility is initiated by pressing F5 or by choosing Query By Example from the context menu.

What query by example does is that the user enters some information (some clue) for the record that he/she wants to find. Then the system generates an appropriate command to find the record with the available information input by the user.

Let's give some examples from the airport screen. The airport screen looks like the following when we first open it:



The screenshot shows a software window titled "Airport - Park Positions". The window has a menu bar with "Airport", "Park Positions", "Gate", "Counter", and "Operator Companies". The main content area is a form with the following fields:

- Code: []
- Name: []
- IATA: []
- ICAO: []
- A/P Authority: []
- Additional Info: []
- Status: []
- Certificate Type: []
- Country: []
- Subdivision: []
- Location: []

Below the form is an "Airport Options" section with two checkboxes:

- Civil Airbase
- Military Airbase

At the bottom of the window, there is a status bar with "[1/1]" and "New Data, Not Modified".

Lets say we want to find an airport in Honduras, but we can't remember the code of the airport for the moment. We choose HN in the country box and then we press F5:

Code **Status**

Name **Certificate Type**

IATA **Country**

ICAO **Subdivision**

A/P Authority **Location**

Additional Info

Airport Options

Civil Airbase

Military Airbase

First Record F9

Previous Record F10

Next Record F11

Last Record F12

New Ctrl+N

Save Ctrl+S

Delete

Clear Screen

Query By Example F5

Copy Rows

Paste Rows

Update Cache Ctrl+U

* [1/1] New Data, Modified

Celebris searches the airport database to find the airports in Honduras. The number of airports found is more than one. Since the airport window can display only one airport at a time, the system displays the information of the found airports as a list at the following record selection window:



Now we can double click on a row to select and display it at the airport screen. It is always possible to press ESC to cancel selection. Lets say we double clicked on the RTB airport:

The screenshot shows a software window titled "Airport - Park Positions" with a menu bar containing "Airport", "Park Positions", "Gate", "Counter", and "Operator Companies". The main area contains a form with the following fields:

Code	RTB	Status	In Use
Name	Roatan	Certificate Type	IATA + ICAO
IATA	RTB	Country	HN - Honduras
ICAO	MHRO	Subdivision	
A/P Authority		Location	
Additional Info	Roatan		

Below the form is a section titled "Airport Options" with two checkboxes:

- Civil Airbase
- Military Airbase

At the bottom of the window, there is a status bar showing "[1/1]" and "Existing Data, Not Modified".

For a single result selection example, if we knew the airport code, we could directly enter it in the Code area and then press F5 to initiate the QBE. Since the airport codes are unique, the search would return only one row. No further selection would be necessary and the record would directly be shown in the screen.

There are some special characters that we can use in the QBE search.

- _ This underscore character can be used to specify any character (one and only one character)
- % This percent sign can be used in place of any number of arbitrary characters (zero or more characters)

Lets consider the following example:

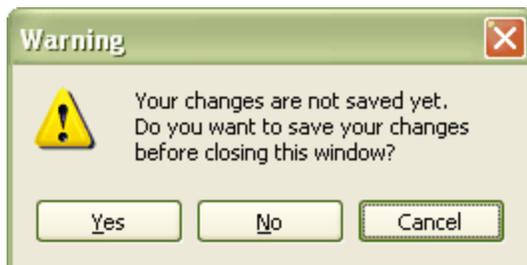


So, when we are uncertain how to find what we want, we can use the joker characters to construct a flexible search.

This QBE system exists at all of the Celebris screens.

2.3 Window Actions

If an updated window is trying to be closed by the user, then the system asks whether the user wants to save the contents?



Choosing yes will save and close the window, choosing no will not save and close the window, choosing cancel will not save but not close the window.

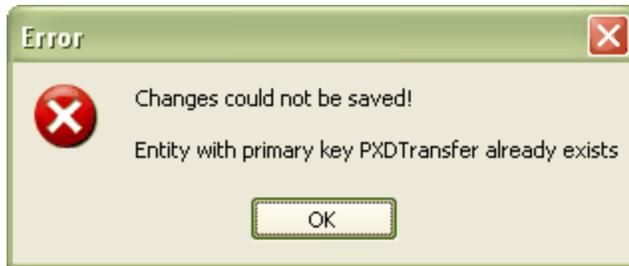
When we choose save from the context menu (or press Ctrl+S) :



Choosing yes will save, no will abort the save operation. If everything goes smoothly and the content is saved, this window is displayed:



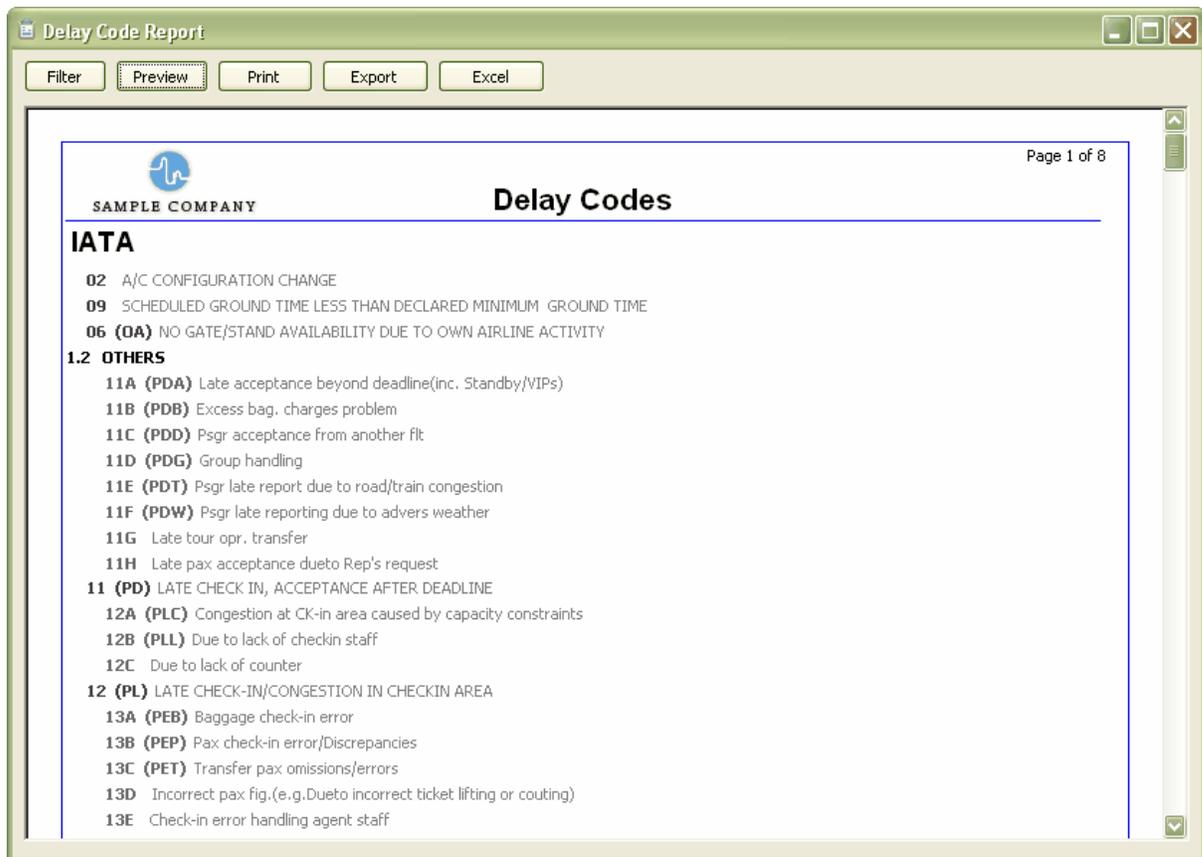
If not, then this window with the extra error information will be displayed:



Of course the extra error information can vary according to the context.

2.4 Reports Base

In Celebris, all reports are inherited from a base report container. To illustrate the report window usage, let's consider the following delay codes report as an example:



In all of the reports, on the left, there is the Filter button. Pressing the Filter will open the filter window and will let us enter the desired report criteria. After a selection is made in the filter and the report is shown on the screen, pressing the Filter button again will reopen the filter window with the previously entered filter values remembered.

The Preview button is used to switch between the print preview and normal viewing modes. In the print preview mode, there is a blue box meaning the paper edge when this report is printed.

Pressing the Print button will send the contents of this report to the default windows printer.

Pressing Export will allow us to export the contents of this report into other popular formats. Amongst those popular formats are:

- PDF
- Excel
- Text, CSV
- Dbase
- XML
- XSL-FO
- HTML
- SQL
- Saved Report (enables to save the reports with the current contents).

The Excel button transfers the contents of the current report to Microsoft Excel in a WYSIWYG (what you see is what you get) formatted way. It is different from the Export button since the export option saves the contents as an excel file in an unformatted way while this button saves the contents in the formatted way.

In some reports, there is also an HTML-Excel button to transfer the report contents to the Excel through the HTML import utility of MS Excel. Such reports are prepared with extra caution so that the html export produces a what you see is what you get (wysiwyg) image of the original report.

Part



3 Security

In Celebris all the authentication and authorization schema can be specified by an administrator. A user and password based authentication and a flexible role based authorization system is used.

3.1 Authorization Nodes

Authorization nodes are the objects that require a certain role to be accessed. The authorization nodes are defined by Celebris system administrators according to the reported needs of the customers.

ID	Description	Blk	Node Name	Process Flow	State 1	State 2
67	Landings Window	<input type="checkbox"/>	w_main.m_tanimilar.m_flightinfo.m_landings			

Required Roles (OR)

- oprclerk
- accclerk

Options

Server Resources

Client Resources

Block Flags

Make Invisible

Disable

[1/1] Existing Data, Not Modified

Any object can be defined as an authorization requiring node including the client side menu items, windows, tab pages in the windows, command buttons etc. and the server side objects like certain functions and processes.

The required roles for this node are also defined at this screen. The user should have at least one of the defined required roles in order to access this node (optimistic approach).

If a user does not have a required role to access a node, then that node is blocked for that user. A blocked client node can be chosen to appear invisible or disabled to that user on the screen.

3.2 Role

ROLE	Description
opradmin	Operation Administrator
oprclerk	Operation Clerk

ITEMS that require this ROLE
Tanımlar Mönüsü
Tanımlar Mönüsü - Fiyatlandırma Alt Mönüsü
Rapor Mönüsü
Uçuş Planı Tanım Ekranı
Landings Window
Tanımlar Mönüsü - SITA Alt Mönüsü
Ground Servis Form Tanım Ekranı

User Groups having this Role
administrators
sales_n_marketing
opradmins
oprclerks
qltadmin

[5/7] Existing Data, Not Modified

The roles in the system are defined using this window. Items that require the defined roles can also be specified using the authorization nodes window. Finally on the right side of the window are the user groups that have this role (which can be defined using the user groups window as well).

3.3 User Groups

The screenshot shows a window titled "User Groups" with a standard Windows-style title bar (minimize, maximize, close buttons). The window content is divided into two main sections. The top section contains three labeled input fields: "Group ID" (empty), "Group Name" (containing the text "opradmins"), and "Description" (containing the text "Operation Administrators Group"). The bottom section is titled "Assigned Roles" and contains two list items: "opradmin" and "oprclerk", each with a small mouse cursor icon to its left. At the bottom of the window, there is a status bar with the text "[1/1]" on the left and "Existing Data, Not Modified" in the center, followed by a small icon on the right.

The user groups and the assigned roles can be defined at this window.

3.4 System User

System User

User Details

User Id	27
Login Name	gdemir
Password	*****
Last Login	19/11/2007 00:59:56
Login Count	2102
Status	Active

User Options

- Normal User
- Special User

User Groups

- administrators

[1/1] Existing Data, Not Modified

The system users can be defined using this screen. The information that needs to be defined is the login name, password, and the assigned user groups. Only system security officers can define a system user.

3.5 Change Password Utility

Change password utility is located at the File menu.



The screenshot shows a dialog box titled "Change Password" with a standard Windows-style title bar (minimize, maximize, close buttons). The dialog contains a section labeled "Parameters" with three text input fields: "Old Password", "New Password", and "Re-enter New". A "Change" button is located at the bottom right of the dialog.

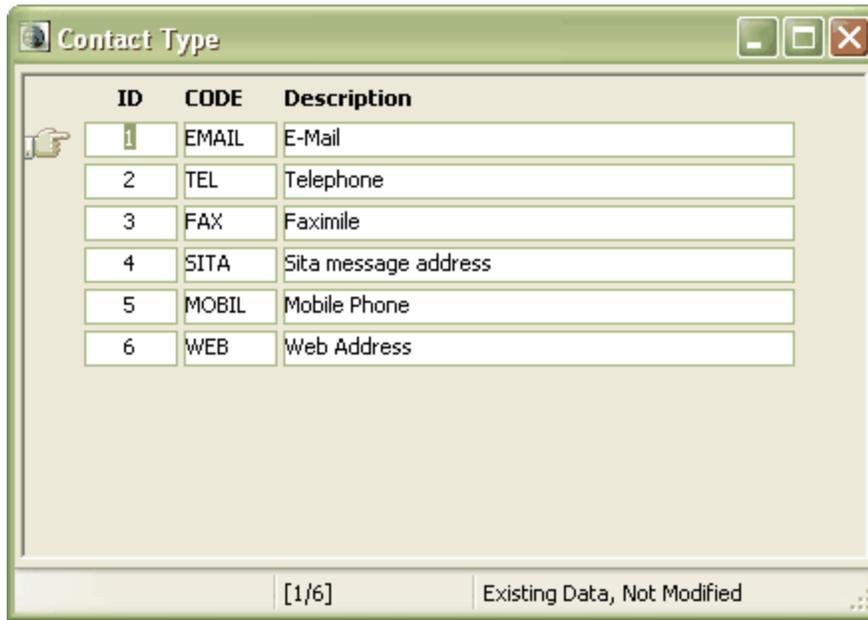
Any user can change his or her own password after logging on to the system. The old password is asked for additional security purposes.

Part



4 Base Definitions

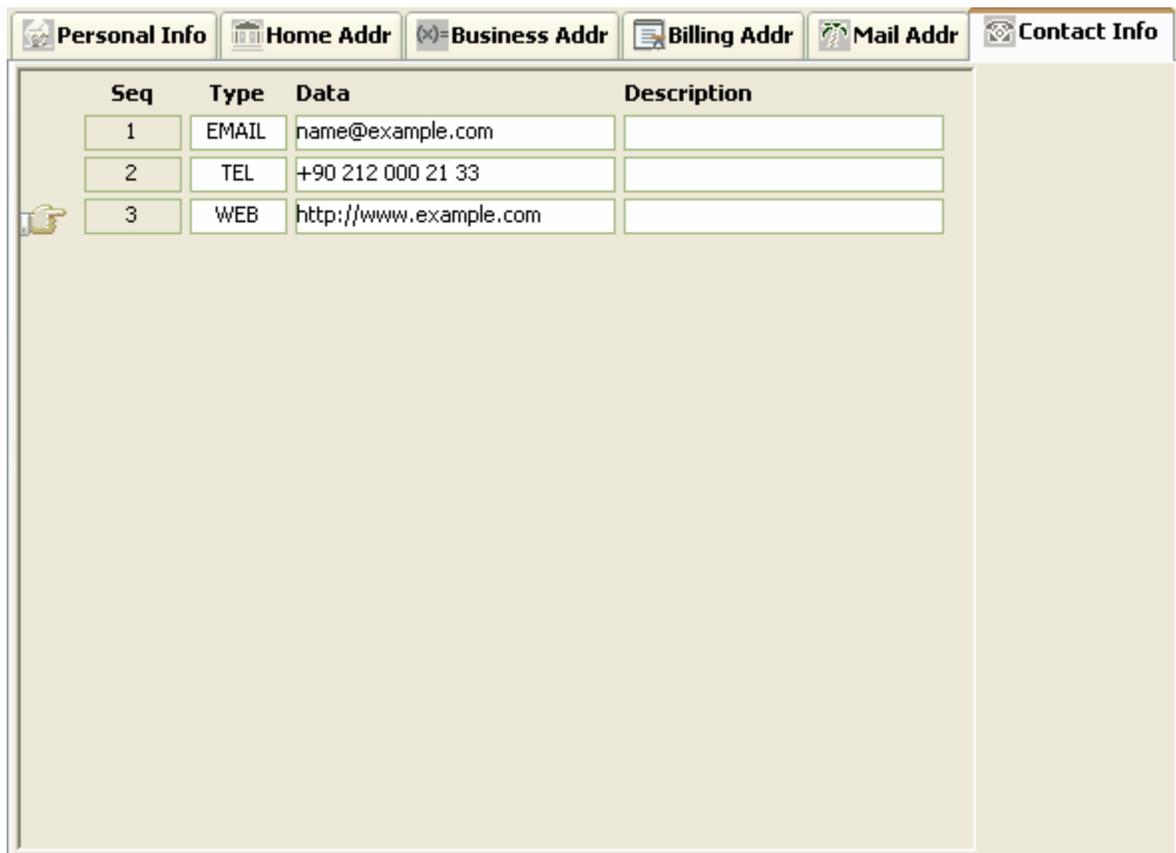
4.1 Contact Type



ID	CODE	Description
1	EMAIL	E-Mail
2	TEL	Telephone
3	FAX	Faximile
4	SITA	Sita message address
5	MOBIL	Mobile Phone
6	WEB	Web Address

In Celebris, it is possible to define an arbitrary list of contact types. Some predefined contact types like EMAIL, TEL, FAX, SITA, MOBIL and WEB will be recognized by the system whereas the other additional user-defined contact types can anytime be used for informative purposes.

4.2 Contact Information Tab



The screenshot shows a software interface with a tabbed menu at the top. The tabs are: Personal Info, Home Addr, Business Addr, Billing Addr, Mail Addr, and Contact Info. The 'Contact Info' tab is selected and active. Below the tabs is a table with the following data:

Seq	Type	Data	Description
1	EMAIL	name@example.com	
2	TEL	+90 212 000 21 33	
3	WEB	http://www.example.com	

Contact information is a general purpose entity that can be linked to the definition of several entities like a person, a company etc. In the sample screenshot, we see a contact information tab for a person definition. In the contact information tab, any previously defined [contact type](#) can be used.

4.3 Country - Subdivision - Location

Country - Subdivision - Location

Code	Country Name	Native Name	Tel. Code
HN	Honduras	Honduras	

Code	Subdivision Name	Native Name	Timezone
GN	General Subdivision	Genel Bölge	

Code	Location Name	Native Name	Status	Reference Date (UTC)	IATA Code	Parallel	Meridian
AHS	Auas	Auas	AI	01/12/2002	AHS	1529	-8420
AMP	Amapala	Amapala	AI	01/01/1994			
BHG	Brus Laguna	Brus Laguna	AI	01/01/1996	BHG		
CAA	Catacamas	Catacamas	AI	01/01/2000	CAA		
CDD	Cauquira	Cauquira	AI	01/01/2000	CDD		
CHO	Choloma	Choloma	RQ	01/01/1995			
CHT	Choluteca	Choluteca	RL	01/01/2002		1317	-8711
CHU	Chumbagua	Chumbagua	RL	01/07/2003		1514	-8830

[1/1] Existing Data, Not Modified

Country, subdivision and location information are defined at this screen. The data of this screen is pre-populated by the import of [United Nations locode database](#). However, later modifications are possible.

4.4 Currency - Using Countries



Currencies together with using countries can be defined using this screen. The currency data is pre-filled using the [United Nations currency database](#). However, making later modifications using this screen is possible.

4.5 Country - Used Currencies

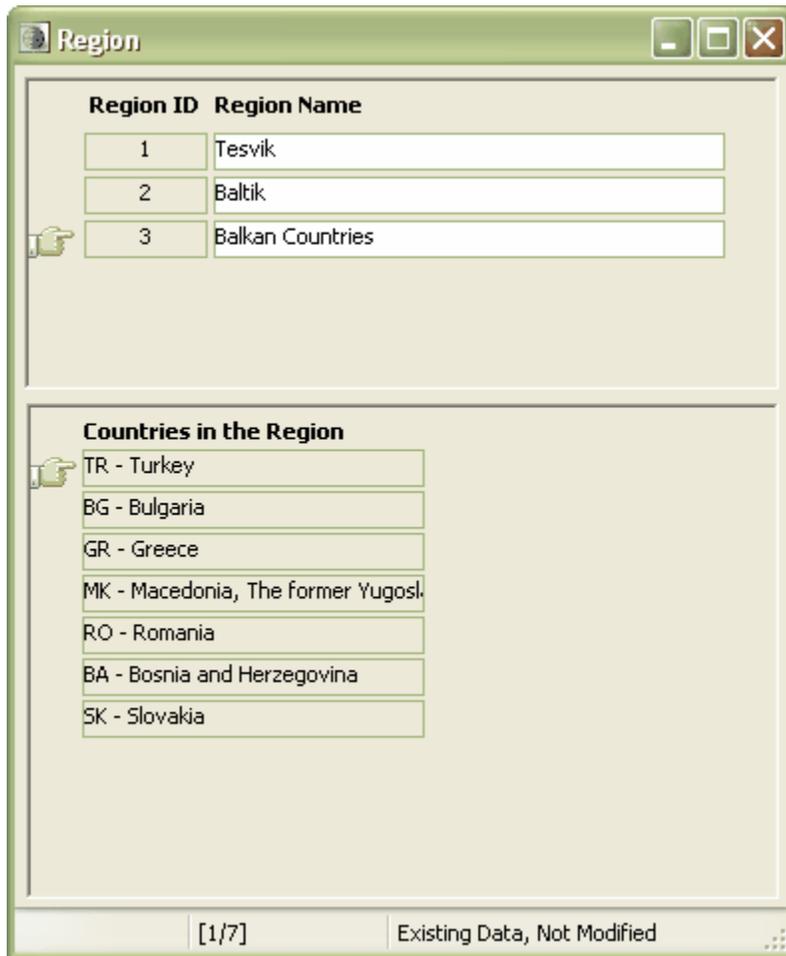
Code	Country Name	Native Name	Tel. Code
HN	Honduras	Honduras	
TR	Turkey	Turkey	

Used Currencies
HNL - Lempira

[1/2] Existing Data, Not Modified

This screen can be used for both country data entry and for tracking which currencies are in use at that country.

4.6 Region



The screenshot shows a window titled "Region" with a table of regions and a list of countries in the selected region.

Region ID	Region Name
1	Tesvik
2	Baltik
3	Balkan Countries

Below the table, there is a section titled "Countries in the Region" with a list of countries:

- TR - Turkey
- BG - Bulgaria
- GR - Greece
- MK - Macedonia, The former Yugosl.
- RO - Romania
- BA - Bosnia and Herzegovina
- SK - Slovakia

At the bottom of the window, there is a status bar showing "[1/7]" and "Existing Data, Not Modified".

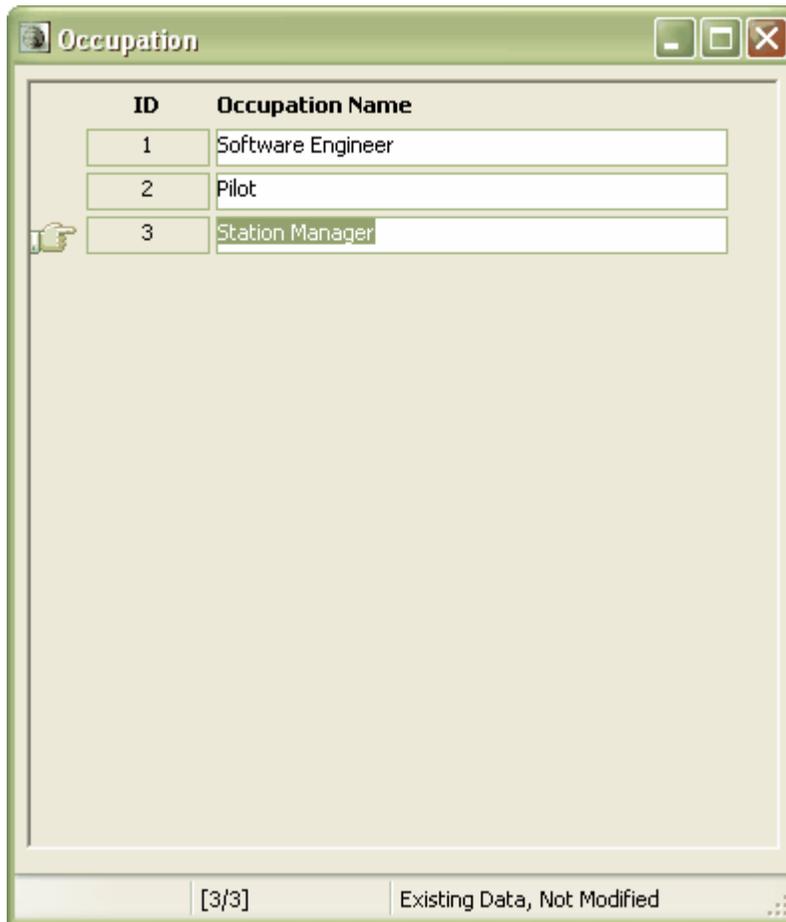
Regions can be defined using this screen. A region is a group of countries. A region can be used as a context variable in the price calculations formulas or for reporting purposes.

4.7 Address

Personal Info	Home Addr	Business Addr	Billing Addr	Mail Addr	Contact Info
ID	7260				
Country	TR - Turkey				
Subdivision	34 - Istanbul				
Location	BCE - Buyukcekmece				
Address Lines	Beykoop 1. Bol 4. Cad				
	Funda 2 Blok K:4 D:20				
	Guzelyurt Mah.				
Postal Code	34520				
Neighborhood	Yakuplu Beldesi				
	<input type="checkbox"/> Private Address				
	<input checked="" type="checkbox"/> Business Address				
	<input type="checkbox"/> Postal Address				

This tab represents the address entity which can be linked to any entity's definition that can have an address. One entity may be linked to more than one address definitions. the above screenshot, a person's business address information is displayed as an example. The person definition contains home address, billing address and mailing address as well, which are all address entities linked to the person entity. All the address entities have the same fields for definition.

4.8 Occupation

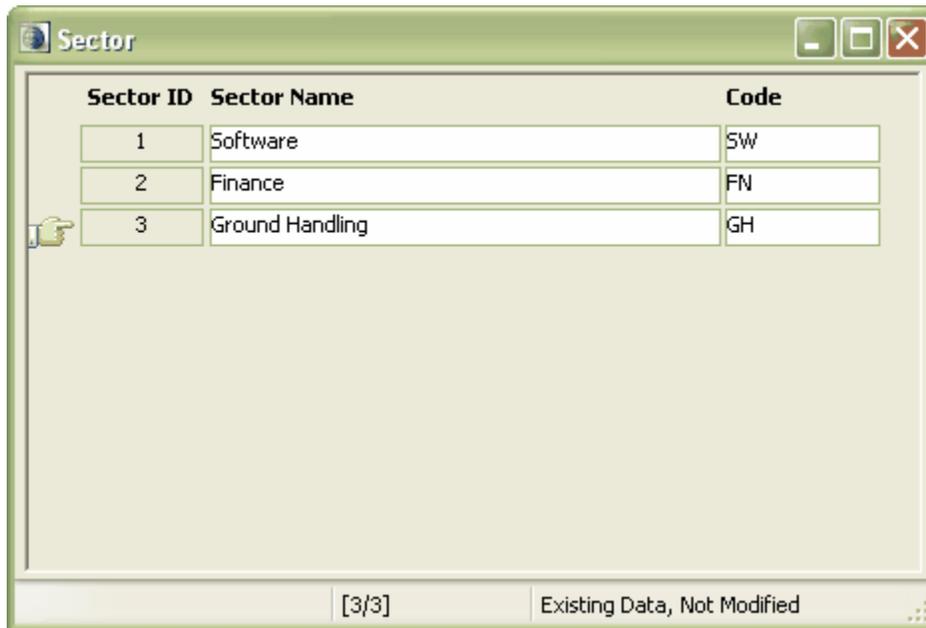


The screenshot shows a window titled "Occupation" with a table containing three rows. The first row has ID 1 and Occupation Name "Software Engineer". The second row has ID 2 and Occupation Name "Pilot". The third row has ID 3 and Occupation Name "Station Manager". A mouse cursor is pointing at the third row. The status bar at the bottom indicates "[3/3]" and "Existing Data, Not Modified".

ID	Occupation Name
1	Software Engineer
2	Pilot
3	Station Manager

Occupations can be defined at this screen. An occupation is used in person detailed information definition.

4.9 Sector



Sector ID	Sector Name	Code
1	Software	SW
2	Finance	FN
3	Ground Handling	GH

[3/3] Existing Data, Not Modified

Sector definitions are made at this screen. The sector definition is used as a part of a company definition.

4.10 Person

The screenshot shows a software window titled "Person" with a tabbed interface. The "Personal Info" tab is active. The form contains the following fields and options:

- ID:** 1
- Name:** Gokhan
- Middle Name:** (empty)
- Surname:** Demir
- Sex:** Male
- Birthdate (utc):** 26/03/1970 09:00
- Sector:** (empty)
- Occupation:** (empty)
- Country of Birth:** TR - Turkey
- Subdivision of Birth:** 10 - Balikesir
- Nationality:** TR - Turkey
- Tax Office:** (empty)
- Tax No:** (empty)
- Additional Info:** (empty)
- State:** In Use

Education Status:

- Not Known
- Primary School
- Secondary School
- High School
- College
- University
- MBA
- Doctors and Up

Other Options:

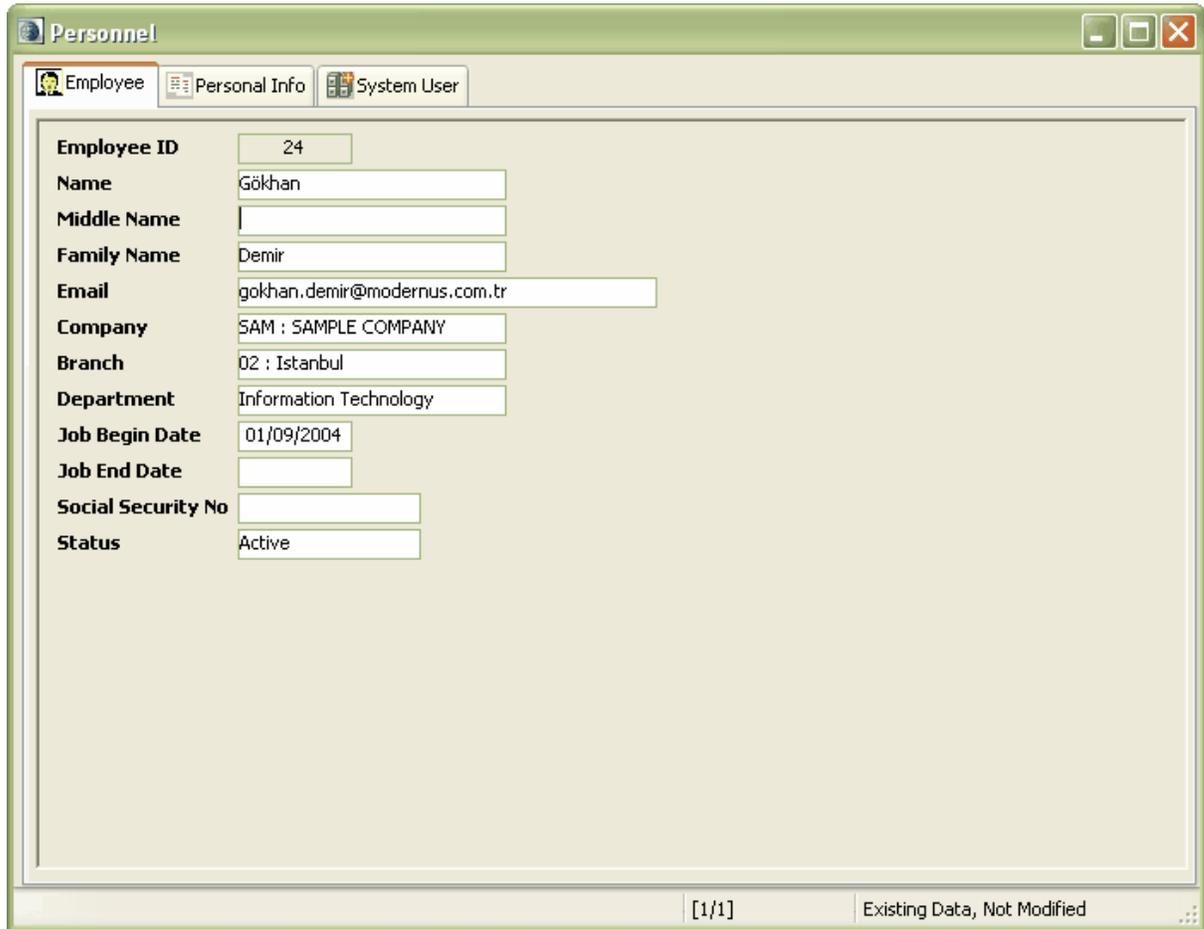
- VIP

At the bottom of the window, the status bar shows "[1/1] Existing Data, Not Modified".

Comprehensive information about a person is defined at this screen. The definable information is name, middle name, surname, sex, birth date, sector, occupation, country and subdivision of birth place, nationality, tax office and tax number, additional arbitrary info, education status and home, business, billing and mail (postal) [addresses](#) together with the [contact information](#).

A person can be defined individually or the person definition can be a part of another entity, like the definition of a company's employee, for example the accountant of a company.

4.11 Employee



The screenshot shows a software window titled "Personnel" with three tabs: "Employee", "Personal Info", and "System User". The "Employee" tab is active, displaying a form with the following fields and values:

Employee ID	24
Name	Gökhan
Middle Name	
Family Name	Demir
Email	gokhan.demir@modernus.com.tr
Company	SAM : SAMPLE COMPANY
Branch	02 : Istanbul
Department	Information Technology
Job Begin Date	01/09/2004
Job End Date	
Social Security No	
Status	Active

At the bottom of the window, there is a status bar showing "[1/1]" and "Existing Data, Not Modified".

An employee is defined using this window. The employees are generally defined for the ground handling company and the airport authority company only. Defining all employees id optional. Only the definitions that will be used by the software will be enough like only defining the employees with login privileges.

An employee can have a detailed person information which can be defined in the person tab. For details see [Person](#).

An employee can be defined as a system user, i.e., privileged to login to the Celebris application. For details about defining a system user, please see the [System User](#) window.

4.12 Company and Branches

4.12.1 Company

The screenshot shows a software window titled "Company & Branches" with several tabs: Company, Address, Contact Info, Person, Mailing Address, Billing Address, Branches, and Departments. The "Company" tab is active, displaying a form with the following fields and values:

- ID:** [Empty field]
- Code:** SAM
- Name:** SAMPLE COMPANY
- Known As:** SAMPLECO
- Official Name:** Sample Ground Handling Company
- Founded:** 01/01/1970
- Country:** TR - Turkey
- Sector:** [Empty field]
- Tax Office:** [Empty field] No [Empty field]
- Description:** [Empty field]
- Relevant Info:** [Empty field]
- Status:** In Use

On the right side, under "Other Options", there are checkboxes for:

- Multi-National
- Incorporation
- Limited
- Belongs to Public
- Organisation

At the bottom right of the window, it shows "[1/1]" and "Existing Data, Not Modified".

General information about a company like the company code, name, official name, country, sector, tax office and number etc. can be defined using this first tab in the company window.

The address tabs define the address, mailing address and billing address by the [address](#) entity.

The contact details of a company can be entered into the [contact information tab](#).

The responsible person of a company can be defined. In this case the person tab, which is a [Person](#) definition entity, is used.

4.12.2 Branches

A company can have branches. A branch is defined using a code, name, country and description together with extra address, person and contact information.

Company & Branches

Company Address Contact Info Person Mailing Address Billing Address Branches Departments

Branch List Options Address Mailing Address Person Contact Info

ID	Code	Name	Country	Description
1	02	İstanbul	TR - Turkey	Atatürk
2	04	Antalya	TR - Turkey	Antalya
3	01	Ankara	TR - Turkey	Esenboğa
4	03	İzmir	TR - Turkey	Adnan Menderes
5	05	Dalaman	TR - Turkey	Dalaman
6	06	Adana	TR - Turkey	Şakir Paşa
7	07	Trabzon	TR - Turkey	Trabzon
8	08	Bodrum	TR - Turkey	Bodrum
9	09	Kayseri	TR - Turkey	Kayseri
10	10	Diyarbakır	TR - Turkey	Diyarbakır
11	11	Samsun	TR - Turkey	Samsun-Çarşamba
12	12	Gaziantep	TR - Turkey	Gaziantep
13	13	Erzurum	TR - Turkey	Erzurum
14	27	Bursa	TR - Turkey	Bursa-Yenişehir
15	17	Çorlu	TR - Turkey	Çorlu
16	15	Sivas	TR - Turkey	Sivas

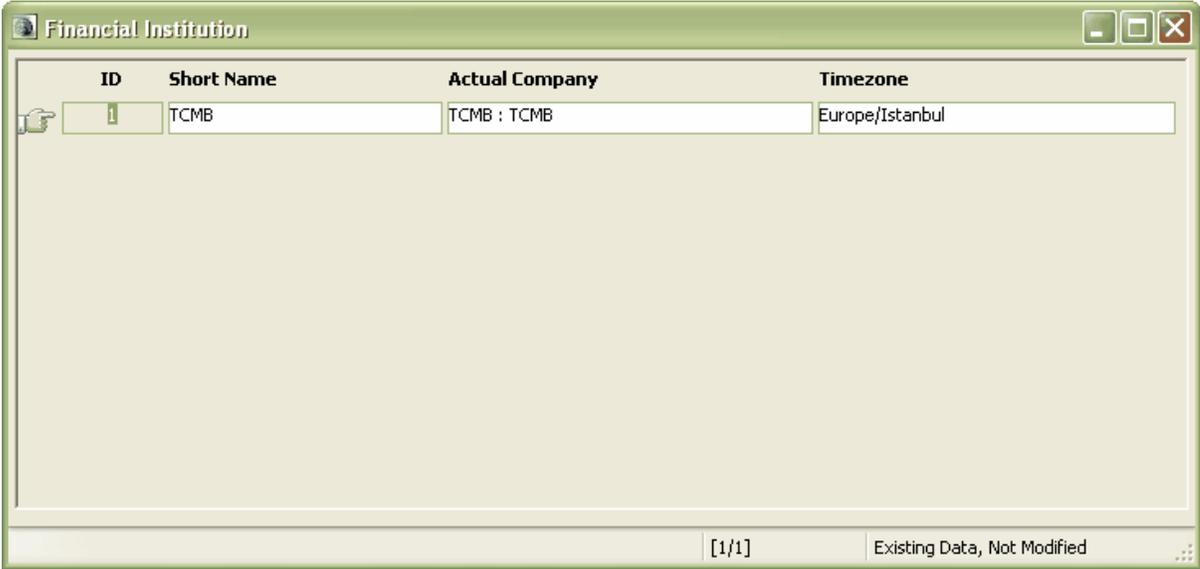
[1/1] Existing Data, Not Modified

4.12.3 Departments



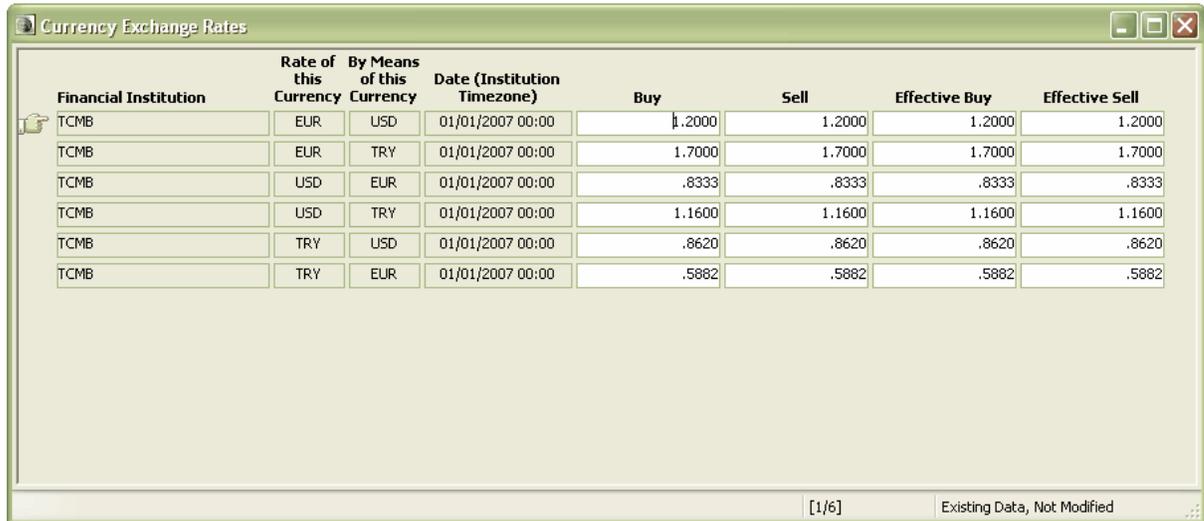
In this tab, the departments of the company can be defined. Data defined in this tab is only useful for the companies that will define employees to system. The department is a part of an employee definition.

4.13 Financial Institution



A financial institution is the institution which has the right to announce official currency exchange rates. The short name of the company is defined here after choosing the actual company from the drop down list. Time zone information is necessary and important as it will be used in currency conversion later during the price calculations

4.14 Daily Exchange Rates



Financial Institution	Rate of this Currency	By Means of this Currency	Date (Institution Timezone)	Buy	Sell	Effective Buy	Effective Sell
TCMB	EUR	USD	01/01/2007 00:00	1.2000	1.2000	1.2000	1.2000
TCMB	EUR	TRY	01/01/2007 00:00	1.7000	1.7000	1.7000	1.7000
TCMB	USD	EUR	01/01/2007 00:00	.8333	.8333	.8333	.8333
TCMB	USD	TRY	01/01/2007 00:00	1.1600	1.1600	1.1600	1.1600
TCMB	TRY	USD	01/01/2007 00:00	.8620	.8620	.8620	.8620
TCMB	TRY	EUR	01/01/2007 00:00	.5882	.5882	.5882	.5882

[1/6] Existing Data, Not Modified

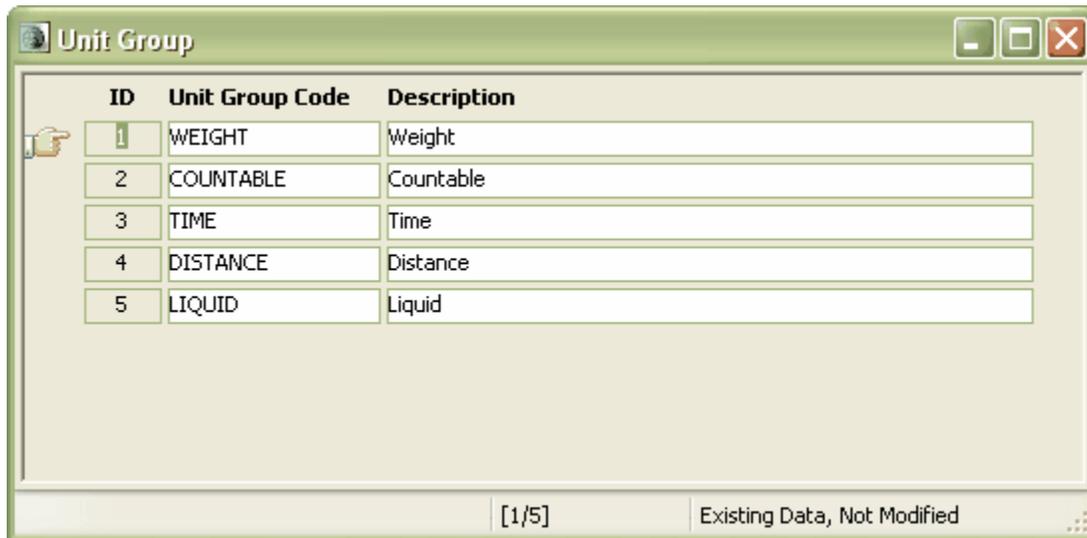
The daily exchange rates are defined manually through this window. It is necessary to enter all the cross exchange rates for the supported currencies in Celebris. For example, if an exchange rate from USD to EUR is defined, it is also necessary to define a reverse rate from EUR to USD.

Currency exchange rates can be input in an hourly basis too, but in practice it is not recommended.

There are four exchange indicators: Buy rate, sell rate, and effective buy and sell rates (the exchange rates on banknotes).

If a financial institution is issuing the exchange rates in an electronically importable format, an automatic import mechanism will be supplied for the customers that demand.

4.15 Unit Group

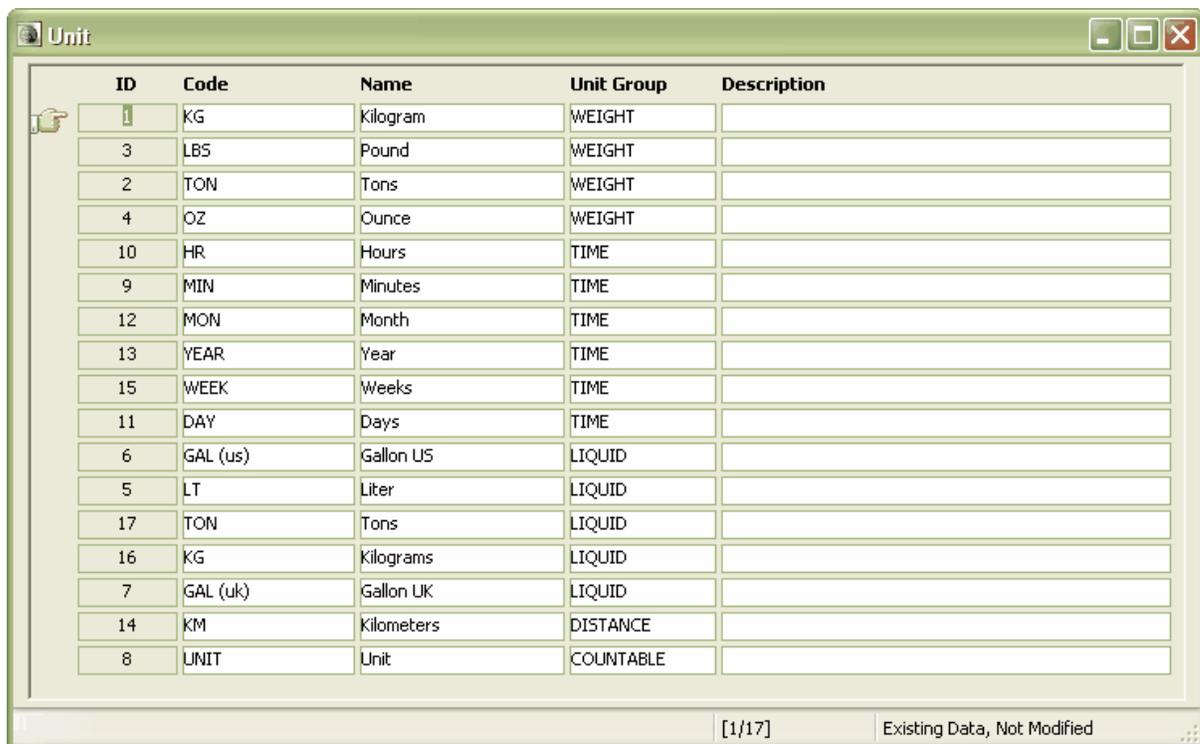


The screenshot shows a window titled "Unit Group" with a table containing 5 rows. The columns are "ID", "Unit Group Code", and "Description". The status bar at the bottom indicates "[1/5]" and "Existing Data, Not Modified".

ID	Unit Group Code	Description
1	WEIGHT	Weight
2	COUNTABLE	Countable
3	TIME	Time
4	DISTANCE	Distance
5	LIQUID	Liquid

The unit groups are defined at this window.

4.16 Unit



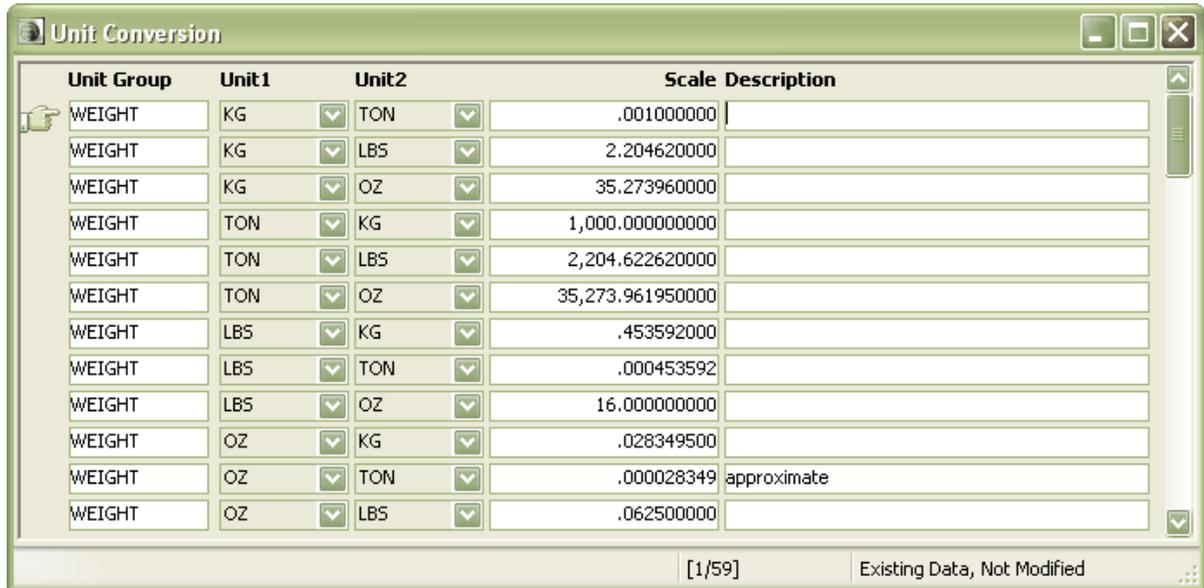
The screenshot shows a window titled "Unit" with a table containing 17 rows. The columns are "ID", "Code", "Name", "Unit Group", and "Description". The status bar at the bottom indicates "[1/17]" and "Existing Data, Not Modified".

ID	Code	Name	Unit Group	Description
1	KG	Kilogram	WEIGHT	
3	LBS	Pound	WEIGHT	
2	TON	Tons	WEIGHT	
4	OZ	Ounce	WEIGHT	
10	HR	Hours	TIME	
9	MIN	Minutes	TIME	
12	MON	Month	TIME	
13	YEAR	Year	TIME	
15	WEEK	Weeks	TIME	
11	DAY	Days	TIME	
6	GAL (us)	Gallon US	LIQUID	
5	LT	Liter	LIQUID	
17	TON	Tons	LIQUID	
16	KG	Kilograms	LIQUID	
7	GAL (uk)	Gallon UK	LIQUID	
14	KM	Kilometers	DISTANCE	
8	UNIT	Unit	COUNTABLE	

The units are defined at this window.

Each unit is a member of one unit group.

4.17 Unit Conversion



The screenshot shows a window titled "Unit Conversion" with a table of conversion factors. The table has five columns: Unit Group, Unit 1, Unit 2, Scale, and Description. The "Unit Group" column is set to "WEIGHT" for all rows. The "Unit 1" and "Unit 2" columns contain various units like KG, TON, LBS, and OZ, each with a dropdown arrow. The "Scale" column contains numerical values representing the conversion factor. The "Description" column is mostly empty, with one row containing the word "approximate". At the bottom of the window, there is a status bar showing "[1/59]" and "Existing Data, Not Modified".

Unit Group	Unit 1	Unit 2	Scale	Description
WEIGHT	KG	TON	.001000000	
WEIGHT	KG	LBS	2.204620000	
WEIGHT	KG	OZ	35.273960000	
WEIGHT	TON	KG	1,000.000000000	
WEIGHT	TON	LBS	2,204.622620000	
WEIGHT	TON	OZ	35,273.961950000	
WEIGHT	LBS	KG	.453592000	
WEIGHT	LBS	TON	.000453592	
WEIGHT	LBS	OZ	16.000000000	
WEIGHT	OZ	KG	.028349500	
WEIGHT	OZ	TON	.000028349	approximate
WEIGHT	OZ	LBS	.062500000	

The simple unit conversion factors among units in a unit group are defined at this window. All cross conversion factors for the units of a unit group must be defined.

4.18 Calendar - Holiday Definitions

The screenshot shows a window titled "Calendar" with a yellow sun icon. It is divided into several sections:

- Calendar:** A form with three fields: "Calendar ID" (value: 1), "Description" (value: Sample Company Default Calendar), and "Time zone" (value: Europe/Istanbul).
- Day Properties:** A table with two columns: "Day" and "Day Type".
- Recurrent Holidays:** A table with four columns: "Holiday", "Description", "Type", and "1/2 Day".
- Extra Daily Holidays:** A tab that is currently inactive.

At the bottom of the window, there is a status bar showing "[1/1]" and "Existing Data, Not Modified".

Day	Day Type
Monday	Workday
Tuesday	Workday
Wednesday	Workday
Thursday	Workday
Friday	Workday
Saturday	Holiday (Part Time)
Sunday	Holiday (Full Time)

Holiday	Description	Type	1/2 Day
01-Jan	New Year	Official	<input type="checkbox"/>
23-Apr	Natinal Independence and Children's Day	Official	<input type="checkbox"/>
19-May	Youth Festival	Official	<input type="checkbox"/>
30-Aug	Victory Day	Official	<input type="checkbox"/>
28-Oct	Republic Day	Official	<input checked="" type="checkbox"/>
29-Oct	Republic Day	Official	<input type="checkbox"/>

Calendar and holiday definitions are made at this window.

4.18.1 Calendar Main Window

This screenshot shows the "Calendar" section of the window, which is a form with three fields:

- Calendar ID:** 1
- Description:** Sample Company Default Calendar
- Time zone:** Europe/Istanbul

At the main information area, the calendar id, description and the calendar time zone are defined.

4.18.2 Calendar Day Properties

Day Properties

Day	Day Type
Monday	Workday
Tuesday	Workday
Wednesday	Workday
Thursday	Workday
Friday	Workday
Saturday	Holiday (Part Time)
Sunday	Holiday (Full Time)

Calendar day properties are defined in order to specify the characteristics (day types) for the weekdays. A day types are workday, part time holiday (half day) and full time holiday.

4.18.3 Recurrent Holidays

Recurrent Holidays Extra Daily Holidays

Holiday	Description	Type	½ Day
01-Jan	New Year	Official	<input type="checkbox"/>
23-Apr	Natinal Independence and Children's Day	Official	<input type="checkbox"/>
19-May	Youth Festival	Official	<input type="checkbox"/>
30-Aug	Victory Day	Official	<input type="checkbox"/>
28-Oct	Republic Day	Official	<input checked="" type="checkbox"/>
29-Oct	Republic Day	Official	<input type="checkbox"/>

The recurrent holidays tab is used to define the recurrent holidays which repeat each year. Therefore no year detail is defined here.

A recurrent holiday can be selected to be fulltime or halftime. Type field is informatory and describes the type of the holiday like: official, religious or special.

4.18.4 Extra Daily Holidays

Recurrent Holidays		Extra Daily Holidays	
Holiday	Description	Type	1/2 Day
 15/11/2004	Ramazan Bayrami	Religious	<input type="checkbox"/>
16/11/2004	Ramazan Bayrami	Religious	<input type="checkbox"/>
02/11/2005	Ramazan Bayrami	Religious	<input checked="" type="checkbox"/>
03/11/2005	Ramazan Bayrami	Religious	<input type="checkbox"/>
04/11/2005	Ramazan Bayrami	Religious	<input type="checkbox"/>
05/11/2005	Ramazan Bayrami	Religious	<input type="checkbox"/>
09/01/2006	KURBAN BAYRAMI	Religious	<input checked="" type="checkbox"/>
10/01/2006	KURBAN BAYRAMI	Religious	<input type="checkbox"/>
11/01/2006	KURBAN BAYRAMI	Religious	<input type="checkbox"/>

Extra daily holidays are the holidays that are explicitly defined to take place on a certain day of a specific year. They do not repeat each year.

4.19 Interval

Intervals are defined to be used at reporting. Here numeric ranges can be defined as levels of an interval definition.

Seat capacity and mtow groups can be defined in this interval definition window, so that the reporting module can use this information to make groupings according to these definitions.

Interval

Interval Definition

ID	Description
1	Seat Grupları
2	MTOW Grupları

Interval Type

Seat Capacity

MTOW

Decimal Interval Details

Begin (Inclusive)	End (Exclusive)	Label
0	10.0001	0-10
10.0001	25.0001	10-25
25.0001	50.0001	25-50
50.0001	75.0001	50-75
75.0001	100.0001	75-100
100.0001	140.0001	100-140
140.0001	190.0001	140-190
190.0001	320.0001	190-320
320.0001		>320

Integer Interval Details

Begin (Inclusive)	End (Exclusive)	Label
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[2/2] Existing Data, Not Modified

Part



5 Service Management

5.1 Billing Group

Billing groups distinguish pricing agreements. Each service or a service group is a member of one particular billing group. The description of the group also supports a secondary description in another supported language.



Billing Group ID	Description	Description Translation
1	Handling	Yer Hizmetleri
2	Cargo	Kargo
3	Fuel	Yakıt
4	Catering	İkram
5	Others	Diğer
9	Acs.Fuel	Gümrüklü Yakıt

[1/6] Existing Data, Not Modified

5.2 Services

Services and their characteristics are defined here.

5.2.1 Service

Services are the pricable entities. They are used in many tasks like pricing, operations, planning or performance measurements.

Service code, service description, service description in a second language, service unit group, service billing group and some other service characteristics like if the service requires time input and service application contexts are defined here.

The screenshot shows a software window titled "Service" with a menu bar containing "Service", "VAT Rate", and "AccNo". Below the menu bar is a table of services with columns: Service Code, Description, Description Translation, Unit Group, Billing Group, and Time Input. The table contains the following data:

Service Code	Description	Description Translation	Unit Group	Billing Group	Time Input
FL	Forklift	Forklift	COUNTABLE	Handling	<input checked="" type="checkbox"/>
FLO	Flight Operation	Uçuş Operasyon	COUNTABLE	Handling	<input type="checkbox"/>
FLW	Follow-Me Service	Follow-Me Hizmeti	COUNTABLE	Handling	<input type="checkbox"/>
FOL	Octan Fuel	Oktanlı Yakıt	LIQUID	Fuel	<input type="checkbox"/>
FUEL	Domestic Fuel	Gümrüklü Yakıt	LIQUID	Acs.Fuel	<input type="checkbox"/>
FUT	Transit Fuel	Transit Yakıt	LIQUID	Fuel	<input type="checkbox"/>
GPU	Ground Power Unit	GPU	COUNTABLE	Handling	<input checked="" type="checkbox"/>
HBRF	HOT BREAKFAST	SICAK KAHVALTI	COUNTABLE	Catering	<input type="checkbox"/>
HCC	Head Cover Change	Koltuk Başlığı Değiştirme	COUNTABLE	Handling	<input type="checkbox"/>

Below the table is a "Context Details" section with three columns: Context Type, Can Be Applied To, and Default Apply Context. The Context Type column has "Landed" and "Ground" entries. The "Can Be Applied To" column has checkboxes for "General", "Landed", "Arrival Flight", and "Departure Flight". The "Default Apply Context" column has radio buttons for "General", "Landed", "Arrival Flight", and "Departure Flight". The "Landed" checkbox and radio button are selected.

At the bottom of the window, there is a status bar showing "[68/157]" and "Existing Data, Not Modified".

In Celebris, there are two different context types which define the scope of defined services and packages. These are: landed and ground contexts. Landed context contains the aircraft information with either the arriving flight details, the departure flight details or both, along with ground details like the parking place, etc. Ground context includes only the ground related information of the aircraft and the arrival or departure flight information is out of scope.

The services can be marked to apply to a landed context, or a ground context, or both.

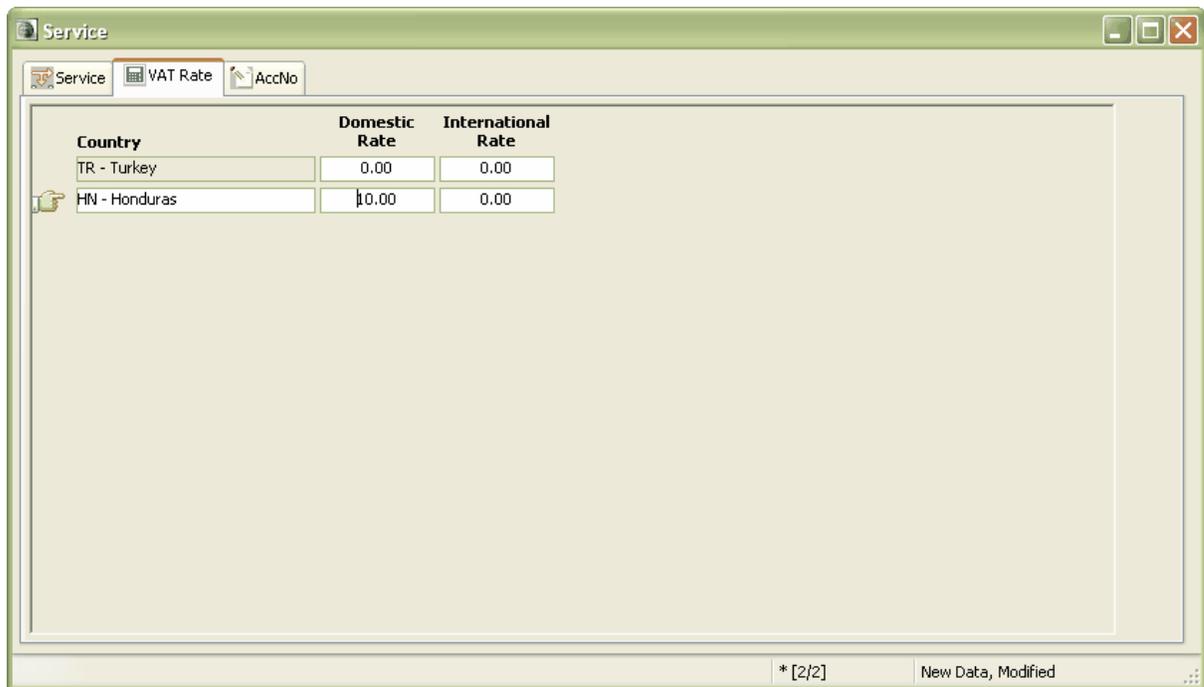
The services can be marked as obligatory according to their apply contexts or they can be priced accordingly in agreement definitions. Please look at the [services and packages tab](#) of the agreement screen.

The unit group definition specifies which unit codes are allowed to be used during service amount inputs and at their reporting. Because the cross conversion rates of the units in a group are predefined, different units from the same group can be used in service amount inputs at the service charge form window, at pricing definitions for the service, at any reporting about the service amounts and at the invoice service details. Celebris automatically handles the unit conversion.

Marking a service as "time input" enables the service charge form window to force the user to input the service start and end times.

5.2.2 Service VAT rates

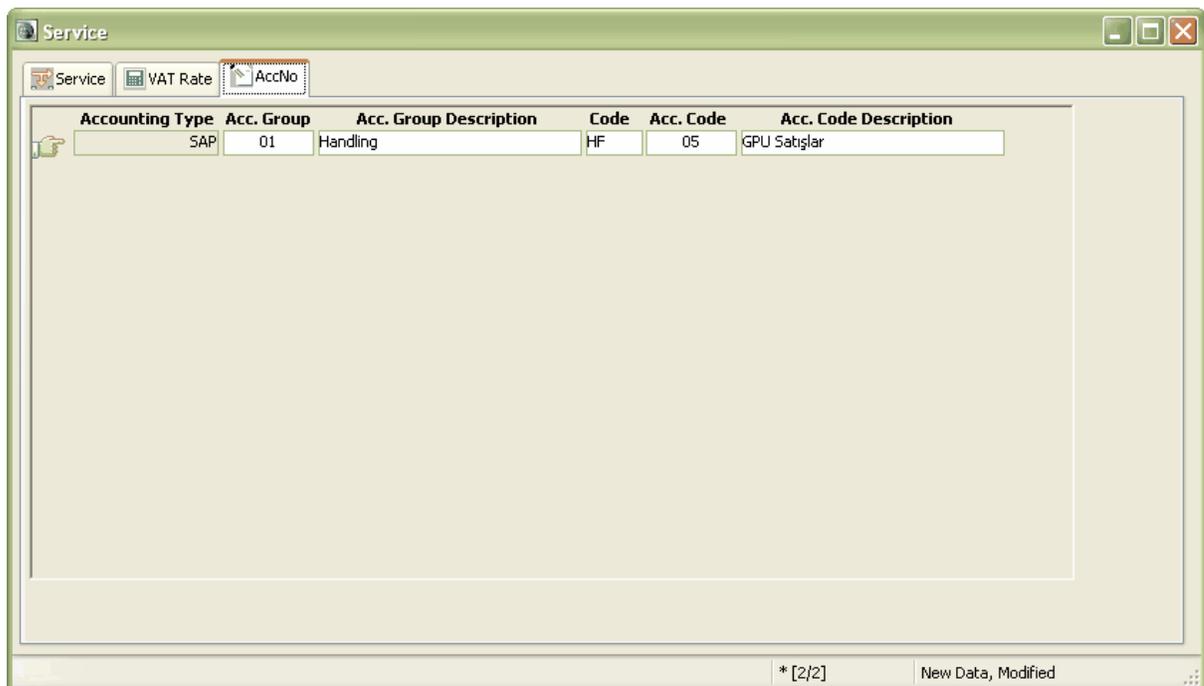
Each service can have different domestic and international VAT rates that can be defined separately for each country:



Country	Domestic Rate	International Rate
TR - Turkey	0.00	0.00
HN - Honduras	0.00	0.00

5.2.3 Service Accounting Integration

Celebris itself is not a general ledger software. Therefore, generated invoices later need to be transferred to a 3rd party general ledger software. In this tab, this integration details can be defined per accounting type, group and code.



Accounting Type	Acc. Group	Acc. Group Description	Code	Acc. Code	Acc. Code Description
SAP	01	Handling	HF	05	GPU Satışlar

5.3 Packages

Packages and their characteristics are defined here.

5.3.1 Package

Celebris supports the definition of service packages to enable a simpler pricing schema.

Package Code	Description	Description Translation	Unit Group	Billing Group	Pricing Unit
PGTC	Golden Intl Package	Golden Intl. Paket Fiyati	COUNTABLE	Handling	UNIT
PGXL	PACKAGE AGAIRCOM	Paket AGAIRCOM	COUNTABLE	Handling	UNIT
PHLF	PACKAGE HAPAG-LLOYD	PAKET HAPAG-LLOYD	COUNTABLE	Handling	UNIT
PIBE	PACKAGE IBERIA	PAKET IBERIA	COUNTABLE	Handling	UNIT
PJAT	PACKAGE JAT	PAKET JAT	COUNTABLE	Handling	UNIT
PMYT	PACKAGE MY TRAVEL LTD	PAKET MY TRAVEL LTD.	COUNTABLE	Handling	UNIT

Service Code	Description	Mandatory For Arr	Dep	Lnd	Unit	Max Qty	Max Use	Max Duration	Distribute
LOP	Load Control & Communication	<input type="checkbox"/>			UNIT	1	1		<input checked="" type="checkbox"/>
P/B	Pushback	<input type="checkbox"/>			UNIT	1	1		<input checked="" type="checkbox"/>
RMP	Ramp	<input type="checkbox"/>			UNIT	1	1		<input checked="" type="checkbox"/>
TRF	Passenger & Baggage Service	<input type="checkbox"/>			UNIT	1	1		<input checked="" type="checkbox"/>

[19/33] Existing Data, Not Modified

A service package is a group of services which are input separately to the service charge form at operation time but are priced and reported as if they are one service.

Each defined package must belong to one particular billing group.

Package details are the services included in this package. Defining a service as a package detail requires the input of unit, maximum quantity, maximum use and maximum duration information as well as choosing if this service is distributable in the package.

It is the price calculation process that calculates prices for each service charge form and during this process the separate services are packed together if they are included to packages at the pricing agreement definition.

Distribute option flag indicates that if an additional single service line which will not be included in the package should automatically be generated by the system for the exceeding amounts of quantity or duration, which are above the maximum amounts defined for that package. This way, the exceeding quantity or duration can be charged separately while the package contents are preserved. If distribute option is not selected, the whole service quantity or duration is excluded from the package to be priced separately when it is out of the limits.

Maximum quantity definition specifies the maximum quantity of that service to be considered within that package. If the total quantity of the service at the service charge form exceeds the defined maximum quantity, the changing process should either exclude this service completely from the package when the service is not marked as distributable, or it should create a separate service line just for the exceeding quantity when the service is marked distributable. The separate service line will be considered as "out of the package" and therefore will be charged additionally.

It is the same for the maximum use criteria and maximum duration criteria. Maximum use and maximum duration is for the services that require time input like the GPU (Ground Power Unit) service. Each new line of this service at the service charge form input screen is counted as one use since the service start and end times are specified

separately for each line. For maximum duration, any time a services duration exceeds the defined duration it will be considered "out of the package".

The mandatory field defines which services in this package will be considered as mandatory when this package is marked as "obligatory" at the pricing agreement .

The packages are only applicable for the landing context.

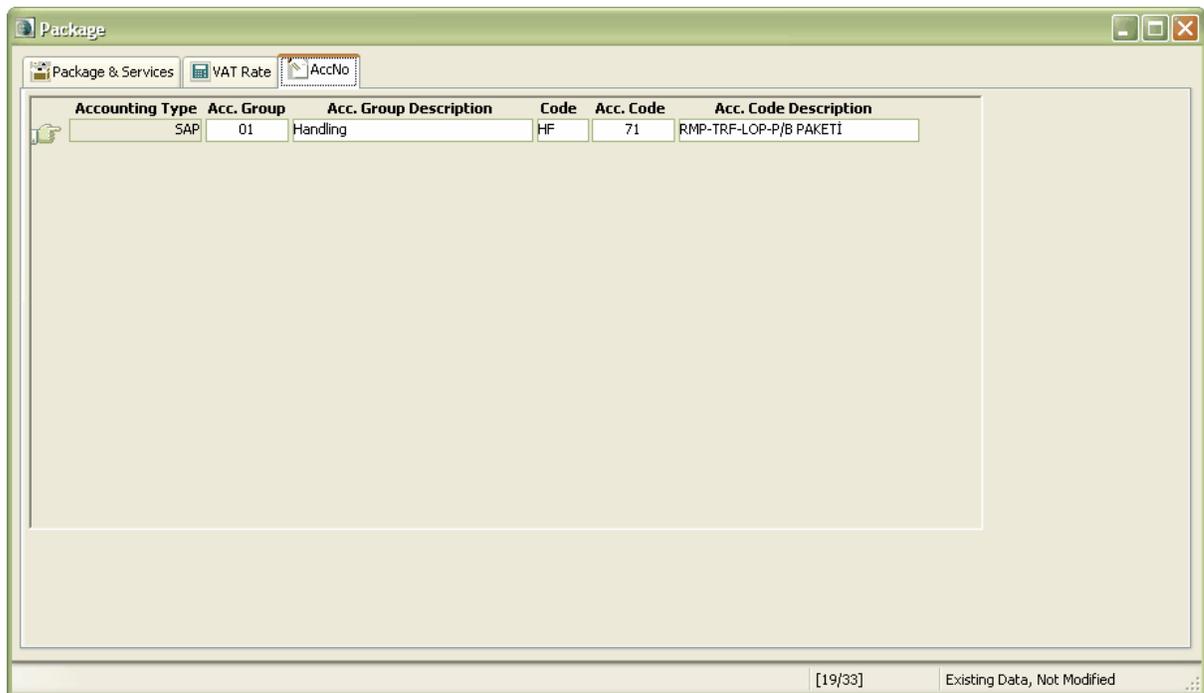
5.3.2 Package VAT rates

Each package can have different domestic and international VAT rates that can be defined separately for different countries:

Country	Domestic Rate	International Rate
TR - Turkey	0.00	0.00

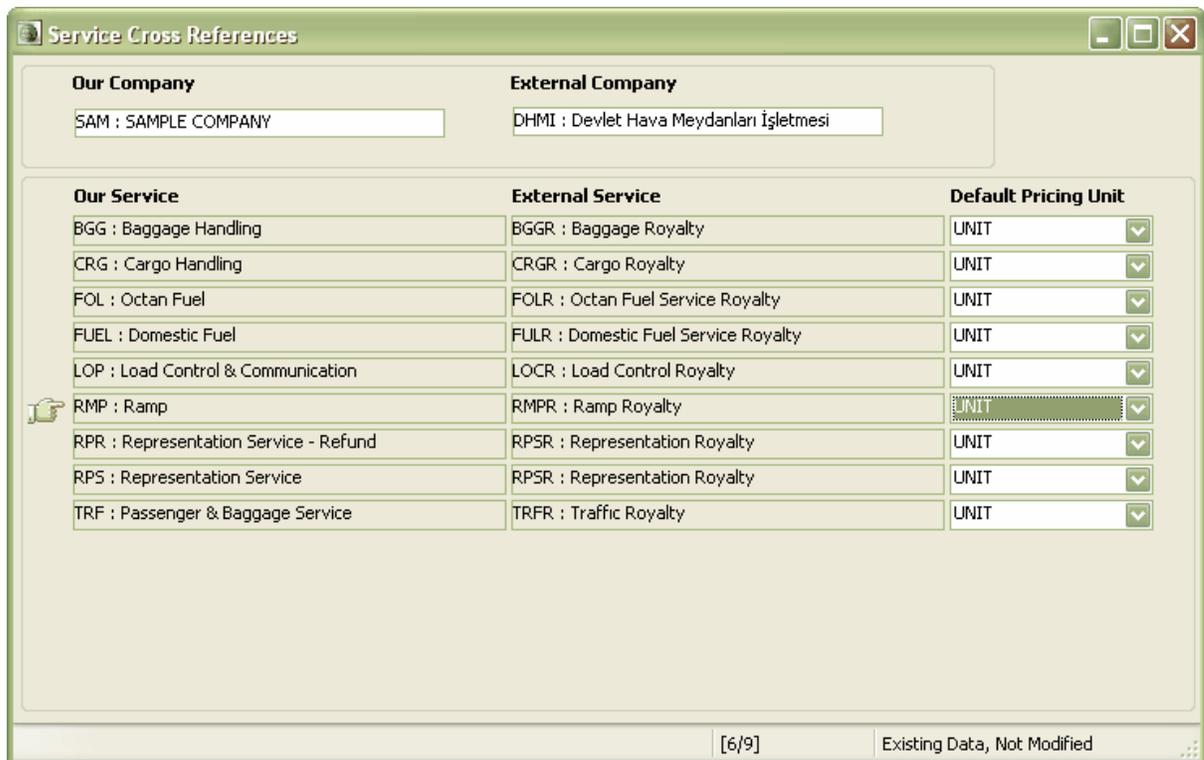
5.3.3 Package Accounting Integration

Celebris itself is not a general ledger software. Therefore, generated invoices later need to be transferred to a 3rd party general ledger software. In this tab, this integration details can be defined per accounting type, group and code.



5.4 Service Cross References

Service cross references defines the related services between the service giving company (the handling company) and the related company (can be airport authority, external service provider etc.).



On the above image, a sample of the related services between the handling company and the airport authority company can be seen.

When a service references another service, it means that, during the price calculations of that service, the referred service is also priced to be invoiced along with the original service. The extra commissions and royalty fees that arise as a result of a given service can be defined as referred services at this screen.

5.5 Obligatory Services

The general purpose obligatory services (not related with a pricing agreement) are defined at this screen in a very flexible manner.

ID	Service	Arr	Dep	Lnd	Airport	Park Area	Park Pos	AC Model	Airline	Representative
74	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A13				
73	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A12				
72	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A11				
71	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A9				
70	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A8				
69	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A6				
65	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A5				
64	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A4				
62	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A3				
59	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A2				
55	P/B			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A1				
123	PAX			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A4X				
43	PAX			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A6				
34	PAX			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A3X				
22	PAX			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A13				
21	PAX			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A12				
19	PAX			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A11				
17	PAX			<input checked="" type="checkbox"/> Dom <input type="checkbox"/> Intl	IST	A10				

Park Position Properties

- Bridge
- Open Parking Position

Flight Properties

- Transportation
- Military
- General Aviation

Flight Load Properties

- Passenger A/C
- Cargo A/C
- Combi A/C
- Baggage A/C
- Ferry Flight

[1/23] Existing Data, Not Modified

The information at this screen has an AND logic for the input areas. For example, the first data entry at the sample screen reads as : The P/B service is an obligatory service for landings at IST airport at A13 parking area and the aircraft is at a open park position and it is either a transportation, military or general aviation flight, and the flight load type is ferry meaning the flight has no load.

The definition fields include the service context (arrival, departure or landed), domestic/international flight, landed airport, park area in that airport, park position in that airport, aircraft model, airline, representative company, park position type (bridge, open position), flight properties (transportation, military, general aviation), flight load properties (passenger, cargo, combi, baggage and ferry).

Obligatory services are used at preparing the service charge form for the first time. All found obligatory services from either the definitions at this window or the ones that are marked at the initial agreement will be entered into the service charge form automatically.

When an obligatory service does not exist in the service charge form, the system prompts the user to check whether it is a mistake when the service charge form is saved.

5.6 Surcharge Period

In Celebris, prices for the services can be priced differently in surcharge periods. In Celebris, surcharge periods can be defined in a very flexible manner.

5.6.1 Surcharge Period Main Screen

Surcharge Period

Surcharge Period Airport Company

Period Definition

ID 1

Begin Date 28/09/2004

End Date 31/12/2010

Calendar Celebi Default Calendar

Description Celebi Default Surcharge Periods

Daily Details

Day Type	From (Inclusive)	To (Exclusive)
WorkDay	00:00	06:00
WorkDay	22:00	00:00
Half-Day	00:00	06:00
Half-Day	13:00	00:00
Full Holiday	00:00	00:00

[5/5] Existing Data, Not Modified

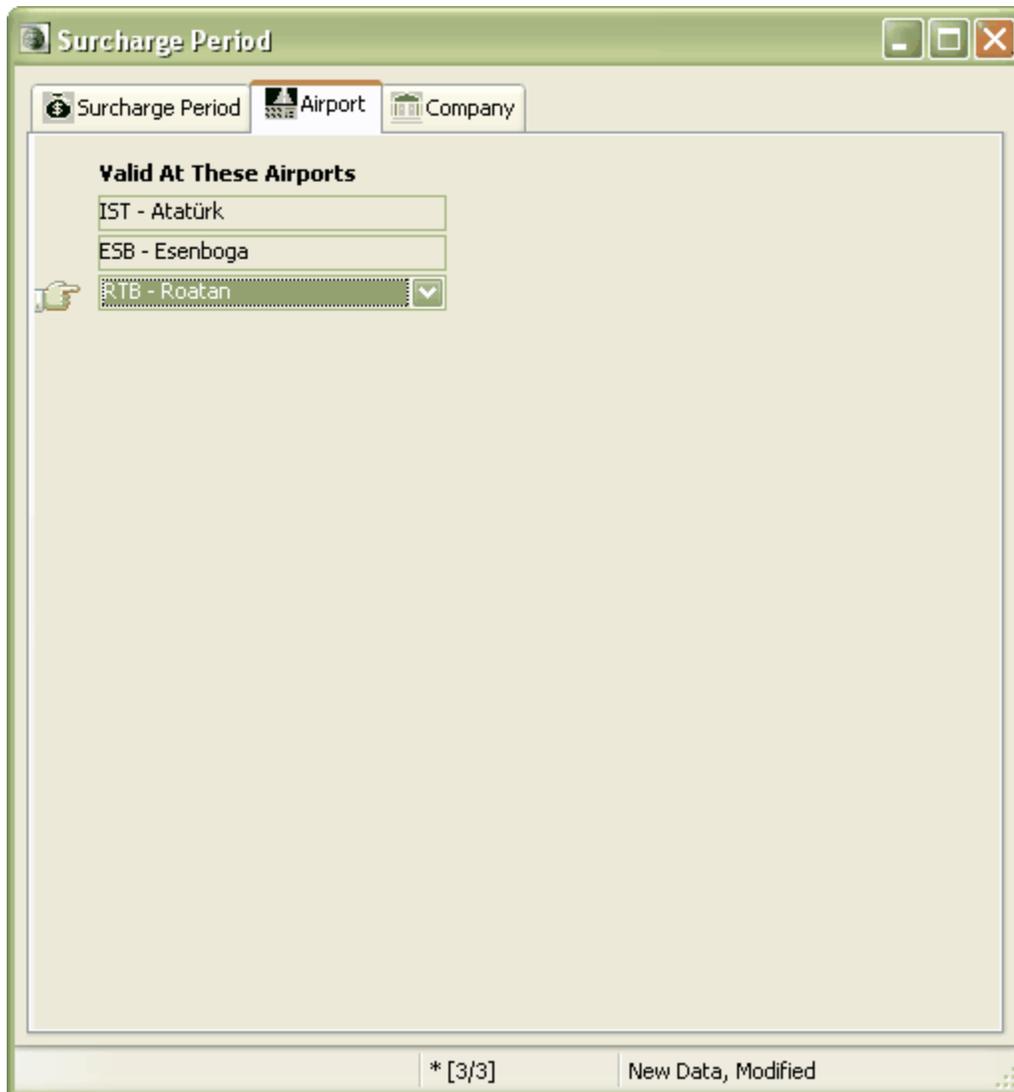
There can be more than one surcharge period definition in the system. A surcharge period can be defined in a general fashion or it can be defined to be applied only for specific airlines and/or at specific airports.

A surcharge period is defined using a calendar template. The calendar template defines the surcharge period start and end times at different day types like work days, half days and full holidays. In this way, if a day was marked as a holiday at the company calendar definitions, the surcharge periods for the holiday day type are used. It is the same for other day types.

The surcharge periods are defined at the following screens:

5.6.2 Surcharge Period Airport

This tab is used to mark this surcharge period to be applicable only at the selected airports.



5.6.3 Surcharge Period Company

This tab is used to mark this surcharge period to be valid for the selected companies only. It is also possible to select airports at the other tab to further restrict the validity of this surcharge period, meaning it will be applicable for defined companies at defined airports only.

Company Type	Company	Airport
Airline	DLH - LUFTHANSA	
Airline	IBE - IBERIA Lineas Aereas de Espa	

5.7 Legacy Code Mappings

In Celebris, a flight can have different characteristics like flight type characteristics (transportation, military, general aviation), flight load type characteristics (passenger, cargo, baggage, ferry), scheduled/charter and domestic/international.

However, ground handling companies can have their own grouping of flights according to their characteristics that they would prefer to be used in certain reports. Celebris can group the flights according to their characteristics. This screen makes it possible to further define the grouping factors on a flight characteristics basis.

The definition at the following screen reads as follows: any flight of DLH Airlines, with load type Cargo or Baggage, with flight type Transportation, with Schedule type Charter and which is a International flight should be considered in the *Charter* legacy group.

5.8 Service Management Reports

5.8.1 Services Report

This report can be used to list all of the defined services together with the vat rates and general ledger integration definitions. At the filter, The Company and the Country for the VAT rates can be selected.

The filter for this report:

And here is a sample outcome for this report:

Service	Description	Service Group (Celebris)	Unit Group	Time input	Dom Val	Intl Val	Invoice Type	Inv Grp	Svc Code	Invoice Service Description
FUEL	Domestic Fuel (Gümrüklü Yakıt)	Acs.Fuel (Gümrüklü Yakıt)	LIQUID		18.0	18.0	Yakıt	02 - YF	00	Yakıt Satışları
FLW	Follow-Me Service (Follow-Me Hizmeti)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	23	Diğer Ramp Satışları
RMP	Ramp (Ramp)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	01	Ramp Satışları
ACU	Air Condition Unit (Istma Soğutma)	Handling (Yer Hizmetleri)	COUNTABLE	✓	0.0	0.0	Handling	01 - HF	22	Air Condition Unit Satışları
APB	Passenger Bus Rental (Yolcu Otobüsü Kiralama)	Handling (Yer Hizmetleri)	COUNTABLE	✓	0.0	0.0	Handling	01 - HF	12	Ekipman Kira Satışları
ASU	Air Starter Unit (Hariç Hava Takatı)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	06	ASU Satışları
BAP	Baggage Palletizing (Bagaj ve Toplu Bagaj Paletleme Hizmeti)	Handling (Yer Hizmetleri)	WEIGHT		0.0	0.0	Handling	01 - HF	21	Bagaj Eşleştirme
BCC	Baggage/Cargo Cart (Bagaj Kargo Arabası)	Handling (Yer Hizmetleri)	COUNTABLE	✓	0.0	0.0	Handling	01 - HF	12	Ekipman Kira Satışları
BIB	Baggage Identification (Yolcu Bagaj Eşleştirme)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	21	Bagaj Eşleştirme
BL5	Ballast (Ballast)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	28	Ballast Satışları
BNG	Bingo Card (Bingo Card)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	45	Bingo Kart Hizmet Gelirleri
CAG	Additional Cargo Agent (İlave Kargo Elemanı)	Handling (Yer Hizmetleri)	COUNTABLE	✓	0.0	0.0	Handling	01 - HF	31	Personel Kiralama (Kargo)
CAT	Material Uplift Service (Kabin Malzeme Yükleme/Boşaltma Servisi)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	33	Kabin Malz. Yük-Bglt Hiz. Satış
CLG	Cleaning Generator (Temizlik Jeneratörü)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	12	Ekipman Kira Satışları
CMA	Crew Meet & Assist Service (Mürettebat Eşlik Hizmeti)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	49	Mürettebat Eşlik Hiz. Satışları
CNT	Additional Check-In Position (İlave Kontuar)	Handling (Yer Hizmetleri)	COUNTABLE	✓	18.0	18.0	Handling	01 - HF	36	İlave Kontuar Hiz. Satışları
CWV	Conveyor Belt (Konveyör Bantı)	Handling (Yer Hizmetleri)	COUNTABLE	✓	0.0	0.0	Handling	01 - HF	12	Ekipman Kira Satışları
CPD	Container/Pallet Dolly (konteyner/Palet Arabası)	Handling (Yer Hizmetleri)	COUNTABLE	✓	0.0	0.0	Handling	01 - HF	12	Ekipman Kira Satışları
CRM	Surface Transport Crew Minibus (Apron Dışı Ekip Taşıma Midibüs/Otobüs)	Handling (Yer Hizmetleri)	DISTANCE		18.0	18.0	Handling	01 - HF	20	Diğer Satışları
CRU	Surface Transport Crew Midibus/Bus (Apron Dışı Ekip Taşıma Midibüs/Otobüs)	Handling (Yer Hizmetleri)	DISTANCE		18.0	18.0	Handling	01 - HF	20	Diğer Satışları
DCD	Celebi DCS Check-In Documentation (Celebi DCS Check-In Evrağı)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	27	Dcs Gelirleri (Documentation)
DCG	Cargo Staff Rental (Kargo Elemanı Kiralama)	Handling (Yer Hizmetleri)	COUNTABLE		0.0	0.0	Handling	01 - HF	31	Personel Kiralama (Kargo)

5.8.2 Packages Report

This report can be used to list all the defined packages together with the third party general ledger integration definitions. The filter used is the same as in the [service report](#). Here is a sample outcome:

Package	Description	Service Group (Celebris)	Unit Group	Dom Val	Intl Val	Invoice Type	Inv Grp	Pck Code	Invoice Package Description
PNLY	PACKAGE FLYNIKI (PAKET FLYNIKI)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PBAL	PACKAGE BRITANNIA UK (PAKET BRITANNIA UK)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PMYT	PACKAGE MY TRAVEL LTD (PAKET MY TRAVEL LTD.)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PTCW	PACKAGE THOMAS COOK BELGIUM (PAKET THOMAS COOK BELGIUM)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PTCX	PACKAGE THOMAS COOK UK (PAKET THOMAS COOK UK)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PWKV	PACKAGE MY TRAVEL A/S (PAKET MY TRAVEL A/S)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PTUB	PACKAGE TUI AIRLINES BELGIUM (PAKET TUI AIRLINES BELGIUM)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PCRL	PACKAGE CORSAIR (PAKET CORSAIR)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PSNB	PACKAGE SERVICE STERLING (PAKET SERVIS STERLING)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PGMI	PACKAGE GERMANIA (PAKET GERMANIA)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PXLA	PACKAGE EXCELL AIRWAYS LIMITED (PAKET EXCELL LIMITED AIRWAYS LTD)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PTFL	PACKAGE TUI A/L NEDERLAND (PAKET TUI A/L NEDERLAND)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PEUR	PACKAGE EUROWINGS (PAKET FİYAT EUROWINGS)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	73	RMP-TRF-LOP-PAX Paketi
PFHY	PACKAGE FREE BIRD (PAKET FREE BIRD)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	74	RMP-TRF-LOP-PAX-P/B Paketi
PFLY	PACKAGE FLY SERVICE PRIVATE JET (PAKET FLY SERVICE ÖZEL UÇAK)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	75	RMP-TRF-LOP-PAX-VIP Paketi
PCSA	PACKAGE CZECH AIRLINES (PAKET ÇEK HAVAYOLLARI)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PBR5	BARIS PAKETI (BARIŞ PAKETİ)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	76	RMP-LOP-COR
PTRC	TARUÇ PAKETI (TARUÇ PAKETİ)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	76	RMP-LOP-COR
PBEA	Best Air Package (Best Air Paket Fiyatı)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PGTC	Golden Intl Package (Golden Intl. Paket Fiyatı)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP Paketi
PIBE	PACKAGE IBERIA (PAKET IBERIA)	Handling (Yer Hizmetleri)	COUNTABLE	0.0	0.0	Handling	01 - HF	71	RMP-TRF-LOP-P/B PAKETİ

It is appropriate to define only one package for each packaged service group (for example ramp, traffic and load control services as a package) and define different prices to this same package in the different pricing agreements. In the sample image, we see the package names also differ, although the package contents are usually the same.

Part



6 Agreement Module

6.1 Agreements

6.1.1 Main Screen

Celebris supports AHM-810 standard ground handling agreements. Here are some sample screenshots:

This is the main screen for pricing agreements. You indicate the two parties and validity details of the agreement here. The most important field is pricing order. There are four pricing agreement types that can be signed using Celebris. They are:

1. Agreements between the handling company and the representative company. These are type-1 agreements. It defines the service and package prices for the airlines that are represented by a representative company.
2. Agreements between the handling company and the representative company and the airline. These are type-2 agreements. Defines the representative company's service and package prices for the airline.
3. Agreements between the handling company and the airline. These are the type-3 agreements. Defines the handling company's service and package prices for that airline.
4. Agreements between the handling company itself. These are the type-4 agreements and define the handling company's default service and package prices.

When Celebris tries to find a price, it first looks for an initial agreement to use. That initial agreement defines what other agreements to look if it cannot find the service or package price in the initial agreement. For instance, lets say DLH has landed through the service of FLY-TOUR representative company. And lets say we have found the initial agreement to be the agreement between the handling company and DLH (type-3). This type-3 agreement's pricing order field further defines where to look if we can't find any service's price in the initial agreement.

Pricing order can be either 1-3-2-4 , 1-2-3-4 , 1-3-2 or 1-2-3. The last two algorithms tell the system to fail finding prices before looking at the standard prices. This is where we can choose when we don't accidentally want to charge an airline from our standard prices.

6.1.2 Valid For

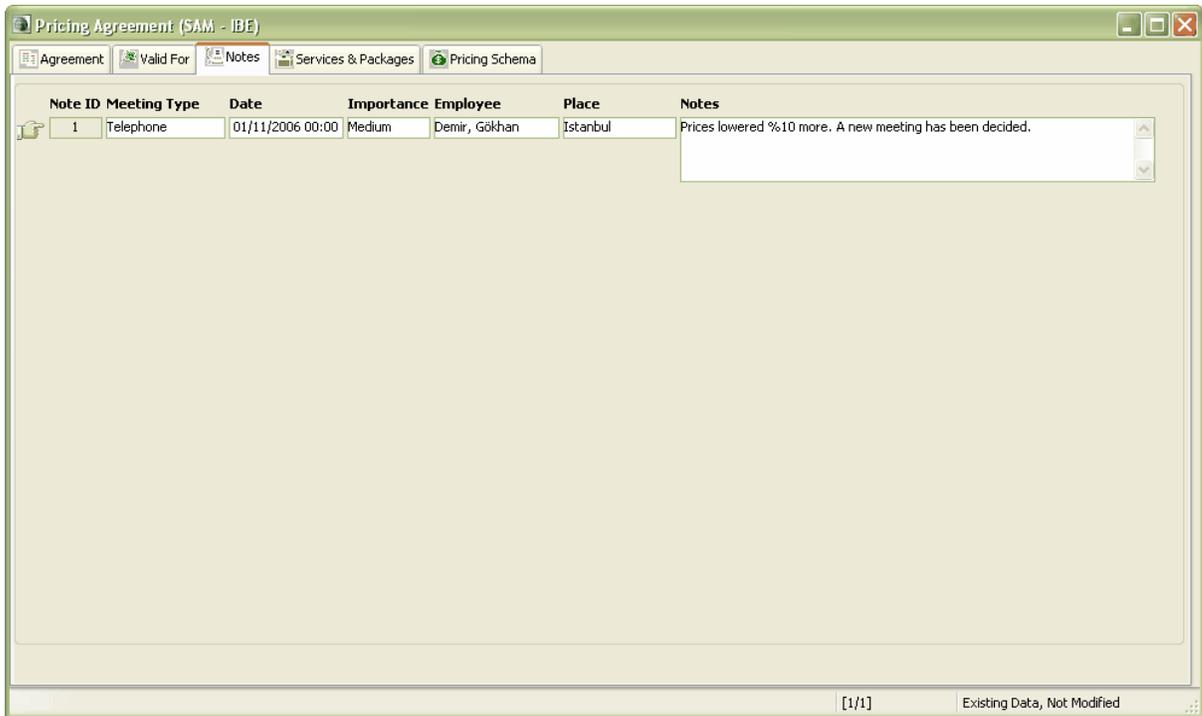
All agreements can be restricted by valid airports, airlines and/or representative companies.

The screenshot displays a software window titled "Pricing Agreement (SAM - IBE)". The window has a menu bar with "Agreement", "Valid For", "Notes", "Services & Packages", and "Pricing Schema". The "Valid For" tab is active. The main area is divided into four columns: "Airline", "Airport", "Responsible Employee", and "Representative Company". The "Airport" column contains a dropdown menu with "IST - Atatürk" selected. The "Responsible Employee" column has a dropdown arrow. The bottom status bar shows "* [1/1]" and "New Data, Modified".

We see above the valid for tab for an agreement. We see that the current agreement is restricted to only IST airport. It could have been possible to define more airports here to indicate the validity of this agreement.

6.1.3 Notes

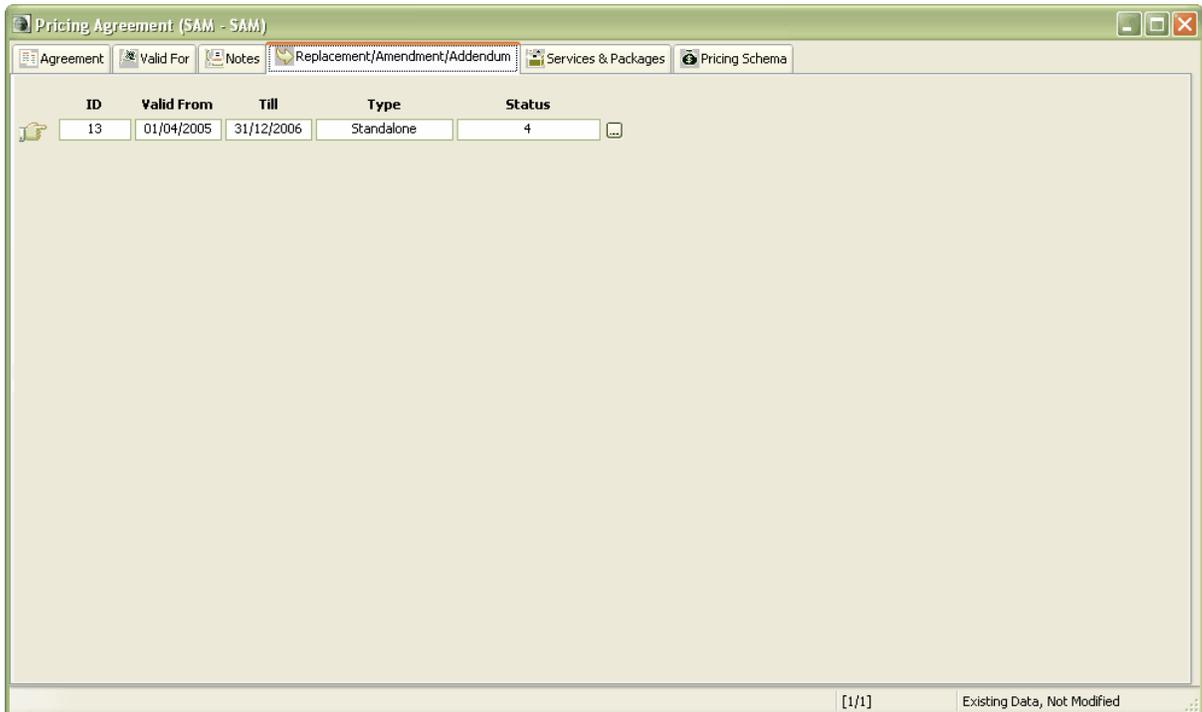
Road to signing an agreement includes some meetings, telephone calls, etc. before an agreement is signed. Celebris has room to trace these roadmap in the notes screen of the agreements:



This screen has informative purposes only.

6.1.4 Replacement/Amendment/Addendum

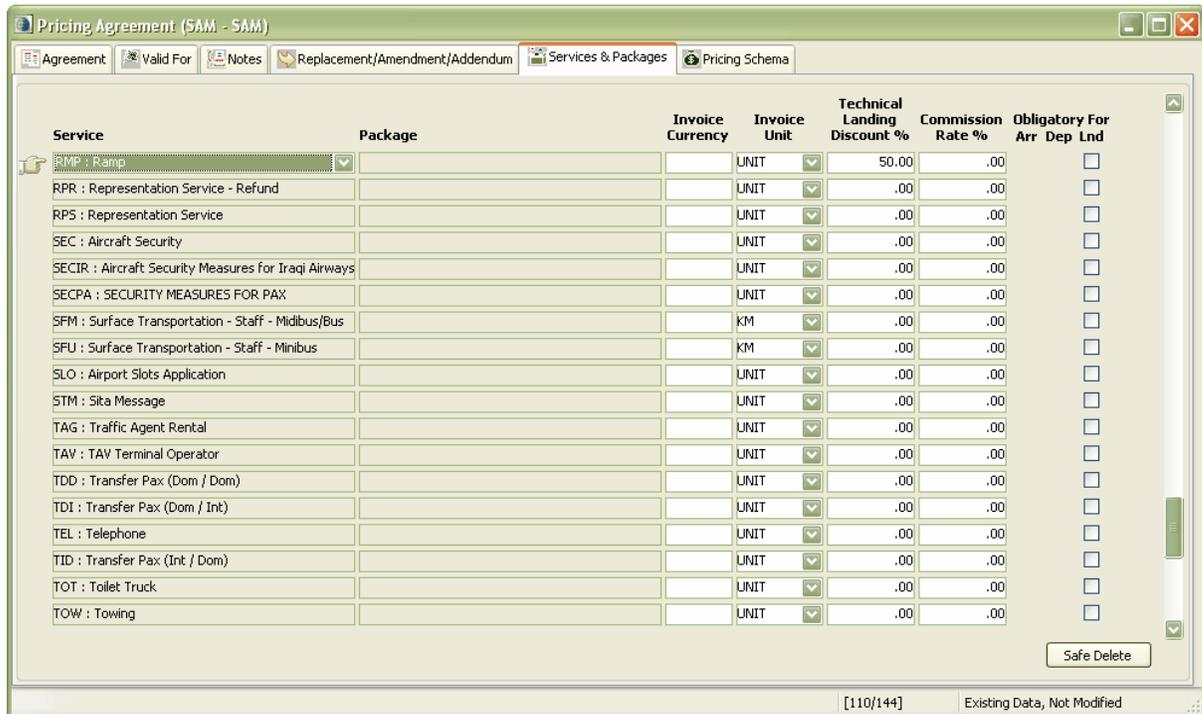
It is possible that one agreement is a replacement, amendment or addendum to another agreement. This screen permits to define those situations:



This screen has informative purposes only.

6.1.5 Services and Packages

This is where we define the services and/or packages that are in the scope of this agreement.



When a service or package is defined, its apply-context is defined and can be arrival, departure, landed and ground. From this screen, we can mark one service as obligatory using the check boxes at the right side of the screen. Which check boxes are valid to be selected is defined in the service definition screen.

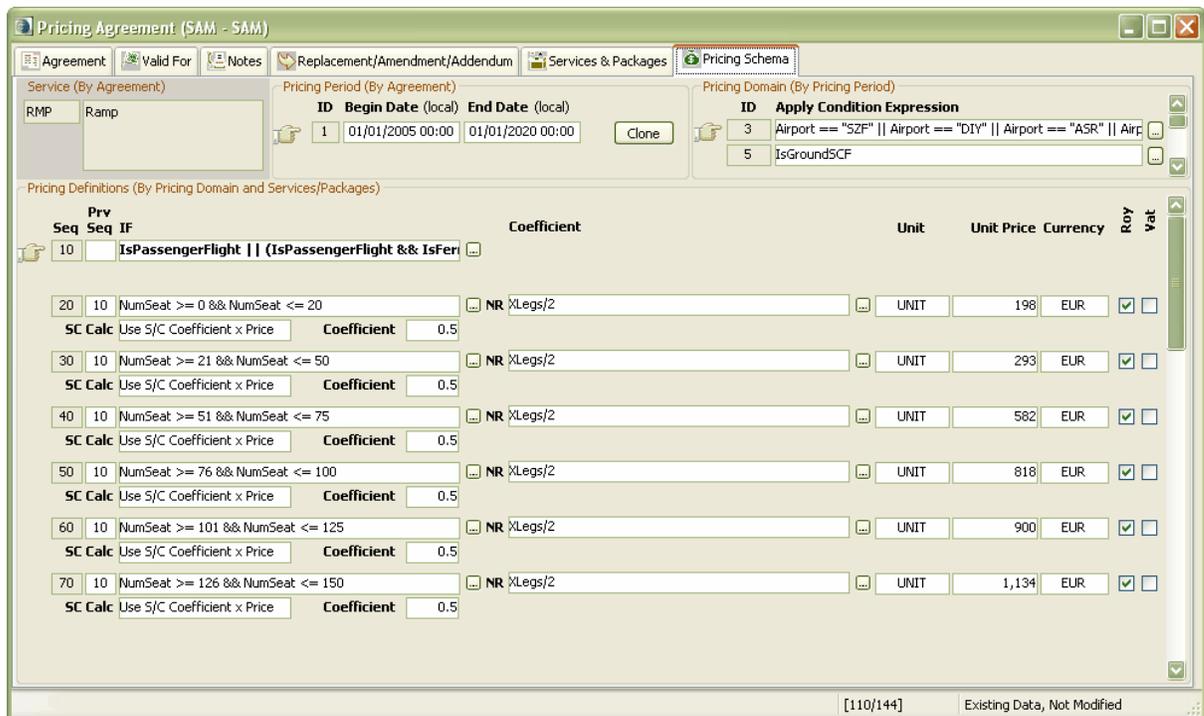
Here, if defined, invoice currency can override what is chosen in the main agreement screen. Invoice unit must be defined and tells Celebris what unit to be printed at the invoice service details no matter what unit was used in the service charge form.

In Celebris a landing can be marked as a technical landing. For example an emergency landing or a landing with the sole purpose of fuel addition etc. Here a technical landing discount can be defined for a service and it is applied as an additional coefficient to the calculated price if the landing is technical.

Commission rate, if defined, can be used in price definitions as an extra variable, which shows the percent of the commission.

6.1.6 Pricing Schema

Pricing schema is defined for a service (or package). The prices are defined according to the pricing period which shows the dates the schema is valid and the pricing domains.



A pricing period defines the active periods of the defined pricing schemas. There can be any number of pricing periods defined within one agreement. It is also possible to clone a schema under a pricing period to another period easily.

Every pricing period contains at least one pricing domain and each pricing domain has a pricing schema attached to it. There can be any number of pricing domains defined under a pricing period. It is not mandatory to enter an apply condition for a default domain, but if there are basic common conditions where the prices differ accordingly, it is better to define them as pricing domain conditions than to repeat the same condition in every line of the pricing schema. Pricing domain is the first place when trying to find a price for a service (or package). The first apply condition satisfied at the domain level specifies the domain to be used and calculation uses the pricing schema of that domain.

Prices can be defined using nested IF sequences. To define a nested IF sequence, prev seq must point the seq for the containing IF.

A price is unit price * coefficient * service quantity in the service charge form. A unit conversion will take place if the unit in the service charge is not the same unit indicated here. A price can be given as royalty included/excluded and/or VAT (value added tax) included/excluded.

For formula parsing, the open source JEP mathematical expression parser is used. There are a plenty of predefined formula variables and functions. However, any information that is being tracked by Celebris can be added as a function or variable depending on its nature.

Here is the list of some predefined context variables:

Variable	Description	Type
PAXarr	Arrival flight passenger count	Numeric
PAXdep	Departure flight passenger count	Numeric
PAXin	Inen yolcu sayisi	Numeric
PAXout	Outgoing passenger count	Numeric
PAXTransit	Number Of Transit Passengers	Numeric
PAXTransit	Number Of Transit Passengers	Numeric
PckHasTrf	True if Traffic service is given within this package.	Booelan
PckHasTrf	True if Traffic service is given within this package.	Booelan
BLOF	Blocks Off Time for the outgoing flights	Datetime

RoyLegs	Number of Legs, returns 2 for true one leg flights after flight merge	Numeric
RoyLegs	Number of Legs, returns 2 for true one leg flights after flight merge	Numeric
RoySvcTotQtyLT	Total Quantity of the services causing a Royalty in one SCF in Liters	Numeric
RoySvcTotQtyLT	Total Quantity of the services causing a Royalty in one SCF in Liters	Numeric
ScfHasExtrRmp	True if there are more than one RMP services defined in SCF	Booelan
ScfHasExtrRmp	True if there are more than one RMP services defined in SCF	Booelan
ScfHasExtrTrf	True if there are more than one TRF services defined in SCF	Booelan
ScfHasExtrTrf	True if there are more than one TRF services defined in SCF	Booelan
STA	Arrival Flight Scheduled Time of Arrival	Datetime
STD	Departure Flight Scheduled Time of Departure	Datetime
SvcQty	Service quantity	Numeric
SvcQty	Service quantity	Numeric
SvcTime15Min	Service time in 15 minutes	Numeric
SvcTime15Min	Service time in 15 minutes	Numeric
SvcTime15Min2Hr	Service time in 15 minutes in 2 hours range	Numeric
SvcTime15Min2Hr	Service time in 15 minutes in 2 hours range	Numeric
SvcTime30Min	Service time in 30 minutes	Numeric
SvcTime30Min	Service time in 30 minutes	Numeric
SvcTimeHr	Service time in hours	Numeric
SvcTimeHr	Service time in hours	Numeric
SvcTimeHr2Hr	Service time in hours in 2 hours range	Numeric
SvcTimeHr2Hr	Service time in hours in 2 hours range	Numeric
SvcTimeMin	Service time in minutes	Numeric
SvcTimeMin	Service time in minutes	Numeric
SvcTimeMin2Hr	Service time in minutes in 2 hours range	Numeric
SvcTimeMin2Hr	Service time in minutes in 2 hours range	Numeric
SvcTotQty	Total Quantity of the service in one SCF	Numeric
SvcTotQty	Total Quantity of the service in one SCF	Numeric
SvcTotQty2Hr	Total Quantity of the service in one SCF in 2 hours range	Numeric
SvcTotQty2Hr	Total Quantity of the service in one SCF in 2 hours range	Numeric
TotSvcQty	Total Quantity of the service in one SCF	Numeric
TotSvcQty	Total Quantity of the service in one SCF	Numeric
UnitPrice	Defined unit price for that pricing line	Numeric
UnitPrice	Defined unit price for that pricing line	Numeric
XLegs	Number of legs of landed(Always 2 for International Airlines)	Numeric
GroundTime	Ground Time (ATD - ATA)	Datetime
APClassA	is Airport class A	Booelan
APClassB	is Airport class B	Booelan
APClassC	is Airport class C	Booelan
atRemote	Airplane at Remote Position	Booelan
onJetway	Airplane on Jetway	Booelan
Turk	is Flight Type(Legacy Code Def) Turk	Booelan
Charter	is Flight Type(Legacy Code Def) Charter	Booelan
Cargo	is Flight Type(Legacy Code Def) Cargo	Booelan
Scheduled	is Flight Type(Legacy Code Def) Scheduled	Booelan
Domestic	is Flight Domestic	Booelan
PaxArr	total number of passengers on arrival flight	Numeric
PaxDep	total number of passengers on departue flight	Numeric
PaxArrC	total number of C Class passengers on arrival flight	Numeric
PaxDepC	total number of C Class passengers on departue flight	Numeric
PaxIn	number of Pax coming in out of the plane	Numeric
PaxOut	number of Pax going out on the plane	Numeric
AP	Airport Code	String

ArrOnJetWay	Arrival park position on Jet Way	Booelan
DepOnJetWay	Departure park position on Jet Way	Booelan
DepAtRemote	Departure park position at Remote Position	Booelan
ArrAtRemote	Arrival park position at Remote Position	Booelan
BLON	Blocks On Time for the incoming flight	Datetime
BaggWghtTon	Total baggage in + out weight Ceiled to Ton - same with BaggRoy	Numeric
BaggWghtTon	Total baggage in + out weight Ceiled to Ton - same with BaggRoy	Numeric
BillingCurrency	Billing Currency of the Service or Package	String
BillingCurrency	Billing Currency of the Service or Package	String
CargoArrKg	Cargo Arrival Total Weight in Kilograms	Numeric
CargoArrTon	Cargo Arrival Total Weight in Ceiled Tons	Numeric
CargoDepKg	Cargo Departure Total Weight in Kilograms	Numeric
CargoDepTon	Cargo Departure Total Weight in Ceiled Tons	Numeric
CargoInKg	Cargo In in Kg	Numeric
CargoOutKg	Cargo Out in Kg	Numeric
CargoRoy	Total cargo in + out weight for royalty calculations consideration	Numeric
CargoRoy	Total cargo in + out weight for royalty calculations consideration	Numeric
CargoWghtKg	Total cargo in + out weight in Kilograms	Numeric
CargoWghtTon	Total cargo weight for royalty calculations consideration	Numeric
CargoWghtTon	Total cargo weight for royalty calculations consideration	Numeric
CCommRate	Commission Rate from the Initial Agreement divided by 100	Numeric
CCommRate	Commission Rate from the Initial Agreement divided by 100	Numeric
CExtPrice	External Price Total For Commission	Numeric
CExtPrice	External Price Total For Commission	Numeric
ETA	Arrival Flight Estimated Time of Arrival	Datetime
ETD	Departure Flight Estimated Time of Departure	Datetime
ExtCompany	The External Company's Code that has given the service	String
ExtCompany	The External Company's Code that has given the service	String
ExtCurr	External Price Currency Cod	String
ExtCurr	External Price Currency Cod	String
ExtPrice	External Price	Numeric
ExtPrice	External Price	Numeric
FUELGalUK	Fuel Amount in UK Gallons	Numeric
FUELGalUK	Fuel Amount in UK Gallons	Numeric
FUELGalUS	Fuel Amount in US Gallons	Numeric
FUELGalUS	Fuel Amount in US Gallons	Numeric
FUELLt	Fuel Amount in Liters	Numeric
FUELLt	Fuel Amount in Liters	Numeric
InvCurrency	Invoice Currency	String
InvCurrency	Invoice Currency	String
IsArr	If the Landed has an arrival leg before merge operation	Numeric
IsBaggageFlight	True if flight load type includes baggage	Booelan
IsBaggageFlight	True if flight load type includes baggage	Booelan
IsCargoBULK	True if cargo is Bulk	Booelan
IsCargoBULK	True if cargo is Bulk	Booelan
IsCargoFlight	True if flight load type includes cargo	Booelan
IsCargoFlight	True if flight load type includes cargo	Booelan
IsCargoULD	True if cargo is ULD	Booelan
IsCargoULD	True if cargo is ULD	Booelan
IsCharter	True for charter flights	Booelan
IsCharter	True for charter flights	Booelan
IsCombiFlight	True if flight load type is combi(passenger & baggage)	Booelan
IsCombiFlight	True if flight load type is combi(passenger & baggage)	Booelan

IsDep	If the Landed has a departure leg before merge operation	Numeric
IsDHMIMainAirport	True if landed airport is one of DHMI main airports	Booelan
IsDHMIMainAirport	True if landed airport is one of DHMI main airports	Booelan
IsDomesticFlight	True if flight is domestic	Booelan
IsDomesticFlight	True if flight is domestic	Booelan
IsExternalSvc	Is the Service given by another company	Booelan
IsExternalSvc	Is the Service given by another company	Booelan
IsFerryFlight	True if flight load type is ferry	Booelan
IsFerryFlight	True if flight load type is ferry	Booelan
IsGeneralAviation	True if flight is general aviation	Booelan
IsGeneralAviation	True if flight is general aviation	Booelan
IsGroundSCF	True if service charge form type is ground (maintenance)	Booelan
IsGroundSCF	True if service charge form type is ground (maintenance)	Booelan
IsInternationalFlight	True if flight is international	Booelan
IsInternationalFlight	True if flight is international	Booelan
IsMilitaryFlight	True if flight is military	Booelan
IsMilitaryFlight	True if flight is military	Booelan
IsNormalSCF	True if service charge form type is regular (landed)	Booelan
IsNormalSCF	True if service charge form type is regular (landed)	Booelan
IsPassengerFlight	True if flight load type includes passenger	Booelan
IsPassengerFlight	True if flight load type includes passenger	Booelan
IsScheduled	True for scheduled flights	Booelan
IsScheduled	True for scheduled flights	Booelan
IsTechnical	Technical Landing	Booelan
IsTransit	True if the landing is transit	Booelan
IsTransit	True if the landing is transit	Booelan
LandingCntMonth	The Number of Landings for that Month	Numeric
LandingCntMonth	The Number of Landings for that Month	Numeric
LandingCntYear	The Number Of Yearly Landings (Start of year -	Numeric
LandingCntYear	The Number Of Yearly Landings (Start of year -	Numeric
Leg	later	Numeric
Legs	Number of legs of landed	Numeric
MTOW	Maximum take-off weight	Numeric
MTOW	Maximum take-off weight	Numeric
NumPAX	Number Of Passengers	Numeric
NumPAX	Number Of Passengers	Numeric
NumSeat	Number of seats (seat capacity)	Numeric
NumSeat	Number of seats (seat capacity)	Numeric
ACModel	Aircraft Model Code	String
ACModel	Aircraft Model Code	String
ACModelICAO	ICAO Code of the AirCraft Model	String
ACModelICAO	ICAO Code of the AirCraft Model	String
Airline	Airline Code	String
Airline	Airline Code	String
Airport	Landed Airport	String
Airport	Landed Airport	String
AirportOfArrival	Arrival Airport	String
AirportOfDeparture	Departure Airport	String
ATA	Arrival Flight Actual Time of Arrival	Datetime
ATD	Departure Flight Actual Time of Departure	Datetime
BaggArrKg	Baggage Arrival Total Weight in Kilograms	Numeric
BaggArrTon	Baggage Arrival Total Weight in Ceiled Tons	Numeric
BaggDepKg	Baggage Departure Total Weight in Kilograms	Numeric

BaggDepTon	Baggage Departure Total Weight in Ceiled Tons	Numeric
BaggInKg	Baggage In in KG	Numeric
BaggOutKg	Baggage Out in KG	Numeric
BaggRoy	Total baggage in + out weight Ceiled to Ton, for royalty calculations consideration	Numeric
BaggRoy	Total baggage in + out weight Ceiled to Ton, for royalty calculations consideration	Numeric
BaggWghtKg	Total baggage in + out weight in Kilograms	Numeric

6.1.7 Formula Editor

For formula entries, there is an expression editor to ease the formula entries:

Boolean Expression

Pricing: Apply-Condition Expression

NumSeat >= 0 && NumSeat <= 20

Ok
Cancel
Verify
Help
Load/Save

Operators Functions (dbl-click) Context Variables for Context Type: Landed

Variable	Description	Type
ACModel	Aircraft Model Code	String
ACModelICAO	ICAO Code of the AirCraft Model	String
Airline	Airline Code	String
Airport	Landed Airport	String
AirportOfArrival	Arrival Airport	String
AirportOfDeparture	Departure Airport	String
BaggArrKg	Baggage Arrival Total Weight in Kilograms	Numeric

ACModel ACModelICAO

Some commonly used expression types can also be saved here for future reference.

6.2 Agreement Reports

6.2.1 Agreement Report

The agreements report lists the agreements in an easily comprehensible manner to track agreements for the specific companies and the airports. Here is the report filter:

Choosing the first company is obligatory and the rest of the fields are optional. Here is a sample output for this report:

ID	Code	Company Name	Group	Annex	Status	Type	Parent ID	Valid From	Valid Until	Pricing Period	Pay Type	Pay Days	Post Days	Bill Cur	Roy Cur	3rd Cur	Fin Inst	Fin Conv	Airport	Airline	Repr
504	BPS	BUDAPEST AIRCRAFT SERVICES Kft.	Handling	1.0	Draft	Standalone		25/06/2006	31/12/2006	1-3-2	Weekly	ADVN	0	0	TRY	EUR	√	TCMB	Sell		42
505	BPS	BUDAPEST AIRCRAFT SERVICES Kft.	Cargo	1.0	Draft	Standalone		25/06/2006	31/12/2006	1-3-2	Monthly	ADVN	7	0	TRY	EUR		TCMB	Sell		
506	IBE	IBERIA Lineas Aereas de Espana S.A.	Handling	1.0	Draft	Standalone		30/06/2006	29/06/2007	1-3-2	2 weeks	CRED	30	0	EUR	EUR		TCMB	Sell		
507	NTR	TNT International Aviation Services	Handling	1.4	Draft	Standalone		26/06/2006	26/10/2009	1-3-2	10 days	CRED	15	5	EUR	EUR		TCMB	Sell		
508	NTR	TNT International Aviation Services	Cargo	1.3	Draft	Standalone		26/06/2006	26/06/2007	1-3-2-4	10 days	CRED	15	5	EUR	EUR		TCMB	Sell		
509	TVS	TRAVEL SERVICE a.s.	Handling	1.2	Draft	Standalone		17/07/2006	17/07/2008	1-3-2-4	10 days	CRED	7		EUR	EUR		TCMB	Sell	ADA	13
			Handling	1.2	Draft	Standalone		17/07/2006	17/07/2008	1-3-2-4	10 days	CRED	7		EUR	EUR		TCMB	Sell	TXZ	13
			Handling	1.2	Draft	Standalone		17/07/2006	17/07/2008	1-3-2-4	10 days	CRED	7		EUR	EUR		TCMB	Sell	IST	13
			Handling	1.2	Draft	Standalone		17/07/2006	17/07/2008	1-3-2-4	10 days	CRED	7		EUR	EUR		TCMB	Sell	ESB	13
			Handling	1.2	Draft	Standalone		17/07/2006	17/07/2008	1-3-2-4	10 days	CRED	7		EUR	EUR		TCMB	Sell	DUM	13
			Handling	1.2	Draft	Standalone		17/07/2006	17/07/2008	1-3-2-4	10 days	CRED	7		EUR	EUR		TCMB	Sell	ADB	13
			Handling	1.2	Draft	Standalone		17/07/2006	17/07/2008	1-3-2-4	10 days	CRED	7		EUR	EUR		TCMB	Sell	BJV	13
			Handling	1.2	Draft	Standalone		17/07/2006	17/07/2008	1-3-2-4	10 days	CRED	7		EUR	EUR		TCMB	Sell	AYT	13
512	PGT	PEGASUS AIRLINES	Handling	B.2.0	Draft	Standalone		30/06/2006	30/06/2009	1-3-2	Weekly	CRED	7	0	TRY	EUR	√	TCMB	Sell	SZF	
514	PGT	PEGASUS AIRLINES	Cargo	B.2.0	Draft	Standalone		30/06/2006	30/06/2009	1-3-2	Monthly	CRED	7	0	TRY	EUR	√	TCMB	Sell	SZF	
518	PGT	PEGASUS AIRLINES	Cargo	B.1.0	Draft	Standalone		20/10/2005	31/12/2006	1-3-2	Monthly	CRED	7	0	USD	EUR	√	TCMB	Sell	VAN	
519	CNA	CENTRAL EUROPEAN AVIATION	Handling	B.1.0	Draft	Standalone		31/05/2006	31/12/2020	1-3-2-4	Weekly	CRED			EUR	EUR		TCMB	Sell	ADA	13
			Handling	B.1.0	Draft	Standalone		31/05/2006	31/12/2020	1-3-2-4	Weekly	CRED			EUR	EUR		TCMB	Sell	ADB	13
			Handling	B.1.0	Draft	Standalone		31/05/2006	31/12/2020	1-3-2-4	Weekly	CRED			EUR	EUR		TCMB	Sell	BJV	13
			Handling	B.1.0	Draft	Standalone		31/05/2006	31/12/2020	1-3-2-4	Weekly	CRED			EUR	EUR		TCMB	Sell	ESB	13
			Handling	B.1.0	Draft	Standalone		31/05/2006	31/12/2020	1-3-2-4	Weekly	CRED			EUR	EUR		TCMB	Sell	TEQ	13
			Handling	B.1.0	Draft	Standalone		31/05/2006	31/12/2020	1-3-2-4	Weekly	CRED			EUR	EUR		TCMB	Sell	IST	13
			Handling	B.1.0	Draft	Standalone		31/05/2006	31/12/2020	1-3-2-4	Weekly	CRED			EUR	EUR		TCMB	Sell	DUM	13
			Handling	B.1.0	Draft	Standalone		31/05/2006	31/12/2020	1-3-2-4	Weekly	CRED			EUR	EUR		TCMB	Sell	AYT	13
520	IRA	IRAN AIR	Handling	B.1.0	Draft	Standalone		30/06/2006	30/12/2006	1-3-2-4	Weekly	CRED	7	0	EUR	EUR		TCMB	Sell		
521	KZR	AIR ASTANA Joint-Stock Company	Handling	1.0	Draft	Standalone		14/07/2006	31/12/2006	1-3-2-4	Weekly	CRED	0	0	EUR	EUR		TCMB	Sell	ADA	03

The company names are not repeated if same. This increases the readability of the report.

Part



7 Flight Information System

Celebris flight information system is a self-updating, user friendly module to help ease the manual operations of the operations department.

7.1 Flight Information System Menu



7.2 Airport

An airport definition is comprised of airport definition itself, park positions, gate and counter information and operator companies in that airport. Lets see each of them:

7.2.1 Airport Main Definition

An airport has a ground handling company based code, an iata and icao code. An operational airport (at which the ground handling company operates) must have an airport authority company. The airport authority company is the company which gives the handling company authorization to operate and give the specific services at that airport and charges royalty for this grant. Royalty prices are defined and calculated by means of the [related services](#) and the airport authority [pricing definitions](#).

Airport - Park Positions

Code IST **Status** In Use

Name Atatürk **Certificate Type** IATA + ICAO

IATA IST **Country** TR - Turkey

ICAO LTBA **Subdivision** 34 - Istanbul

A/P Authority DHMI : Devlet Hava Meydanları İşletmesi **Location** YES - Yesilköy

Additional Info Atatürk

Airport Options

- Civil Airbase
- Military Airbase

[1/1] Existing Data, Not Modified

7.2.2 Airport Park Positions

Airport park position per airport are defined at this screen: .

Code	Name
A1	AÇIK POZİSYONLAR
A10	ESKİ W-2
A11	AÇIK POZİSYONLAR
A12	AÇIK POZİSYONLAR
A13	WEST APRON-W4
A14	AÇIK POZİSYON
A2	AÇIK POZİSYONLAR

Code	Name
W1	W4
W2	W4
W3	W4
Y.P	YENİ PİST

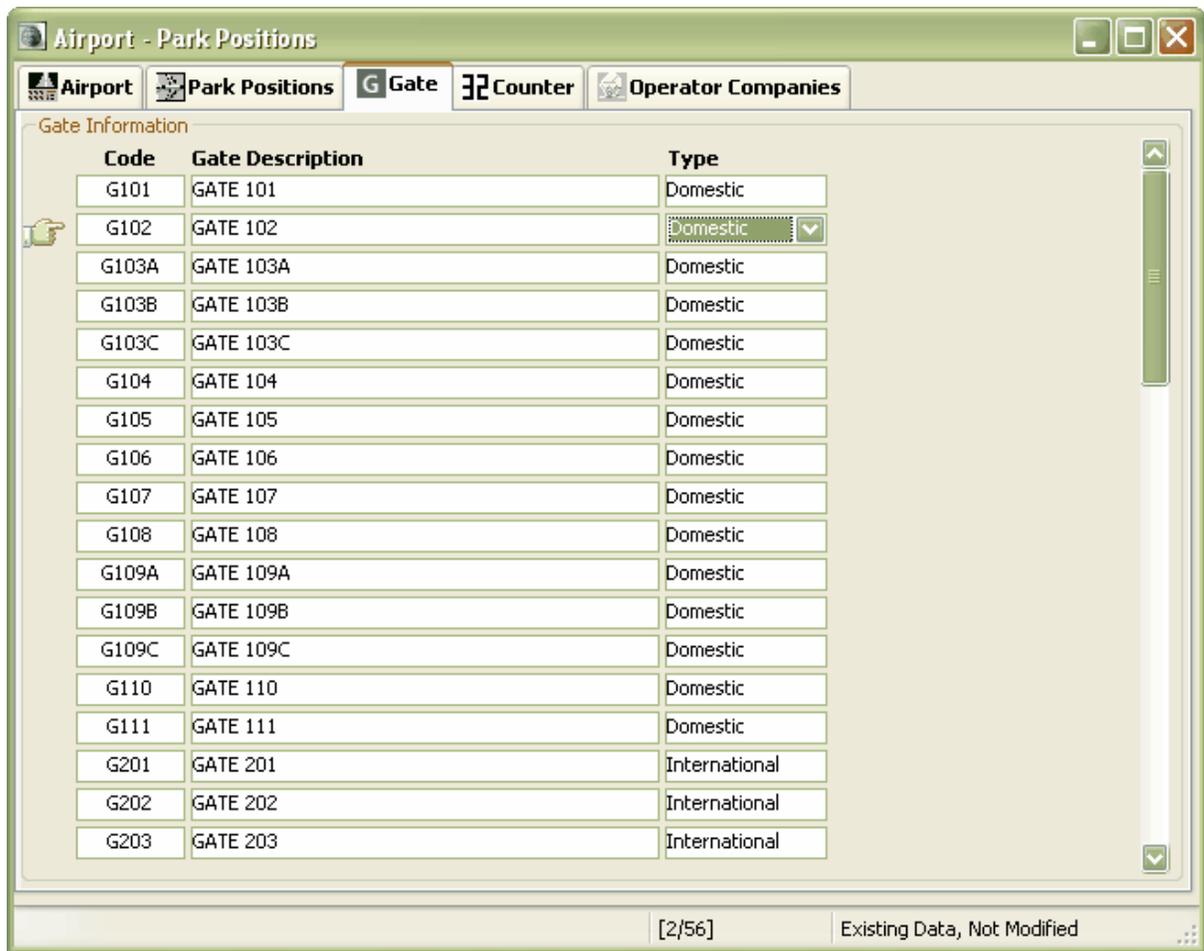
Bridge
 Open Parking Position

[5/14] Existing Data, Not Modified

All park positions belong to a parking area (easy grouping) and their type can be a open park position or bridge (or both).

7.2.3 Gate

Gate definitions for that airport are made in this tab. A gate can be selected to be used by domestic, international or both domestic and international boarding.



In Celebris, gate definitions are for descriptive purposes. However, they can be in operational use by the 3rd party roster software like Inform GroundStar.

7.2.4 Counter

Counter information for that airport is defined in this tab. A counter can be marked as either domestic, international or both domestic and international.

Code	Counter Description	Type
A_D	A COUNTERS DOMESTIC LINES	Domestic
A_I	A COUNTERS INTERNATIONAL LINES	International
B_D	B COUNTERS DOMESTIC LINES	Domestic
B_I	B COUNTERS INTERNATIONAL LINES	International
C_D	C COUNTERS DOMESTIC LINES	Domestic
C_I	C COUNTERS INTERNATIONAL LINES	International
D_D	D COUNTERS DOMESTIC LINES	Domestic
D_I	D COUNTERS INTERNATIONAL LINES	International
E_D	E COUNTERS DOMESTIC LINES	Domestic
E_I	E COUNTERS INTERNATIONAL LINES	International
F_D	F COUNTERS DOMESTIC LINES	Domestic
G_D	G COUNTERS DOMESTIC LINES	Domestic
G_I	G COUNTERS INTERNATIONAL LINES	International
H_D	H COUNTERS DOMESTIC LINES	Domestic
H_I	H COUNTERS INTERNATIONAL LINES	International

In Celebris, counter definitions are for descriptive purposes. However, they can be in operational use by the 3rd party roster software like Inform GroundStar.

7.2.5 Operator Companies

Companies that exist and are approved to give services on that airport are defined here. These definitions will be used in the service charge form screen on external company selections for that airport. For example, like Shell on fuel-oil service.

Operator Companies

Company

SAM : SAMPLE COMPANY

THY : TURKISH AIRLINES

DHMI : Devlet Hava Meydanları İşletmesi

TAV : Tepe Akfen Wie

HWS : Havaş

MNG : MNG

LSG : LSG - Sancak Catering

GGT : Gate Gourmet

PO : Petrol Ofisi

SHL : Shell Oil

Operator Company Additional Properties

Ground Handling

Security

Terminal Operator

Air Traffic Controller

Transportation

Catering

Cargo

Fuel Provider

Operator Company Branches

02 : Istanbul

00 : Genel Müdürlük

[1/1] Existing Data, Not Modified

The operator company branches of the ground handling company must be defined only if this airport is an operational airport.

7.3 Airport Groups

Airports can be grouped to make up airport groups for reporting purposes or to be used at the pricing formulas.

Code	Name	Description
A	Group A Airports	
B	Group B Airports	
C	Group C Airports	

Member Airports

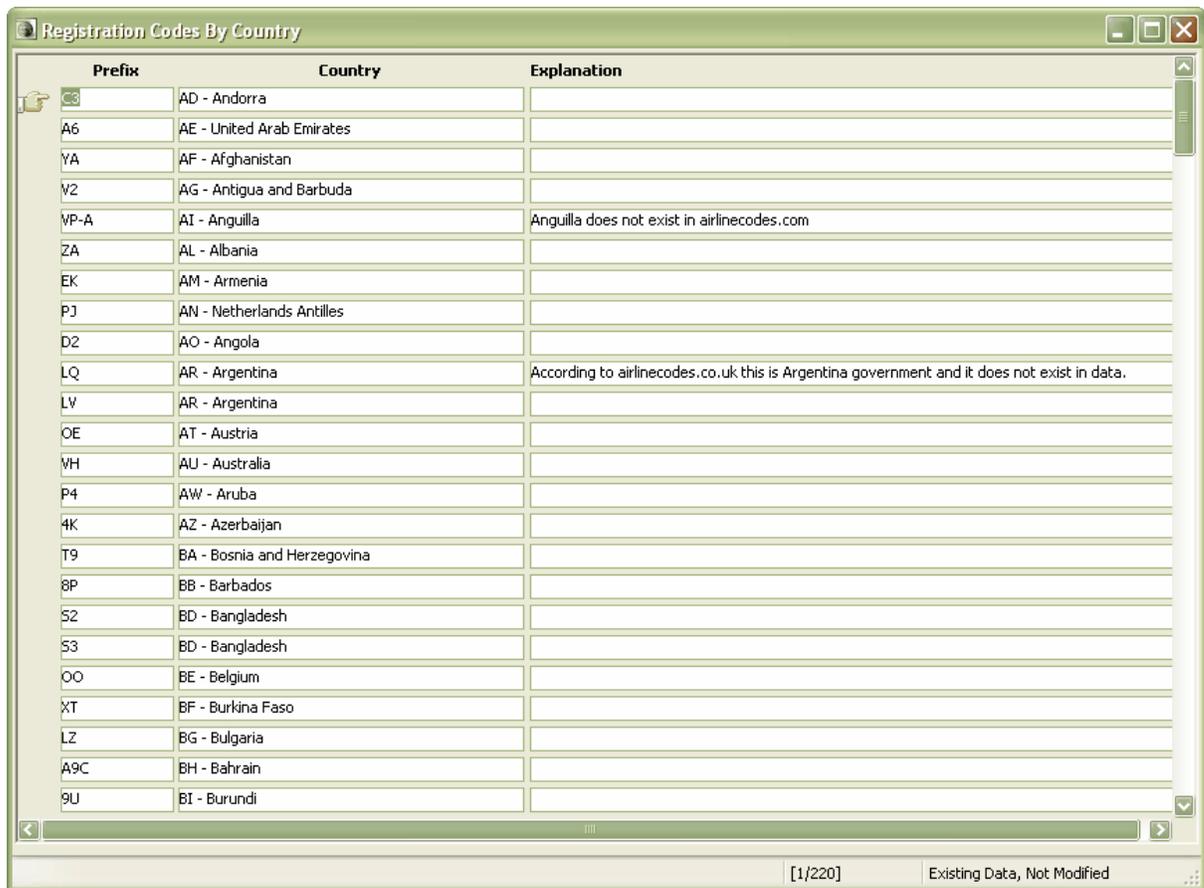
Airport

- ADB - Adnan Menderes Arpt
- BJV - Milas Airport
- DLM - Dalaman
- ESB - Esenboga

[1/3] Existing Data, Not Modified

7.4 Registration Codes By Country

This screen is used to define the registration prefixes by a country. The definitions in this screen is used for importing aircraft fleet data from Buchair JP, otherwise it is only informational.



Prefix	Country	Explanation
CS	AD - Andorra	
A6	AE - United Arab Emirates	
YA	AF - Afghanistan	
V2	AG - Antigua and Barbuda	
VP-A	AI - Anguilla	Anguilla does not exist in airlinecodes.com
ZA	AL - Albania	
EK	AM - Armenia	
PJ	AN - Netherlands Antilles	
D2	AO - Angola	
LQ	AR - Argentina	According to airlinecodes.co.uk this is Argentina government and it does not exist in data.
LV	AR - Argentina	
OE	AT - Austria	
VH	AU - Australia	
P4	AW - Aruba	
4K	AZ - Azerbaijan	
T9	BA - Bosnia and Herzegovina	
8P	BB - Barbados	
S2	BD - Bangladesh	
S3	BD - Bangladesh	
OO	BE - Belgium	
XT	BF - Burkina Faso	
LZ	BG - Bulgaria	
A9C	BH - Bahrain	
9U	BI - Burundi	

[1/220] Existing Data, Not Modified

7.5 Delay Codes

Delay Code Group

Group ID	Name	Description
1	IATA	IATA delay code group.

Delay Code

H1	H2	H3	Num	Sub Num	Alpha	Sub Alpha	Name	Description
1							STANDARD CODES	
1	1		02				A/C CONFIGURATION CHANGE	
1	1		09				SCHEDULED GROUND TIME LESS THAN DECLARED MINIMUM GROUND TIME	
1	2						OTHERS	
1	2		06		OA		NO GATE/STAND AVAILABILITY DUE TO OWN AIRLINE ACTIVITY	
1	3						PASSENGER AND BAGGAGE	
1	3		11		PD		LATE CHECK IN, ACCEPTANCE AFTER DEADLINE	
1	3		11	A	PD	A	Late acceptance beyond deadline(inc. Standby/VIPs)	
1	3		11	B	PD	B	Excess bag. charges problem	
1	3		11	C	PD	D	Psgr acceptance from another flt	
1	3		11	D	PD	G	Group handling	
1	3		11	E	PD	T	Psgr late report due to road/train congestion	
1	3		11	F	PD	W	Psgr late reporting due to advers weather	
1	3		11	G			Late tour opr. transfer	
1	3		11	H			Late pax acceptance dueto Rep's request	
1	3		12		PL		LATE CHECK-IN/CONGESTION IN CHECKIN AREA	
1	3		12	A	PL	C	Congestion at CK-in area caused by capacity constraints	
1	3		12	B	PL	L	Due to lack of checkin staff	
1	3		12	C			Due to lack of counter	

Delay codes are for the delay code groups. It is possible to define delay code groups when necessary. For example, if an airline uses its own delay codes, those delay codes can also be defined at this screen.

Both numeric and alphanumeric delay code definitions can be made. The delay code group that airline uses and sub codes (numeric or alphanumeric) are specified at the [airline](#) screen after they are defined here.

The delay codes will then be used in sita message generation.

H1, H2 and H3 are the headers so that it is possible to generate sequential, well-justified delay code group reports.

7.6 Delay Code Cross References

Delay code cross references defines the cross references between two different delay code groups.

7.7 Airline

Iata and Icao codes of the airline, registration prefix, delay code group and code preference is defined here. On

the right side of the screen, flight type and schedule types indicate the most frequent use of those fields by this airline. The value of those fields will be used by the flight information screen data entry validations.

An airline can be a property of either a company or a person. In this screen, airline specific information is entered. Additional information about the airline's company is entered separately using the company screen.

7.8 Airline Representatives



The screenshot shows a window titled "Airline Representatives" with a table of data. The table has three columns: "Company", "Code", and "Short Name". The data is as follows:

Company	Code	Short Name
SAM : SAMPLE COMPANY	01	SAM
11 : CRESTA	11	CRESTA
20 : AQUA TRANS	20	AQUA
18 : GOLD AIR	18	GOLD
14 : AOG	14	AOG
05 : VILA EVROPYEM	05	VILA
15 : ADRIYATIK	15	ADRIYATIK
36 : OLIMPIK	36	OLIMPIK
03 : FLY SERVİS HAVA TAŞ. KARGO A.Ş.	03	FLY
38 : POSITIVE TOUR	38	POSITIV
37 : H.A.K. HAVA ACİL KARGO	37	HAK
09 : KAÇKAR TUR	09	KAÇKAR
19 : AIR KARGO	19	AİR KARGO
26 : NART TOUR	26	NART
06 : PERA HAVACILIK VE TURİZM	06	PERA
07 : AEROWINGS	07	AEROWINGS
10 : TREK TRAVEL INTERNATIONAL	10	TREK

At the bottom of the window, there is a status bar showing "[1/31]" and "Existing Data, Not Modified".

Airline representative companies are defined here. The company details of the representative companies are defined using the company screen. Here in this screen, the previously defined companies are marked as airline representatives. In the flight information entry screen, it will be possible to choose the representative companies from a drop down.

7.9 Airline Groups

Code TUR

Name TURKISH

Description Turkey based airline companies

Status In Use

Options

Organisation

Company

Airlines for this Group

THY - TURKISH AIRLINES

KKK - ATLASJET HAVACILIK A.S.

OHY - ONUR AIR. Tasimacilik A.S.

[1/1] Existing Data, Not Modified

Airline groups can be defined here. Those defined groups can be subject to pricing formula variables or they can be used in flight information reporting.

7.10 Aircraft Model

The screenshot shows a software window titled "Aircraft Model" with a light green border and standard window controls (minimize, maximize, close) in the top right corner. The interface is organized into several sections:

- General:** Contains fields for Model Code (320), IATA Code (320), ICAO Code (A320), Certificate Type (IATA + ICAO), Name (Airbus A320-111), Description, Relevant Info (PWRD:2 IAE V2527E-A5;SCOD:AI3202P WJ;), Noise Category (3), and Status (In Use).
- Manufacturer:** An empty text field.
- Seat Capacity:** A table with columns for class and total seats.

First Class	
Business Class	
Economy Class	
Other	
Total	174
- Options:** Radio buttons for Jet, Propeller, Helicopter, and Glider.
- Weights (Tons):** A table with columns for weight type and value.

Max Take-Off	77.00
Max Ramp	.00
Max Landing	.00
Max Zero Fuel	.00
Max Payload	.00
- Load Type:** Checkboxes for Passenger (checked), Cargo, and Baggage.
- Other:** Fields for # of Decks, # of Aisles, # of Cargo Compartments, Total Cargo Volume (.00 kg), and Hourly Fuel Consumption (.00 lt.).
- Fuel Capacity (Tons):** A table with columns for fuel type and value.

Usable Fuel	.00
Total Fuel	.00

At the bottom of the window, there is a status bar with "[1/1]" on the left and "Existing Data, Not Modified" on the right.

The aircraft model information is entered at this screen. This model information is used when defining aircraft fleet data. Available fields are IATA and ICAO codes, name, manufacturer company, noise category, seat capacity field for different classes, weights, fuel capacity and extra options like load type and cargo volume.

7.11 Model Selection Screen

Aircraft Model Selection

List all aircraft models **ICAO** **IATA** **Model Name**

List only for airline: **HHA**

<u>ICAO</u>	<u>IATA</u>	<u>Model Name</u>	<u>MTOW</u>	<u>Seat Cp</u>
A748	H57	BAe H5748 Series 1 Model 105	22.6800	48
B732	732	Boeing 737-201	58.3320	132
F27	FK7	Fairchild FH-227B	20.8650	50
F60	F27	Fairchild F-27	22.9500	56
L410	L4T	Let L410A	6.6000	20

Double-Click to choose an aircraft model, ESC to close without selecting

In this utility screen, it is easy to retrieve aircraft models thru extensive filtering capabilities. The filter field include: airline, icao and iata codes, and model name. Wildcard characters of % and _ can be used to specify any words or single characters.

7.12 Aircraft Registration Codes

The screenshot shows a software window titled "Aircraft Registration" with the following sections and fields:

- Aircraft Registration Info:**
 - Registration No: HR-ASX
 - Status: In Use
 - Airline: HHA - ATLANTIC AIRLINES DE HONDURAS S.de RL
 - Aircraft Model: L4T - (L410) - Let L410A (with a selection button)
 - Model Version: (empty)
 - Currently In: HN - Honduras, Month: 1, Year: 1987
 - Description: (empty)
 - Relevant Info: PWRD:2 WA; M-601E;CNFG:Y17;DLVD:0002;XREG:CU-T1194;SERI:8719
 - Noise Category: 0
- Other Information:**
 - # of Decks: (empty)
 - # of Cargo Compartments: (empty)
 - Total Cargo Volume: .00 kg.
 - Hourly Fuel Consumption: .00 lt.
- Seat Capacity:**
 - First Class: (empty)
 - Business Class: (empty)
 - Economy Class: (empty)
 - Other: (empty)
 - Total: 17
- Weights (Tons):**
 - Max Take-Off: 6.40
 - Max Ramp: .00
 - Max Landing: .00
 - Max Zero Fuel: .00
 - Max Payload: .00
- Fuel Capacity (Tons):**
 - Usable Fuel: .00
 - Total Fuel: .00
- Options:**
 - Jet
 - Propeller
 - Helicopter
 - Glider
- Load Type:**
 - Passenger
 - Cargo
 - Baggage
- Cargo Load Type:**
 - Bulk
 - ULD
 - Bulk+ULD

At the bottom right of the window, it displays "[1/1]" and "Existing Data, Not Modified".

Information about a particular aircraft is entered at this window. Available fields are airline, aircraft model, model version, currently in country, production month and year, noise category, seat capacity per class, weights, cargo compartments and volume. At the right side of the screen there are load type, cargo load type and additional options which can be used as the control basis of flight information entries.

In this screen, especially important is mtow and total seat capacity fields as they can be used in the pricing formula variables.

The aircraft fleet data can be transferred from Buchair JP on a regular basis, but this is optional.

The  button is used to open the aircraft model selection screen.

7.13 Registration Selection Screen

A/C Registration Selection

Airline	Registration	ICAO	IATA	Model Name		
HHA - ATLANTIC AIRLINES DE HONDURAS ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		

Registration	ICAO	IATA	Model Name	MTOW	Seat Cp
HR-ATL	F60	F27	Fairchild F-27	20.4120	46
HR-ATI	F60	F27	Fairchild F-27	19.0510	44
HR-ASX	L410	L4T	Let L410A	6.4000	17
HR-ASW	L410	L4T	Let L410A	6.4000	17
HR-ASS	L410	L4T	Let L410A	5.8000	15
HR-ASN	L410	L4T	Let L410A	6.4000	19
HR-ASM	L410	L4T	Let L410A	6.4000	19
HR-ASJ	L410	L4T	Let L410A	6.4000	19
HR-ASH	L410	L4T	Let L410A	6.4000	19
HR-ASG	L410	L4T	Let L410A	6.4000	19
HR-ASE	L410	L4T	Let L410A	6.4000	19
HR-ASD	L410	L4T	Let L410A	6.4000	19
HR-ATC	A748	H57	BAe H5748 Series 1 Model 105	21.0920	44
HR-ATN	B732	732	Boeing 737-201	56.4720	108
HR-ATM	B732	732	Boeing 737-201	56.4720	108
HR-ASK	F27	FK7	Fairchild FH-227B	20.6380	48

Double-Click to choose an aircraft registration, ESC to close without selecting 1 / 17

In this utility screen, the easy finding and selection of aircraft registrations is aimed. Filter fields are: airline, registration, icao and iata codes and model name. Wildcard characters of % and _ can be used to specify any words or single characters.

7.14 Flight Plan

Flight plan is a utility to generate scheduled flights for a particular period.

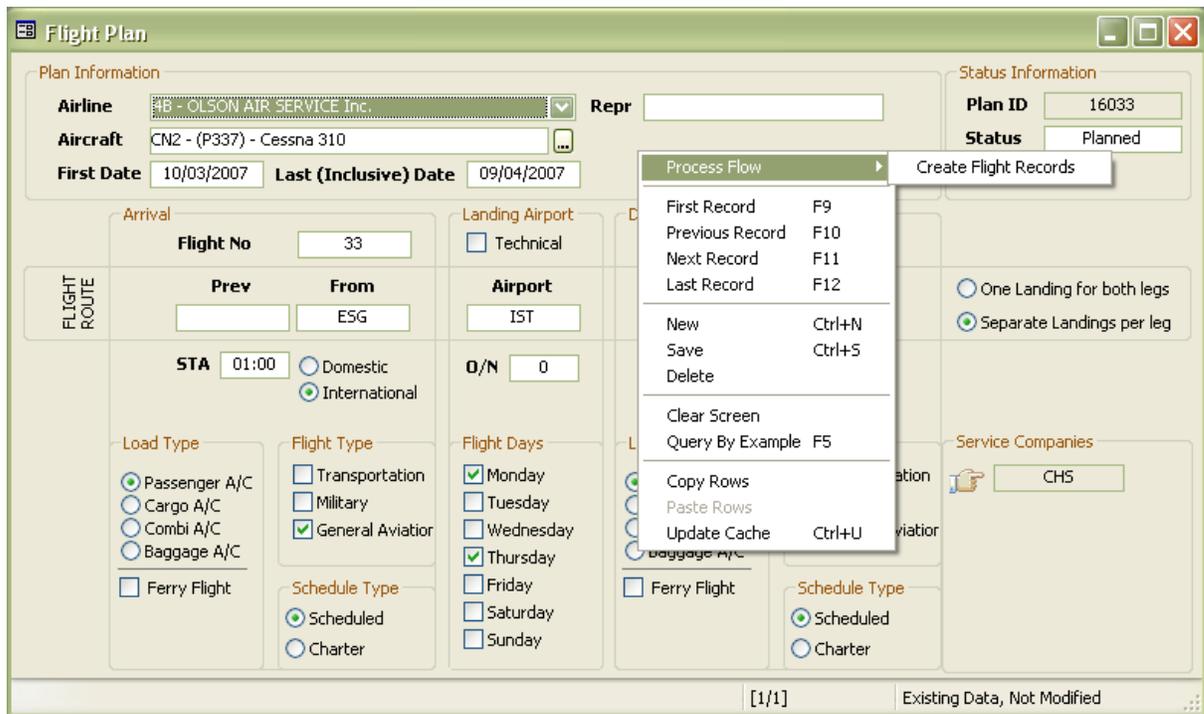
After airline and aircraft model is chosen, flight schedule dates are entered.

Arrival, departure and landing details are separated with lines. In the arrival part, flight no, previous airport, from airport, STA, domestic/international and load type, flight type and schedule type information are input. Like so, in the departure tab with one exception, STD field is used instead of STA. In the landing airport area, landing airport, overnight days (used to calculate data fields of STA and STD) and flight days are entered, and a option flag indicating if this is a known technical flight.

In Celebris, such a flight information can be generated either creating a landing record with both arrival and departure legs' information; or two separate landing records where one only have the arrival flight information and the other have only the departing flight information. It is a decision of the user or the handling company which type to choose. Our previous experience shows that handling companies use separate landings option when they want to use two different service charge forms for arrival and departure flights.

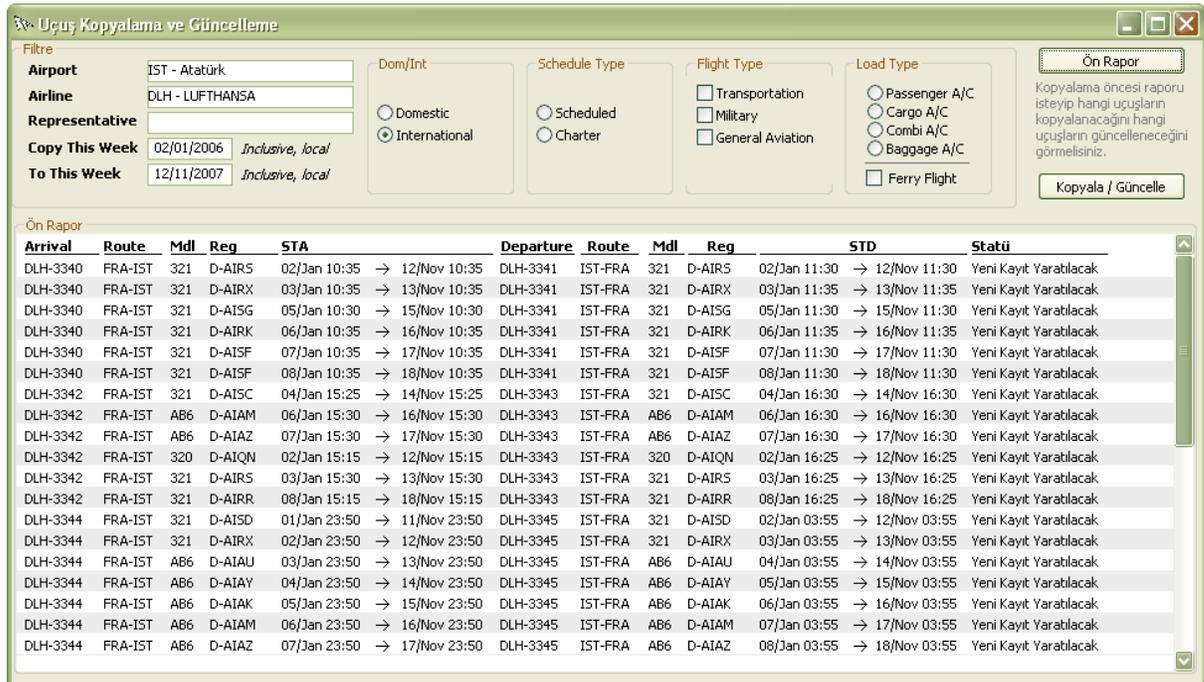
The final field in this screen is the ground handling service company. Our handling company must be entered here.

When the data entry is complete, we have to save the screen. After the screen is saved, on the upper right corner, it will display Planned in the status area. The system is now ready to generate flights for the specified period using a context sensitive menu as in the following screenshot:



After the flight records are created, it will be possible to cancel generated (but not realized) flights using a similar context sensitive menu. Status field will show 'flights created' after the planned flights are successfully generated as flight information.

7.15 Flight Copy Utility



Flight copy utility can be used to copy the filtered flights of a week starting Monday to another week starting from Monday. The usage of this screen is like this:

First, the filter values are entered. These are the dates, the airline, airport and the representative company as well as the flight characteristics like domestic/international, scheduled/charter, transportation/military/general aviation, passenger/cargo/baggage/combi, and ferry information. It is not required to enter any filter fields other than the dates, so that a broad range of flights selection can be made.

The first step in starting the copy operation is to request the report and visually see which flights will be copied (Upper right hand side button). If after visually checking the flights the operator approves the copy operation, he/she can push the upper bottom button to physically start the flight copy operation.

7.16 Landings

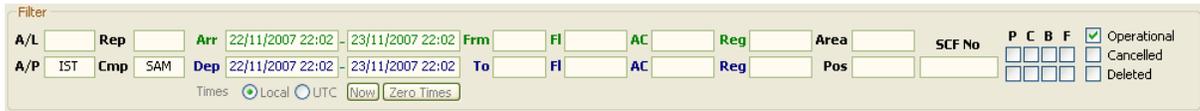
Landings screen is used to:

1. Watch the current flight information, arrivals, departures, etc.
2. Enter (input) the current flight information.
3. Enter all flight related data like flight times, delay codes, flight specific properties, messages, load types and detailed load information and all other related data about a flight.
4. See which service charge form is related to a flight and which operations employee is assigned to handle a specific flight.
5. Filter all current or past flights to find and see their detailed data.

The landings screen is the heart of the flight management and can be opened by either pressing Ctrl+Shift+L or by clicking the  icon on the menu bar or by choosing Landings from Definitions - Flight Information System menu.

The very detailed landings information is entered using the landings screen which is described in the following pages:

7.16.1 Landings Filter



The landings can be chosen by this filter. In the filter there are airline, airport, representative company, handling company, arrival and departure times, from-to, flight numbers, aircraft model and registration codes, park area and position of the landed airport, service charge form number, flight characteristics of passenger, cargo, baggage, ferry and operational data can be entered.

7.16.2 Landings Main Screen

A/L	FNo-A	From	AC-A	Reg-A	STA	ETA	ETA2	TDW	BLON	DOP	Slot-A	Prev	Repr	Park	Form No	Dps	Ag	Delay	Status-Arr	Time	Plan
XPE	345	WKO	CCJ	OE-HPK	30/10/2006	15:40	15:00	15:00	15:25	15:40	15:45			07	A13	2155499			LANDED		
IST	345	DXB	CCJ	OE-HPK	01/11/2006	14:00	12:30		12:15	12:15	12:27				W1				DEPARTED		
AYZ	9701	WKO	ILW	RA-86142	31/10/2006	20:00	20:00	19:58	20:05	20:14	20:15			36	A5	2154687			LANDED		
IST	9702	WKO	ILW	RA-86142	31/10/2006	20:30	21:00		21:50	21:50	22:13				115				DEPARTED		
DLH	3352	MUC	320	D-AIPS	31/10/2006	20:45	20:50	20:47	20:50	21:00	20:45				A3	2156313			LANDED		
IST	3353	MUC	320	D-AIPS	01/11/2006	06:20			06:17	06:27	06:20				221				DEPARTED		
CSA	434	PRG	735	OK-XGE	31/10/2006	20:45	20:44	20:40	20:54	21:02	21:03	20:45			A3	2155704			LANDED		
IST	435	PRG	735	OK-XGE	01/11/2006	05:25			05:25	05:25	05:39	04:55			202				DEPARTED		
UAEC	4871	DXB	313	A6-EFB	31/10/2006	21:10	21:25	21:23	21:25	21:35	21:37	21:10			A5	2155708			LANDED		
IST	4872	DXB	313	A6-EFB	31/10/2006	22:25			22:26	22:26	22:49	22:25			114				DEPARTED		
AFR	2390	CDG	320	F-GHQK	31/10/2006	21:25	21:38	21:20	21:30	21:41	21:41	21:25			A3	2155711			LANDED		
IST	390V	CDG	320	F-GHQK	01/11/2006	15:30	19:00		15:58	16:12	07:05				216				DEPARTED		
OHY	2258	CDG	320	TC-OAC	31/10/2006	21:55	21:50	21:45	21:48	22:00	22:02				A4	2155714			LANDED		
IST															110						
KKK	172	FRA	320	TC-OGO	31/10/2006	22:05	22:45	22:45	22:40	22:50	22:50				A1	2155715			LANDED		
IST															8						
KLM	1617	AMS	738	PH-HZM	31/10/2006	23:15	23:05	23:05	23:05	23:12	23:12	23:15			A3	2155717			LANDED		
IST	1610	AMS	738	PH-HZM	01/11/2006	03:25			03:25	03:29	03:38	03:25			206				DEPARTED		

In the landings main screen, there are many tab folders to group related data as well as the brief landings sheet.

A landing is represented in two different lines at this screen. The data in green fonts represent the data of the arriving flight, the data in blue fonts represent the data of the departure flight, the data in black fonts is the data common to one landing.

A landing can be a subject for two different service charge forms: Landed normal and landed extra. The requested service charge form screen can be opened using the correct button in the top-right area.

A landing can have one arrival and one departure flight or both. It is totally the handling company's decision whether to enter the landings separately for arrival and departure flights or as a single landed with arrival and departure flights. The choice usually depends on how many service charge forms should be kept per landing. (If the overnight value is more than 1 day, handling companies can consider creating separate landings for arrival and departure flights in order not to face delays in invoice generation). Please have a look at the [flight plan](#) screen too.

The landings screen has user friendly icons to better visualize the flight details and to make sure the handling staff is ready before the aircraft lands:



This icon indicates whether this landing contains services that are required to be collected as cash. This icon is just a heads-up because real warning is given in the service charge form screen after the services are entered. Each service can be a member of one billing group and the initial agreements define the billing periods for a company. So, before finding the initial agreements it is impossible to really decide if this landing has some cash services. Since Celebris uses the obligatory service definitions when creating a service charge form, it can decide by looking at these obligatory services and make a fore-decision whether this landing has some cash services or not. (The service charge form must be created in order for this icon to be visible).

-  This exclamation icon indicates that the arrival or departure slot times are out of the 20 minutes tolerable period. If this icon is visible near the performance sampling icon, it means that the sampling questionnaire needs user attention (there are questions to be answered about this flight).
-  This flag indicates that the aircraft has changed its park position during its stay. Double clicking this icon opens the park position change tab where the position change history can be tracked or new position change events can be saved. Double clicking this icon opens the changed positions tab.
-  This icon indicates that the aircraft is approaching. It first becomes visible before two hours of the landing time and starts to flash before half an hour.
-  This icon indicates that the aircraft has landed.
-  If flashing, this icon shows that there is less than half an hour before the aircraft departs. If not flashing, it means the aircraft has departed.
-  This icon indicates a delay in the arrival or departure of the aircraft. If flashing, it means although the scheduled arrival or departure times have passed, there is no related time data entered like touch down or take off.
-  This icon indicates that there are user-entered messages (not sita) for this landing and/or arrival/departure flights. Double clicking a visible message icon opens the related tab.
-  This icon means that the landing is picked for quality performance sampling. Double clicking on this icon will open the performance criteria information input screen for this landed.

7.16.3 Flight Details of a Landed

Arrival Flight and Departure Flight tabs of the landed screen details are explained here.

7.16.3.1 General Flight Info

Flight Info
Aircraft
Notes
Delay
Load
Pax Service
Transfer
Incoming Sita
Outgoing Sita
ARRIVAL

General Flight No: <input type="text" value="381"/> Airline: <input type="text" value="NTR - TNT I.A.S."/> From: <input type="text" value="ATH - Eleftherios Venizelos Internationa"/> To: <input type="text" value="IST - Atatürk"/> Aircraft Model: <input type="text" value="ABX - (A30B) - Airbus A300B4-103 (F)"/> Registration: <input type="text" value="OO-TZD"/> Status: <input type="text" value="Planned"/>	Departure (utc) STD: <input type="text"/> ETD: <input type="text"/> CTOT: <input type="text"/> Door Close: <input type="text"/> Blocks Off: <input type="text"/> Take Off: <input type="text"/> EET: <input type="text"/>	Arrival (utc) STA: <input type="text" value="30/09/2006 07:10"/> ETA: <input type="text" value="30/09/2006 07:09"/> ETA 2: <input type="text" value="30/09/2006 07:10"/> TouchDown: <input type="text" value="30/09/2006 07:09"/> Blocks On: <input type="text" value="30/09/2006 07:12"/> Door Open: <input type="text" value="30/09/2006 07:12"/>	
Dom/Int: <input type="radio"/> Domestic <input checked="" type="radio"/> International	Schedule Type: <input checked="" type="radio"/> Scheduled <input type="radio"/> Charter	Flight Type: <input checked="" type="checkbox"/> Transportation <input type="checkbox"/> Military <input type="checkbox"/> General Aviation	Load Type: <input type="radio"/> Passenger A/C <input checked="" type="radio"/> Cargo A/C <input type="radio"/> Combi A/C <input type="radio"/> Baggage A/C <input type="checkbox"/> Ferry Flight

In the general flight information tab, there are the flight type fields (domestic/international, scheduled/charter, transportation/military/general aviation, and load type information like passenger/cargo/combi/baggage and/or ferry flight) as well as the aircraft and flight time details.

7.16.3.2 Flight Aircraft Info

The screenshot shows the 'Flight Aircraft Info' tab selected. The interface includes a top navigation bar with icons for Flight Info, Aircraft, Notes, Delay, Load, Pax Service, Transfer, Incoming Sita, and Outgoing Sita. The 'ARRIVAL' status is displayed in the top right corner.

General

Registration: OO-TZD
 Model Code: ABX

Other Information

of Decks:
 # of Cargo Compartments:
 Total Cargo Volume:
 Hourly Fuel Consumption:

Fuel Capacity (Tons)

Usable Fuel:
 Total Fuel:

Seat Capacity

First Class:
 Business Class:
 Economy Class:
 Other:
 Total:

Weights (Tons)

Max Take-Off: 165.00
 Max Ramp:
 Max Landing:
 Max Zero Fuel:
 Max Payload:

Flight aircraft info tab is used when the aircraft related information differs from the usual aircraft information for that particular flight only. If this tab is filled with data, this data overrides the aircraft registration data for this landed only. Otherwise (if this tab is not filled with data) the [aircraft registration](#) data remains intact.

7.16.3.3 Flight Notes

The screenshot shows the 'Flight Notes' tab selected. The interface includes a top navigation bar with icons for Flight Info, Aircraft, Notes, Delay, Load, LDM, Pax Service, Transfer, Incoming Sita, and Outgoing Sita. The 'ARRIVAL' status is displayed in the top right corner.

#	Note	Note Type	Record Creation
1	Please note that there are two VIPs in this flight. Take necessary care.	Passenger	12/11/2007 01:39 gdemir

Flight notes is a facility provided by Celebris. It is not related with sita messages.

In Celebris, it is possible to enter a note about a flight with the idea of internal messaging about a flight. When a message is created about a flight, it will be seen in the landings main screen too (see [main landings screen](#)).

In Celebris, a flight and a landed are separate entities. A landed consists of two flights: one arrival and one

departure. It is possible that the arrival flight of a landed is the departure flight of another landed in another airport. Celebris cleverly assigns the previously created flight to a landed if the flight is generated using one of the two provided utilities: [flight copy](#) and [flight plan](#). Therefore, it is possible that a message about a flight entered by the staff at the departing airport is seen as a message to a flight in the arrival airport.

Flight messages are not to be confused with [landing related messages](#).

7.16.3.4 Flight Delay Information

Delay Code	Description	Delay	User
93A (RAA)	Due local ATC or temporary weather condition or airport closure	00:15	gdemir
33B	Late arrival of ramp equipment	00:10	gdemir
32 (GL)	LOADING/UNLOADING, BULKY SPECIAL LOAD, CABIN LOAD, LACK OF LO	00:00	
33A (GET)	Lack of or breakdown of ramp equipment(high loader, conveyor belt		
33B	Late arrival of ramp equipment		
33C	Lack of/ Late eqmnt operator, staff		
33D	Loading equipment provided by customer, lack of break down, lack of staff		
33 (GE)	LOADING EQUIPMENT, LACK OF OR BREAKDOWN, E.G. STEPS GROUND F		
34A (GSC)	Late or Lack of Pax coach		
34B (GSL)	Lack/ Breakdown of servicing equipment(e.g.pax step, high loader,		
34C (GSS)	Late or lack of staff		
34 (GS)	SERVICING EQUIPMENT, LACK OF OR BREAKDOWN, LACK OF STAFF,EG.		

Flight delay codes are entered here. Delay codes belong to delay code groups (see [Delay Codes](#)). A delay code group of an airline is specified in the [airline](#) screen. According to this specification, the possible delay codes appear in the delay code selection drop down (see image). A further description area is provided so that more specific information can be entered by the user. The entered descriptions appear in the SI section of the generated sita MVT messages.

The delay information from the incoming sita messages will update this tab automatically.

7.16.3.5 Flight Load Information

CREW COUNT	PAX Count (Per Class)	PAX Count (Per Wght Ctg)
Cockpit: 2	ACTUAL	Male: 50
Male: 4	Joining PAX: 8, Busin.: 68, Econo.: 68, Total: 76	Female: 26
Female: 0	PAD: 0, 0, 1, 1	Child: 0
Total Cabin: 4	Transit PAX: 0, 0, 0, 0	Infant: 0
TOTAL CREW: 6	PAD: 0, 0, 0, 0	TOTAL PAX: 76
WEIGHT	BOOKED	
Crew (kg): 0	Joining PAX: 0, 0, 0, 0	
	Transit PAX: 0, 0, 0, 0	
A/C WEIGHTS (kg)	Load WEIGHTS (kg)	Cargo Load Type
Basic Empty: 0	ACTUAL	<input checked="" type="radio"/> Bulk
Pantry: 0	Baggage: 1,143, Total: 1,143	<input type="radio"/> ULD
Dry Operation: 0	Cargo: 303, Total: 303	
Take-Off Fuel: 0	Mail: 35, Total: 35	
Operating: 0	Cabin Bagg.: 0, Total: 0	
Trip Fuel: 0	Service Crg.: 0, Total: 0	
Actual Take-Off: 0	BOOKED	
Actual Zero Fuel: 0	Baggage: 0, 0, 0, 0	
Actual Landing: 0	Cargo: 0, 0, 0, 0	
	Mail: 0, 0, 0, 0	

7.16.3.7 Flight Gate and Counter

Gate and counter information about a departing flight is entered in this tab. The entered data is used by 3rd party roster software. If no roster software is used, this tab's data is informative only.

7.16.3.8 Flight Pax Service Information

Seq	Req	Name	Surname	Seat	Cnt	A/L	Flight No	A/P	Dept Date	Remark
10000	VIP	CAROLINAMME	MUZZONEMAR		1					
10001	VIP	JEANLUCANDY	PETIT		1					
10002	VIP	MICHEL	ROSENFELDER		1					

Flight pax service tab is used to show requested materials via a PSM message. At the left side of the screen, a summary of requested services/goods can be seen. At the right side, there is the detailed information, which passenger at which seat requests what together with the transferring flight info if any.

Requested service information is also used by the 3rd party roster software.

Imported PSM messages updates the contents of this tab. In a future release, Celebris generated PSM messages will use the information in this tab, but currently no PSM message is automatically generated by Celebris.

7.16.3.9 Flight Transfer Information

ARRIVAL														
Transfer Details														
Seq	A/L	Flight No	A/P	Date	Smok	Pax Name	Seats	Child	Infant	Pax Class	Baggage Pieces	Baggage Wght kg	Pax Ctg 1	Pax Ctg 2
10000	IR	0718	THR	01/12/2006	<input type="checkbox"/>	KACHOUEI/ROBBERMRS	1			Q	1	29		
10001	IR	0718	THR	01/12/2006	<input type="checkbox"/>	NILIAHMABADI/JAFARMR	1			Q	2	50		
10002	IR	0718	THR	01/12/2006	<input type="checkbox"/>	NILIAHMABADI/AHMADMR	1			Y	1	21		
10003	TK	0344	ADB	01/12/2006	<input type="checkbox"/>	BRATOVA/RENATAMRS	1			Y	0			
Totals :							4				4	100		

Transfer tab is used to show the contents of the imported PTM messages.

In a future Celebris release, the generated PTM messages will use the information contained in this tab, but currently Celebris does not generate PTM messages automatically.

7.16.3.10 Flight Incoming Sita

ARRIVAL														
Incoming Sita														
Dept. Fl. Date	A/L	Flight No	From	To	Reg	Sub Type	Type	Pg	Msg Time	Recv Time	Org	Dest	Cor	Status
31Oct	OK	434	PRG	IST		PSM		1	09:31:40	09:31:40	PRG	IST	<input checked="" type="checkbox"/>	Ok
31Oct	OK	434	PRG	IST		PTM		1	09:31:40	09:31:40	PRG	IST	<input checked="" type="checkbox"/>	Ok
31Oct	OK	434	IST	PRG	OK-XGE	MVT	3B		21:23:54	21:23:54	IST	PRG	<input checked="" type="checkbox"/>	Ok
31Oct	OK	434	PRG	IST	OK-XGE	MVT	3A		18:49:45	18:49:45	PRG	IST	<input checked="" type="checkbox"/>	Ok
31Oct	OK	434		IST	OK-XGE	LDM			18:31:27	18:31:27	PRG	IST	<input checked="" type="checkbox"/>	Ok
31Oct	OK	434	PRG	IST		PSM		1	18:31:27	18:31:27	PRG	IST	<input checked="" type="checkbox"/>	Ok
31Oct	OK	434	PRG	IST		PTM		1	18:31:27	18:31:27	PRG	IST	<input checked="" type="checkbox"/>	Ok

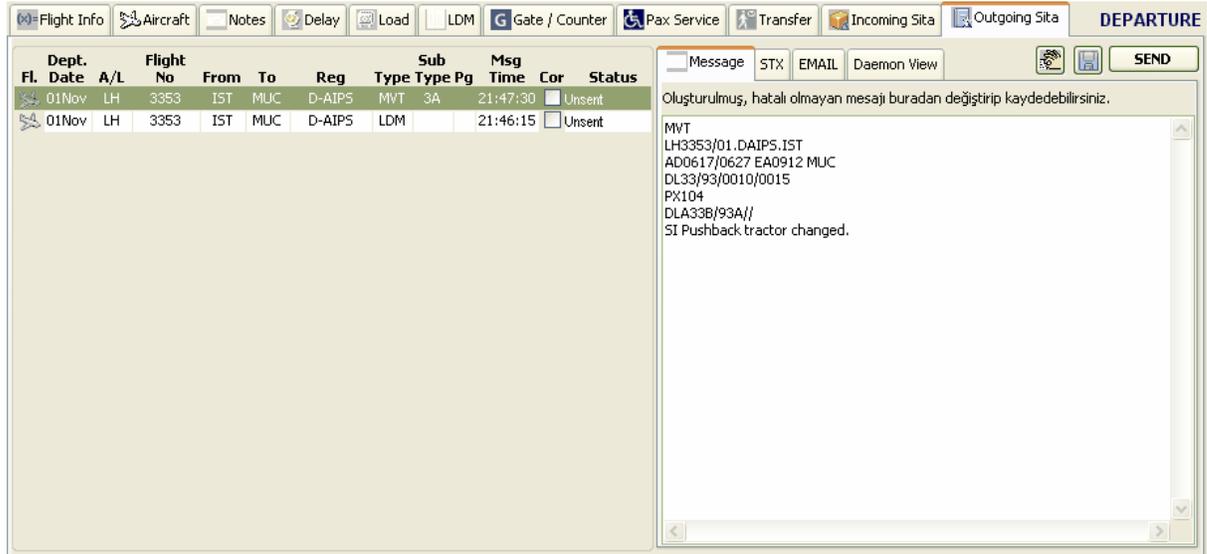
Message Detail

PTM
 OK434/31OCT PRGIST PART1
 IR0718/01 THR 1Q 1B29K KACHOUEI/ROBBERMRS
 IR0718/01 THR 1Q 2B50K NILIAHMABADI/JAFARMR
 IR0718/01 THR 1Y 1B21K NILIAHMABADI/AHMADMR
 TK0344/01 ADB 1Y 0B BRATOVA/RENATAMRS
 ENDPMT

All imported incoming sita messages can be seen in this tab.

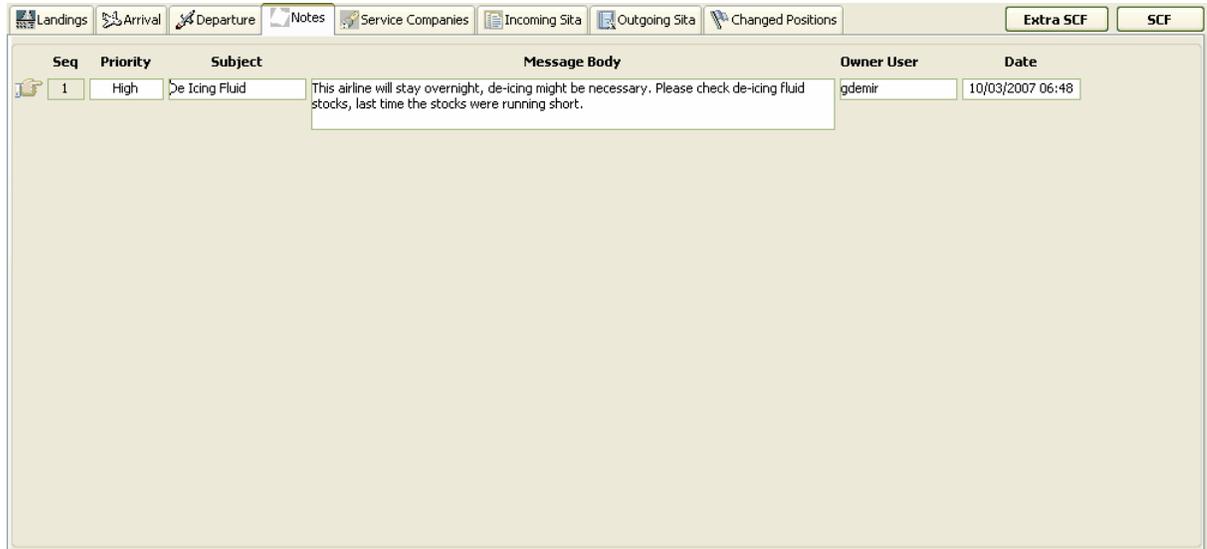
The import status column shows the status of the imported message. It is possible that a sita message might contain errors. An erroneous (non-standard, contains user made errors in its text, etc.) sita message is reported by the pre parser. Even these erroneous messages can be tracked in this screen manually.

7.16.3.11 Flight Outgoing Sita



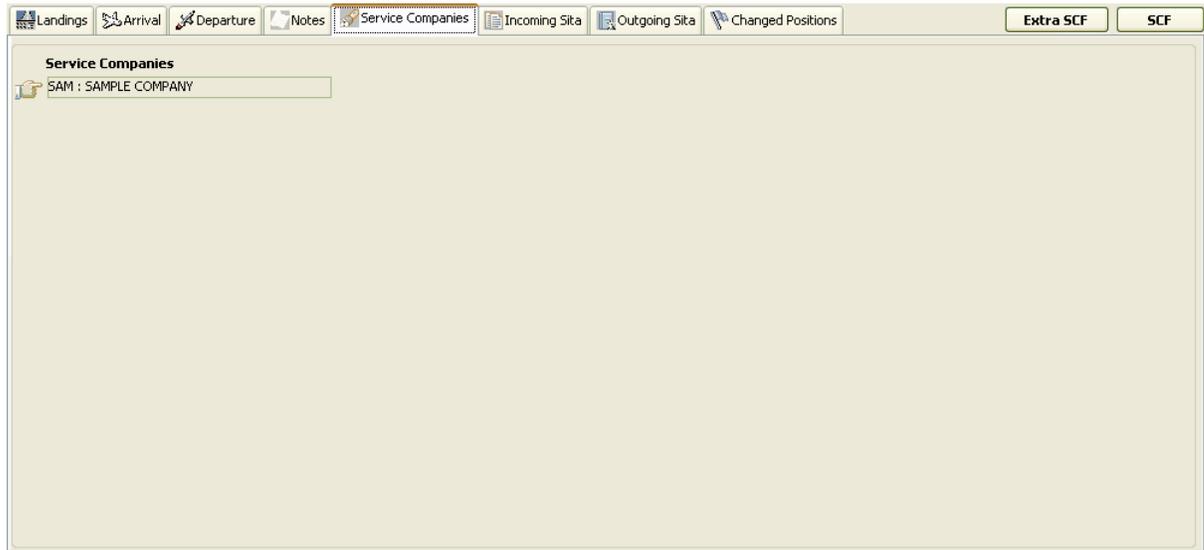
Celebris can generate MVT arrival and MVT departure for all aircraft types and LDM messages for passenger air crafts. In the outgoing sita tab, you can see what messages are generated for this flight. To generate outgoing sita messages and more information, see [Outgoing Sita](#) tab of the Landings screen.

7.16.4 Landing Related Messages



In this tab, the landed related messages can be input. The input messages are shown as an icon in the main landings screen.

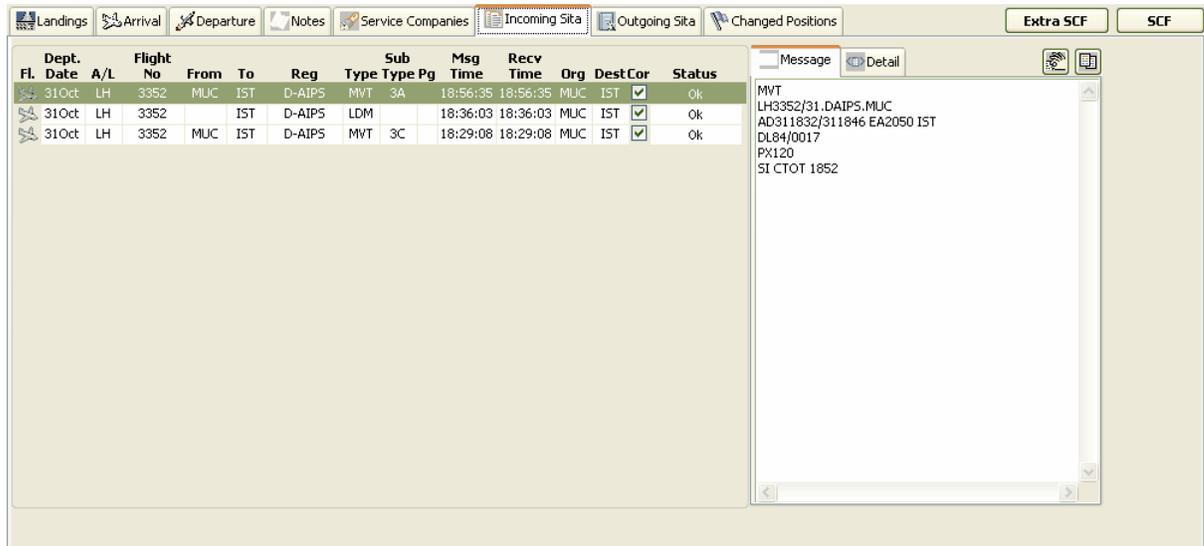
7.16.5 Landing Service Companies



Each landings can have one or more service companies. The handling company must be entered as a service company in order to be able to create a service charge form. Other different entity handling companies like security handling etc. can be input here. The main reason for inputting service companies is to be able to track which flights are serviced by which handling companies in an airport. It is of significant importance when tracking competitors flight data.

When generating flights through the utilities [flight plan](#) or [flight copy](#), the service company is generated automatically.

7.16.6 Landing Incoming Sita

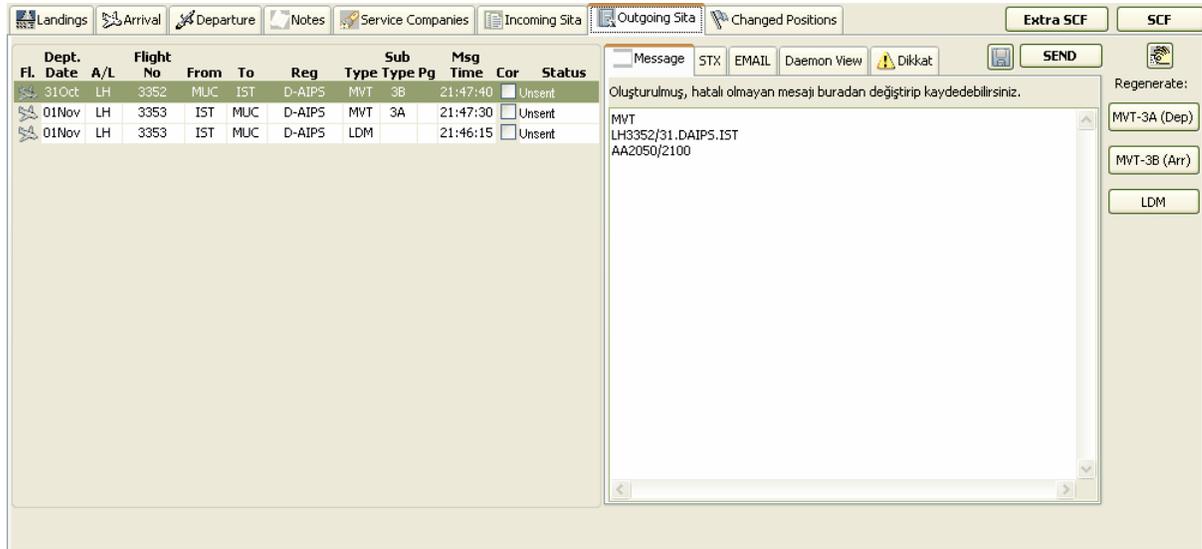


All imported sita messages about this landed (which is arrival flight + departure flight) can be seen altogether in this tab. Remember, in the flight related [incoming sita](#) tab, only those sita messages that are related with that flight (either arrival or departure) can be seen.

The import status column shows the status of the imported message. It is possible that a sita message might contain errors. An erroneous (non-standard, contains user made errors in its text, etc.) sita message is reported

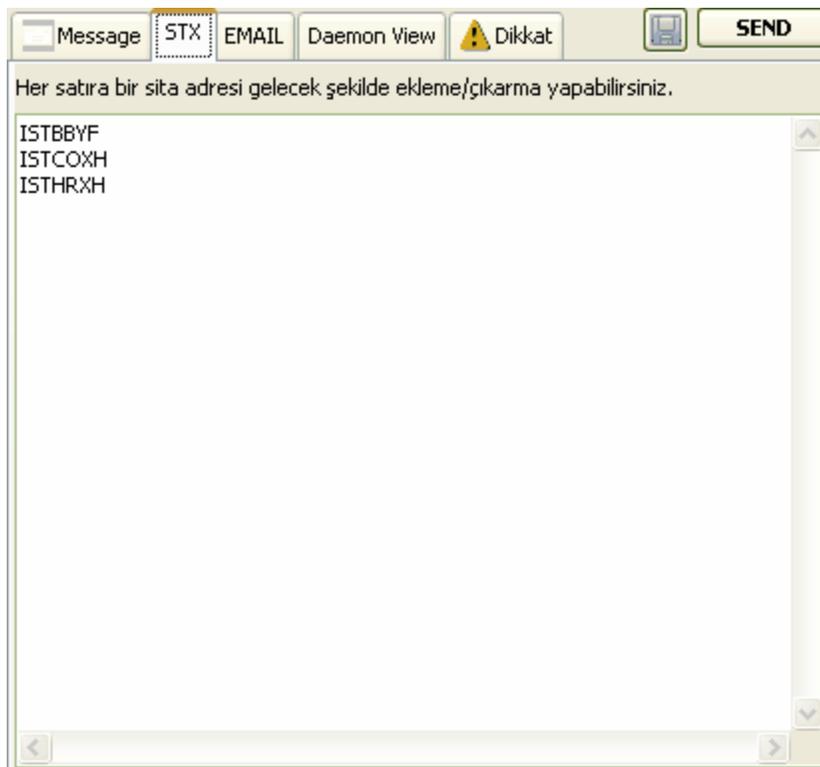
by the pre parser. Even these erroneous messages can be tracked in this screen manually.

7.16.7 Landing Outgoing Sita



This is the tab, where outgoing sita messages can be generated. Celebris currently generates MVT arrival and MVT departure for all flight types, and LDM for passenger air crafts. Future Celebris versions may support the generation of other sita message types.

On the right of this tab, we see details about the generated message. In the first tab, the message in a brief form;

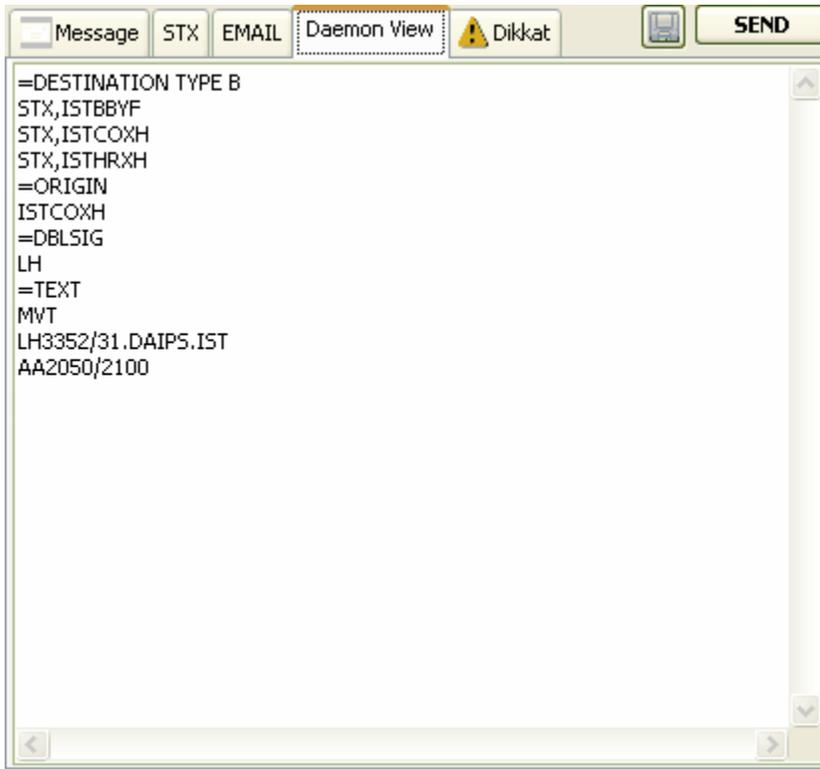


In the second tab, the STX addresses where this message will be sent, one per line, with the option of adding

and removing STX addresses as necessary;



In the third tab, the email addresses where this sita message will reach (email sending uses an SMTP server, not the sita message daemon, so saving money) with the option of adding and removing email addresses as necessary;

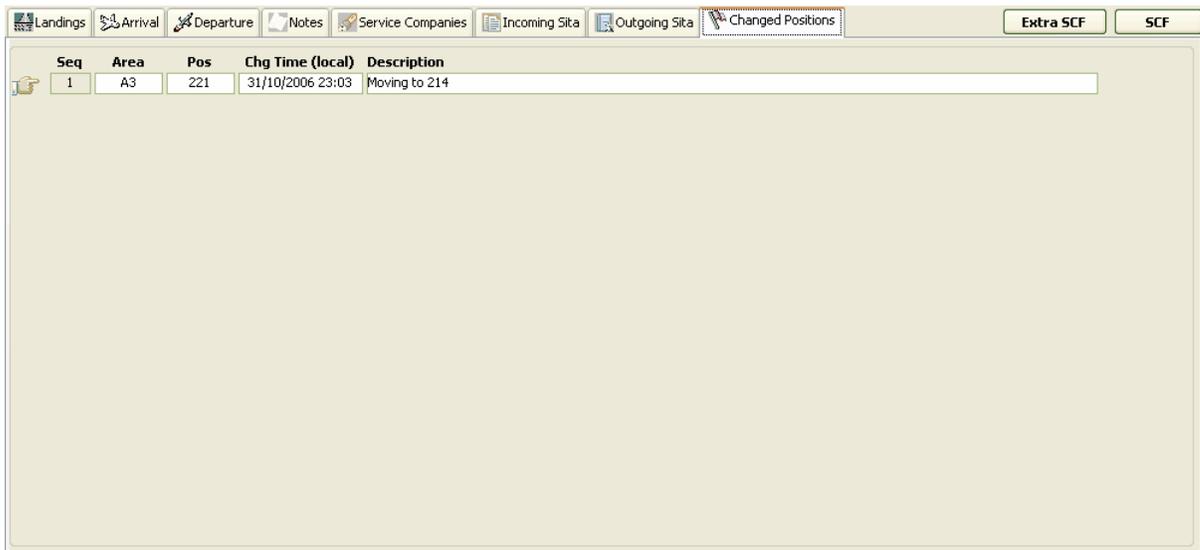


In the fourth tab, the sita message daemon view of the sita message. Sita message daemon is the software which is used as a bridge between Celebris and sita gateway and must exists for Celebris to be able to send sita messages.

And on the fifth tab, some errors and warnings about the sita message generation is reported.

The sita addresses are first prepared using the user-defined rules. Please see [Sita Addresses](#) for more information.

7.16.8 Landing Changed Positions



You can see the changed parking positions of the aircraft in this changed positions tab. In the main landing

screen, there are input fields of park area and park position. When, for the first time the flight data is saved, that parking position becomes the parking position of the aircraft. On subsequent save operations, Celebris checks if the parking position data is the same as before. If not, it adds a line to this tab and considers the aircraft has changed its parking position during its stay. If the user has changed the park position data for another reason, like correction for example, the position change record can be deleted from this tab.

7.17 Sita Addresses

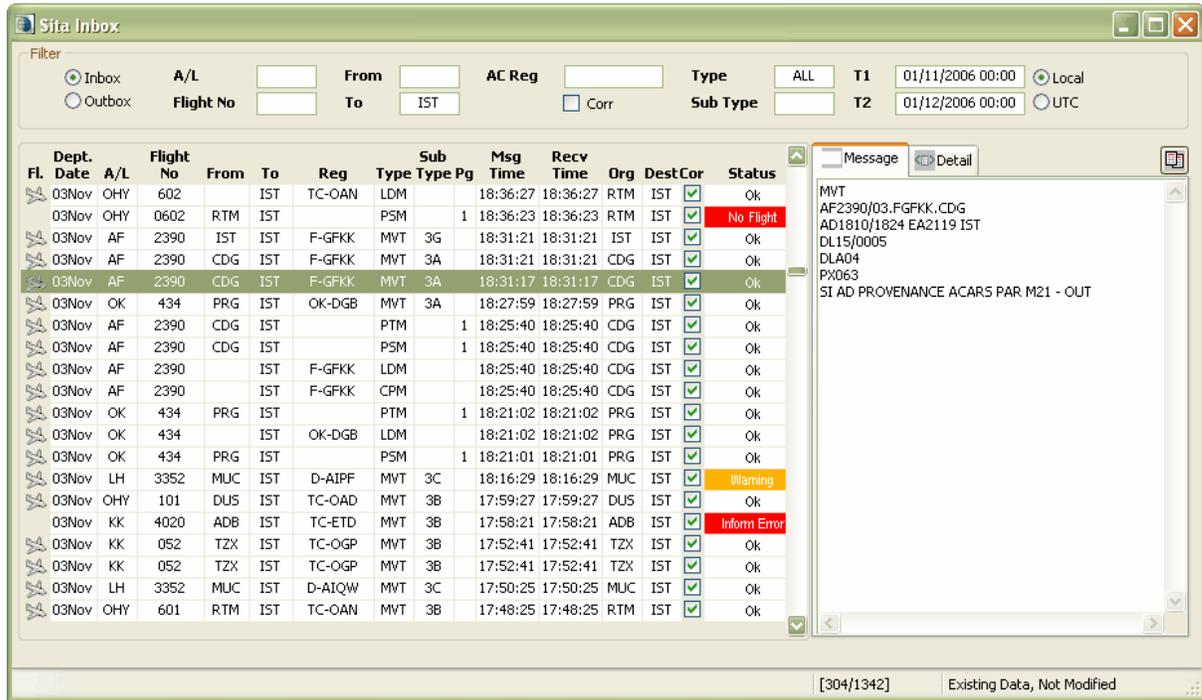
ID	Havayolu	Meydan	Mesaj Tipi	Alt Tip	Adres Yorum Şekli	Hangi Durumda Kullanılsın	Önceki Meydansam Kullan	Sonraki Meydansam Kullan	Kiralayan Şirketsem Kullan	Adres Tipi	Adres	Açıklama
1		IST			Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	ISTC0XH	
2		IST			Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	ISTBBYF	
3		IST			Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	ISTHRXH	
4	OHY		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	e-mail	gdonmez@onurair.com.trx	
5	OHY		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	sita	ISTAP8Q	
6	OHY		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	sita	ISTK88Q	
7	OHY		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	ISTT08Q	
8	OHY		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	ISTOW8Q	
9	KKK				Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	e-mail	gokhan.demir@modernus.	
15	PGT		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	ISTOP1I	
16	PGT		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	ISTOW1I	
17	INX		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	AYTOP6K	
18	INX		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	AYTGW6K	
19	SHY		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	AYTOWCR	
20	SHY		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	AYTSPCR	
21	MDV		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	KIVAA2M	
22	MDV		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	KIVWW2M	
23	KZR		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	ALAAA4L	
24	MLD		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	KIVZH9U	
25	MLD		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	KIVOS9U	
26	MLD		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	KIVOP9U	
27	BWG		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	DUSOOQW	
28	CLX		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	IST55CV	
29	CLX		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	LUXOCCV	
30	CLX		MVT		Dahil	Her Durumda	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sita	LUXOOCV	

The sita addresses are defined by the operations department and are used to lookup sita addresses for a particular route. When a sita message is generated via Celebris, these defined addresses will be filtered and used.

In this screen, when information is provided for any column, this information will be used, otherwise it will be treated as valid for every possible value of that column. For example, when we provide airline 3-digit code, that line will be valid for that airline, but if we don't provide a 3-digit airline code, that line will be valid for all possible airlines. This makes entering necessary addresses very flexible.

The columns in this screen are: id (system automatically assigns a unique id to each line), airline 3-digit code, airport 3-digit code, message type, message subtype, a flag showing whether this line should be included or excluded, a option with the possible values of arrival only/departure only/both arrival and departure, a flag indicating whether this address should be used when the previous airport is on the flight route, similarly another flag indicating whether this address should be used when the next airport is on the flight route, a flag indicating whether to use this address if the current airline is the airline who rented the aircraft, the address type (sita/email), the address itself, and description.

7.18 Sita Inbox and Outbox



The sita inbox-outbox screen lists the all imported and generated sita messages as requested by the display filter on top of the screen.

The status of the sita message can be the following:

- Ok No errors or warnings in the sita message. A flight for this message has been found and associated.
- Warning The sita message contains no parsing errors but in the import process, some Celebris produced warnings has been reported. Users should check the message to see what warnings have been produced.
- Inform error The sita message cannot be parsed by the pre-parser. So, Celebris didn't try to import this sita message. Such erroneous messages can be tracked using this screen and if necessary, manual data entry to the flight information system is done by the operator.
- No flight The sita message is ok, contains no errors or warnings, but in Celebris, no matching flight could be located. The operations department should take such cases into consideration and create the flight if necessary.

The airplane icon in the beginning of the line indicates that a flight has been found and associated with this message. Double clicking the airplane icon will open the landings screen and locate the associated flight.

7.19 Flight Information System Data Input Controls

7.19.1 Data Controls Explained

The Celebris system includes a lot of system controls to minimize the user data input errors. When inconsistent data is detected, the system can prevent it by either restricting the persistence of the inconsistent data or by supplying warning or informative messages to the user to make sure the user is aware of the condition.

There are three levels: Error, Warning and Information.

The **ERROR** messages appear when the system detects an inconsistency that should never be present in the system. When an Error level message is displayed, the user has to fix the inconsistent data in order to be able to save it..

The **WARNING** messages appear when the system detects an inconsistency in the input data, but the user can decide to keep it .

The **INFORMATION** messages appear when the system detects not inconsistent but uncommon data, and reminds the user to double check it in case that it might be a faulty input.

The messages appear in the language that was chosen by the user during the log in process.

7.19.2 Flight Plan Data Input Controls

The [flight plan](#) screen has the following data input controls:

General controls:

LEVEL	DESCRIPTION
ERROR	Neither STA nor STD is entered.
ERROR	No Airline information entered.
ERROR	Aircraft Model information not entered.
ERROR	Airport information not entered.
ERROR	Flight Plan start date not entered.
ERROR	Flight Plan end date not entered.
ERROR	Flight Plan start date is later than Flight Plan end date.
ERROR	No weekdays is selected as a day of flight.
ERROR	Generation type not specified.
ERROR	STA is input but Arrival Flight No information is missing.
ERROR	STA is input but arrival flight FROM Airport information is missing.
ERROR	STA is input but Arrival Load Type information is missing.
ERROR	STA is input but Arrival Flight Type information is missing.
ERROR	STA is input but Arrival Flight scheduled/charter information is missing.
ERROR	STA is input but Arrival Flight International/Domestic information is missing.
WARNING	Arrival Flight International/Domestic information is inconsistent (when the from airport, destination airport and the country of the handling company are the same, the flight is considered to be domestic)
ERROR	STD is input but Departure Flight No information is missing.
ERROR	STD is input but departure flight Destination Airport (TO) information is missing.
ERROR	STD is input but Departure Load Type information is missing.
ERROR	STD is input but Departure Flight Type information is missing.
ERROR	STD but Departure Flight scheduled/charter information is missing.
ERROR	STA is input but Departure Flight International/Domestic information is missing.
WARNING	Departure Flight International/Domestic information is inconsistent (when the from airport, destination airport and the country of the handling company are the same, the flight is considered to be domestic).
INFORMATION	If the input contains information for only one leg (arrival or departure).
ERROR	The selected handling company is not the company of the logged in user.

Controls applied when both STA and STD information is entered:

LEVEL	DESCRIPTION
WARNING	Arrival and Departure Flight Domestic/International information are different.
WARNING	Arrival and Departure Flight scheduled/charter information are different.
WARNING	Arrival and Departure Flight Types (transportation, military, general aviation) are different.
WARNING	Arrival and Departure Flight Load Type information mismatch, one is ferry the other not.
WARNING	Arrival and Departure Flight Load Type (psg, crg, bagg, combi) information mismatch.
WARNING	The airline is domestic and the generation type is one landed record for both legs, or the airline is international and the generation type is separate landed record for each leg.

7.19.3 Landings Data Input Controls

The [landings](#) screen has the following data input controls:

General controls:

LEVEL	DESCRIPTION
WARNING	The country information is missing at the logged in user's company's country definition.
WARNING	The company information at the company tab is missing or is not identical with the logged in user's company..
WARNING	The Airport information at the landed record is not the default airport of the logged in user.

Integrity controls:

LEVEL	DESCRIPTION
ERROR	Arrival is after Departure.
ERROR	Airport information at the landed record is different from the arriving flight's destination airport information.
ERROR	Airport information at the landed record is different from the departure flight's from airport information.

Controls applied to landing records that have both legs Arrival and Departure:

LEVEL	DESCRIPTION
WARNING	The time difference between STD and STA times is greater than two days.
WARNING	Arrival and Departure Flight registration codes are not identical.
WARNING	Arrival and Departure Flight domestic/international information are not identical.
WARNING	Arrival and Departure Flight scheduled/charter information are not identical.
WARNING	Arrival and Departure Flight Types(transportation, military, general aviation) are not identical.
WARNING	Arrival and Departure Flight Load Type information mismatch, one is marked as Ferry the other not.
WARNING	Arrival Flight and Departure Flight Load Type (psg, crg, bagg, combi) information mismatch.

7.19.4 Flights Data Input Controls

The [Arrival and Departure flight tabs](#) at the landings screen has the following data input controls:

General controls applicable to both Arrival Flight and Departure Flight tabs:

LEVEL	DESCRIPTION
-------	-------------

WARNING	Registration code is missing.
ERROR	Flight Load Type (passenger, cargo, baggage, combi) information is missing.
WARNING	Default Load Type (passenger, cargo, baggage, combi) of the aircraft Registration is missing.
WARNING	Flight Load Type and the default Load Type at the aircraft Registration are inconsistent.
ERROR	Airline information is missing.
ERROR	Flight Number is missing.
ERROR	Departure Airport is missing.
ERROR	Arrival Airport is missing.
WARNING	Aircraft Model information is missing.
ERROR	Domestic/International information is missing.
ERROR	Flight Type(transportation, military, general aviation) information is missing.
ERROR	Scheduled/charter information is missing.
WARNING	The domestic/international information is inconsistent (when the from airport, destination airport and the country of the handling company are the same, the flight is considered to be domestic).
WARNING	PAX totals are inconsistent (male + female + children <>total pax). This warning is also displayed as an icon.
WARNING	Total number of passengers is more than the aircraft seat capacity.
WARNING	Default cargo load type (bulk/uld) is missing from the Registration information.
WARNING	Cargo Load Type(bulk/uld) information is missing.
WARNING	Cargo Load Type(bulk/uld) information is inconsistent with the default Cargo Load Type(bulk/uld) information at the aircraft registration.
WARNING	Total delay time calculated from the scheduled and estimated time information is more than 1 day.
WARNING	The flight has delay calculated and no delays are found at the delay tab.
WARNING	The delay time information at the delay tab is longer than the calculated delay time.
WARNING	Delay times are not present for some of the input delay codes.
WARNING	Some delay times are longer than 1 hour.

Controls applicable to the Departure Flight tab:

LEVEL	DESCRIPTION
WARNING	Gate and Counter information are missing.
WARNING	Gate information is missing.
WARNING	Counter information is missing.

7.20 Flight Information Reports

7.20.1 Aircraft Counts By Airline

This report reports the aircraft model counts by airline. Here is the report filter:

It is possible to choose a range of airlines, and optionally an aircraft model. Here is a sample output for this report:

Code	IATA	ICAO	Airline	Model	Model Name	IATA	ICAO	Count
THY	TK	THY	TURKISH AIRLINES					
				312	Airbus A310-203	312	A310	5
				313	Airbus A310-304	313	A310	5
				319	Airbus A319-111	319	A319	3
				320	Airbus A320-111	320	A320	21
				321	Airbus A321-111	321	A321	11
				333	Airbus A330-301	333	A333	5
				343	Airbus A340-311	343	A343	7
				734	Boeing 737-401	734	B734	18
				738	Boeing 737-75R	738	B738	38
				73H	Boeing 737-7H4 (winglets)	73H	B738	3
				AB4	Airbus A300B2-101	AB4	A30B	1
				AR1	Avro RJ100 (BAe Avro 146-RJ100)	AR1	RJ1H	6
				AR7	Avro RJ70 (BAe Avro 146-RJ70)	AR7	RJ70	3
				BH2	Agusta-Bell 204B	BH2	XV15	1
				M83	Boeing (McDonnell Douglas) MD-83(DC-9-83)	M83	MD83	3
Total								130

7.20.2 Delay Codes

The delay codes report reports the delay codes defined in the system. Here is the report filter:

It is possible to choose a range of delay code groups. Here is a sample output for this report:

The group name is printed on the top left corner.

7.20.3 Departure Delays

The departure delay report reports the total delay times for the departure flights. The filter used to retrieve this report is the same as the [landings filter](#). Here is a sample output for this report:

Departure Delay Report

Filter Preview Print Export Excel

Departure Delays Date: 01/10/2006 00:00 - 02/10/2006 00:00 (local) 20/11/2007 00:29
 Airport: IST - Atatürk Page 1 of 1
 Airline: All Airlines
 Repr: All Representatives

SAMPLE COMPANY

A/P	Airline A/L Name	Repr Code	Repr Name	Flight No	STD	Blocks To	Off	ATD	Delay Code Grp	Delay Time	Total secs
IST	KLM KLM			1610	01/Oct 02:40	AMS	01/Oct 02:44	01/Oct 02:55	KLM Grubu	89 00:04	240
IST	KKK ATLASJET HAVACILIK			107	01/Oct 04:05	DUS	01/Oct 04:15	01/Oct 04:30	OGE Grubu	15A 00:10	600
IST	OHY ONUR AIR Tasimacilik			277	01/Oct 06:00	LYS	01/Oct 06:05	01/Oct 06:20	OHY Grubu	85D 00:05	300
IST	KKK ATLASJET HAVACILIK			076	01/Oct 07:00	KSY	01/Oct 07:09	01/Oct 07:20	OGE Grubu	15A 00:09	540
IST	KKK ATLASJET HAVACILIK			024	01/Oct 07:40	ADB	01/Oct 07:50	01/Oct 08:00	OGE Grubu	89A 00:05	300
IST	KKK ATLASJET HAVACILIK			024	01/Oct 07:40	ADB	01/Oct 07:50	01/Oct 08:00	OGE Grubu	15B 00:05	300
IST	BWG BLUE WINGS AG	13	GOZEN	172	01/Oct 07:50	HAI	01/Oct 08:00	01/Oct 08:15	BWG Grubu	99 00:10	600
IST	BWG BLUE WINGS AG	13	GOZEN	172	01/Oct 07:50	HAI	01/Oct 08:00	01/Oct 08:15	BWG Grubu	51 00:00	0
IST	KKK ATLASJET HAVACILIK			012	01/Oct 08:30	AYT	01/Oct 08:40	01/Oct 08:55	OGE Grubu	89B 00:10	600
IST	KKK ATLASJET HAVACILIK			052	01/Oct 12:20	TZX	01/Oct 12:30	01/Oct 12:41	OGE Grubu	93A 00:10	600
IST	KKK ATLASJET HAVACILIK			026	01/Oct 12:20	ADB	01/Oct 12:25	01/Oct 12:37	OGE Grubu	93A 00:05	300
Total Delay Time in Seconds :											4,380
in Minutes:											73
in Hours:											1.22

7.20.4 Grouped Departure Delays

Grouped departure delays report is similar to the departure delay report but it differs in that this report is grouped by the delay code group that the airline uses. The filter for this report is the same as the [landings filter](#). Here is a sample output for this report:

Grouped Departure Delay Report

Filter Preview Print Export Excel

Grouped Departure Delays Date: 01/10/2006 00:00 - 02/10/2006 00:00 (local) 20/11/2007 00:31
 Airport: IST - Atatürk Page 1 of 1
 Airline: All Airlines
 Repr: All Representatives

SAMPLE COMPANY

A/P	Month	A/L Code Name	Repr Code	Repr Name	Delay Code Grp	Delay Time	Total secs	Flight Cnt
IST	10	BWG BLUE WINGS AG	13	GOZEN	BWG Grubu	51 00:00	0	1
IST	10	BWG BLUE WINGS AG	13	GOZEN	BWG Grubu	99 00:10	600	1
IST	10	KKK ATLASJET HAVACILIK A.S.			OGE Grubu	15A 00:09	1140	2
IST	10	KKK ATLASJET HAVACILIK A.S.			OGE Grubu	15B 00:05	300	1
IST	10	KKK ATLASJET HAVACILIK A.S.			OGE Grubu	89A 00:05	300	1
IST	10	KKK ATLASJET HAVACILIK A.S.			OGE Grubu	89B 00:10	600	1
IST	10	KKK ATLASJET HAVACILIK A.S.			OGE Grubu	93A 00:05	900	2
IST	10	KLM KLM			KLM Grubu	89 00:04	240	1
IST	10	OHY ONUR AIR Tasimacilik A.S.			OHY Grubu	85D 00:05	300	1
Total Delay Time in Seconds :							4,380	
in Minutes:							73	
in Hours:							1.22	

7.20.5 Gain Report

Gain report reports the gain times achieved. Gain time is the difference of (STD - STA) and (Blocks Off - Blocks On). [Landings filter](#) is used as the filter for this report. Here is a sample output for the gain times report:

A/P	Month	Airline Code	Airline Name	Repr Code	Repr Name	Flight Cnt	Delayed Flight Cnt	Gain Time (Blocks, sec.)
IST	10	AHY	AZAL AZERBAIJAN AIRLINES			1	0	
IST	10	AZA	ALITALIA Linee Aeree Italiane SpA			1	0	
IST	10	BPS	BUDAPEST AIRCRAFT SERVICES Kft.	42	ESTETİK YAYIN	1	1	
IST	10	DLH	LUFTHANSA			1	0	600
IST	10	GEC	LUFTHANSA Cargo AG			1	0	
IST	10	KKK	ATLASJET HAVACILIK A.S.			8.5	5	180
IST	10	KLM	KLM			1	0	
IST	10	KZR	AIR ASTANA Joint-Stock Company	03	FLY	1	0	3,299
IST	10	MAS	MALAYSIA AIRLINES			1	1	
IST	10	OHY	ONUR AIR Tasimacilik A.S.			9	0	
IST	10	RUN	ACT HAVAYOLLARI A.S.			1	1	
IST	10	UKM	UKRAINIAN MEDITERRANEAN AIRLINES	15	ADRIYATİK	1	1	
Total Gain Times in Seconds:								4,079
in Minutes:								68
in Hours:								1.13

7.20.6 Landings Sheet

The landings sheet report is used by the operations department and it is the main flights report in the system. [Landings filter](#) is used as the filter to retrieve this report. Here is a sample report output:

A/P		Int	Flight No	A/C	Load Type	Regist.	From	STA	ETA	ATA	Bkls On	Pax In	Park Pos	Dept Flight No	To	STD	ETD	Bkls Off	Take Off	Pax Out	Repr.	Opr Agent	SCF No	Qty		
IST	Infl		XPE-345	CCJ	Passenger	OE-HPK	VKO	30-Oct 15:40	15:00	15:25	15:40	4	A13-W1	XPE-345	DXB	01-Nov 14:00	12:30	12:15	12:27	4	AEROWING	Bagaran A	2155499			
IST	Infl		AYZ-9701	ILW	Passenger	RA-86142	VKO	31-Oct 20:00	20:00	20:05	20:14	348	A5-115	AYZ-9702	VKO	01-Oct 20:30	21:00	21:50	22:13	276	OLIMPIK	Karaagaç S	2154887			
IST	Infl		DLH-3352	320	Passenger	D-AIP5	MUC	31-Oct 20:45	20:50	20:50	21:00	120	A3-221	DLH-3353	MUC	01-Nov 06:20	06:17	06:27	104		seremet m		2156313			
IST	Infl		CSA-434	735	Passenger	OK-WGE	PRG	31-Oct 20:45	20:44	20:54	21:02	76	A3-202	CSA-435	PRG	01-Nov 05:25	05:25	05:39	37		Sarı P		2155704			
IST	Infl		UAEC-4871	313	Cargo	A6-EFB	DXB	31-Oct 21:10	21:25	21:25	21:35	0	A5-114	UAEC-4872	DXB	31-Oct 22:25	22:26	22:49	0		Ersan Y		2155708			
IST	Infl		AFR-2390	320	Passenger	F-GHQK	CDG	31-Oct 21:25	21:38	21:30	21:41	107	A3-216	AFR-390V	CDG	01-Nov 15:30	19:00	15:58	16:12	0		ELMAS İ		2155711		
IST	Infl		OHY-2258	320	Passenger	TC-OAC	CDG	31-Oct 21:55	21:50	21:48	22:00	160	A4-110								Çarkçı Ş		2155714			
IST	Infl		KKK-172	320	Passenger	TC-OGO	FRA	31-Oct 22:05	22:45	22:40	22:50	124	A1-8									Karaagaç S		2155715		
IST	Infl		KLM-1617	738	Passenger	PH-HZM	AMS	31-Oct 23:15	23:05	23:05	23:12	126	A3-206	KLM-1610	AMS	01-Nov 03:25	03:29	03:38	113			İlhan m		2155717		
IST	Infl		CLX-792	74V	Cargo	LX-GCV	LUX	31-Oct 23:30	23:13	23:15	23:24	0	A5-115	CLX-792	HKG	01-Nov 01:00	01:01	01:16	0			Çitak T		2155719		
IST	Infl		OHY-372	320	Passenger	TC-OAD	AMS	31-Oct 23:15	23:28	23:20	23:30	95	A3-204									Sarı P		2155718		
IST	Infl		OHY-7436F	321	Passenger,Ferry	TC-OAI	EMA	01-Nov 00:20	23:50	23:40	23:45	0	A5-114									Karaagaç S		2155721		
IST	Infl		AZA-708	321	Passenger	I-BIXT	MXP	31-Oct 22:55	23:40	23:40	23:47	117	A3-217	AZA-707	MXP	01-Nov 04:05	04:15	04:35	77			PALAOĞLU A		2155716		
IST	Infl		DLH-3344	A86	Passenger	D-AIAL	FRA	31-Oct 23:50	23:39	23:42	23:52	167	A3-212	DLH-3345	FRA	01-Nov 04:00	04:06	04:16	217			seremet m		2156312		
IST	Infl		SVAC-2211	741	Passenger	HZ-AIC	JED	31-Oct 20:30	01:30	01:30	01:34	365	A3-219	SVAC-9311	JED	31-Oct 21:30	02:30	02:32	02:48	0			seremet m		2156311	
IST	Infl		ABX		Cargo	TC-ACU							A2-21	RUN-264	KDH	01-Nov 01:15	01:35	01:38	0			ERBESLER A		2155722		
IST	Dom			320	Passenger	TC-OAC							A4-106	OHY-082	TZX	01-Nov 04:45	04:45	05:00	115			Dağloğlu S		2155723		
IST	Dom		M88		Passenger	TC-ONM							A4-105	OHY-032	DIY	01-Nov 04:45	04:45	05:05	160			Karaagaç S		2155725		
IST	Dom			M88	Passenger	TC-ONO							A11-132	OHY-010	ADA	01-Nov 04:45	04:40	05:08	72			Bastaoğlu S		2155724		
IST	Infl			320	Passenger	TC-FBE							A11-135	BWG-231	STR	01-Nov 05:00	05:00	05:11	157	GOZEN		Ersan Y		2156310		
IST	Dom			319	Passenger	TC-OGU							A12-139	KKK-010	AYT	01-Nov 05:00	05:00	05:17	141			Kinalı F		2155727		
IST	Dom			320	Passenger	TC-OGP							A12-138	KKK-050	TZX	01-Nov 05:00	05:00	05:19	87			Eriüsal C		2155726		
IST	Dom			CR9	Passenger	TC-ETC							A8-122	KKK-032	ADA	01-Nov 05:10	05:10	05:23	90			Dağloğlu S		2155728		
IST	Dom		M88		Passenger	TC-ONP							A11-133	OHY-064	ASR	01-Nov 05:15	05:10	05:24	93			Aydinli M		2155729		
IST	Dom			M83	Passenger	TC-OAT							A5-112	OHY-050	ADB	01-Nov 05:35	05:30	05:44	117			Çarkçı Ş		2155730		
IST	Infl		BCS-949	75F	Cargo	OO-DPN	BRU	01-Nov 06:05	06:05	05:58	06:02	0	A11-135	BCS-948	BRU	01-Nov 19:30	19:35	19:50	0			demir a		2155734		

This report is interactive. If the flight is selected to be used in ground handling company performance evaluation statistics, then the icon is displayed. Double clicking on this icon will open the [questionnaire](#) in the Quality Module.

7.20.7 Landings Report

This report is used by the operations department to track the daily flight information. The [landings filter](#) is used as the filter to retrieve this report. Here is a sample output:

Landings Report														Date: 01/11/2006 00:00 - 02/11/2006 00:00 (local)		20/11/2007 01:17	
SAMPLE COMPANY														Airport: IST - Atatürk		Page 1 of 6	
DATE	AIRLINE	FLIGHT NO	IN	OUT	STA	STD	PRVS FROM	TO 2ND LEG	A/C TYPE	SEAT	BLON	BLOF	REG	PAX IN	PAX OUT	SCF NO	QLTY
30-Oct	XPE - AMIRA AIR		345	345	15:40	14:00	VKO	DXB	CCJ	8	15:40	12:15	OE-HPK	4	4	2155499	
31-Oct	AYZ - ATLANT-SOYUZ AI	9701	9702	20:00	20:30	VKO	VKO	ILW	350	20:14	21:50	RA-86142	348	276	2154887		
	DLH - LUFTHANSA	3352	3353	20:45	06:20	MUC	MUC	320	142	21:00	06:17	D-AIPS	120	104	2156313		
	CSA - CSA Czech Airlines	434	435	20:45	05:25	PRG	PRG	735	108	21:02	05:25	OK-XGE	76	37	2155704		
	UAEC - Emirates Cargo	4871	4872	21:10	22:25	DXB	DXB	313	0	21:35	22:26	A6-EFB	0	0	2155708		
	AFR - AIR FRANCE	2390	390V	21:25	15:30	CDG	CDG	320	159	21:41	15:58	F-GHQK	107	0	2155711		
	OHY - ONUR AIR Tasimac	2258		21:55		CDG		320	180	22:00		TC-OAC	160		2155714		
	KKK - ATLASJET HAVACI	172		22:05		FRA		320	174	22:50		TC-OGO	124		2155715		
	KLM - KLM	1617	1610	23:15	03:25	AMS	AMS	738	174	23:12	03:29	PH-HZM	126	113	2155717		
	CLX - CARGOLUX Airlines	792	792	23:30	01:00	LLX	HKG	74Y	0	23:24	01:01	LX-GCV	0	0	2155719		
	OHY - ONUR AIR Tasimac	372		23:15		AMS		320	180	23:30		TC-OAD	95		2155718		
	OHY - ONUR AIR Tasimac	7436F		00:20		EMA		321	219	23:45		TC-OAI	0		2155721		
	AZA - ALITALIA Linee Aer	708	707	22:55	04:05	MXP	MXP	321	187	23:47	04:15	I-BIXT	117	77	2155716		
	DLH - LUFTHANSA	3344	3345	23:50	04:00	FRA	FRA	AB6	271	23:52	04:06	D-AIAL	167	217	2156312		
01-Nov	SVAC - SAUDI ARABIAN	2211	9311	20:30	21:30	JED	JED	741	424	01:34	02:32	HZ-AIC	365	0	2156311		
	RUN - ACT HAVAYOLLAR	264		01:15		KDH	ABX	0		01:35		TC-ACU	0		2155722		
	OHY - ONUR AIR Tasimac	082		04:45		TZX	320	180		04:45		TC-OAC	115		2155725		
	OHY - ONUR AIR Tasimac	032		04:45		DIY	M88	165		04:45		TC-ONM	160		2155723		
	OHY - ONUR AIR Tasimac	010		04:45		ADA	M88	165		04:40		TC-ONO	72		2155724		
	BWG - BLUE WINGS AG	231		05:00		STR	320	180		05:00		TC-FBE	157		2156310		
	KKK - ATLASJET HAVACI	010		05:00		AYT	319	144		05:00		TC-OGU	141		2155727		
	KKK - ATLASJET HAVACI	050		05:00		TZX	320	174		05:00		TC-OGP	87		2155726		
	KKK - ATLASJET HAVACI	032		05:10		ADA	CR9	90		05:10		TC-ETC	90		2155728		
	OHY - ONUR AIR Tasimac	064		05:15		ASR	M88	165		05:10		TC-ONP	93		2155729		
	OHY - ONUR AIR Tasimac	050		05:35		ADB	M83	165		05:30		TC-OAT	117		2155730		
	BCS - EAT	949	948	06:05	19:30	BRU	BRU	75F	0	06:02	19:35	OO-DPN	0	0	2155734		

This report is interactive. If the flight is selected to be used in ground handling company performance evaluation statistics, then the icon is displayed. Double clicking on this icon will open the [questionnaire](#) in the Quality Module.

7.20.8 Flights Report for Rostering

This is a special report that is designed to be used with general purpose 3rd party roster software. Flights are listed as arrivals first and departures next. [Landings filter](#) is used as the filter for this report. Here is a sample report output:

Flights Report (for rostering)

Filter Preview Print Export Excel Save

Page 1 of 1

SAMPLE COMPANY

Flights Report (for Rostering)

Flight No	Scheduled Date	From	To	Dep Time	Arr Time	Aircraft Type	Airline	Repr	Station	Load Type	Flight Type
172	31.10.2006	FRA	IST		2205X	320	KKK	00	IST	P	NR
1617	31.10.2006	AMS	IST		2315X	738	KLM	00	IST	P	NR
792	31.10.2006	LUX	IST		2330X	74Y	CLX	00	IST	C	TR
372	31.10.2006	AMS	IST		2315X	320	OHY	00	IST	P	NR
7436F	01.11.2006	EMA	IST		0020X	321	OHY	00	IST	P	FR
708	31.10.2006	MXP	IST		2255X	321	AZA	00	IST	P	NR
3344	31.10.2006	FRA	IST		2350X	AB6	DLH	00	IST	P	NR
4872	31.10.2006	IST	DXB	2225X		313	UAEC	00	IST	C	NR
792	01.11.2006	IST	HKG	0100X		74Y	CLX	00	IST	C	FR
264	01.11.2006	IST	KDH	0115X		ABX	RUN	00	IST	C	TK
1610	01.11.2006	IST	AMS	0325X		738	KLM	00	IST	P	NR
3345	01.11.2006	IST	FRA	0400X		AB6	DLH	00	IST	P	NR
707	01.11.2006	IST	MXP	0405X		321	AZA	00	IST	P	NR
082	01.11.2006	IST	TZX	0445X		320	OHY	00	IST	P	NR
032	01.11.2006	IST	DIY	0445X		M88	OHY	00	IST	P	NR
010	01.11.2006	IST	ADA	0445X		M88	OHY	00	IST	P	NR
231	01.11.2006	IST	STR	0500X		320	BWG	13	IST	P	NR
010	01.11.2006	IST	AYT	0500X		319	KKK	00	IST	P	NR
050	01.11.2006	IST	TZX	0500X		320	KKK	00	IST	P	NR
032	01.11.2006	IST	ADA	0510X		CR9	KKK	00	IST	P	NR
064	01.11.2006	IST	ASR	0515X		M88	OHY	00	IST	P	NR
435	01.11.2006	IST	PRG	0525X		735	CSA	00	IST	P	NR
050	01.11.2006	IST	ADB	0535X		M83	OHY	00	IST	P	NR

The save button can be used to save this report in delimited text format.

7.20.9 Merged Flights Report

In Celebris, a landings can be created in the following ways:

- A landing with one arrival and one departure flight.
- A landing with one arrival but no departure flight.
- A landing with no arrival but one departure flight.

Although not recommended, sometimes it is preferred by the operations staff to create separate landings for arrival and departure flights (with the purpose of being able to create two different service charge forms). In that case, it is desired to track an aircraft by merging those separately created landings. This report merges separate landings by using the landed airport, aircraft registration number and two hours difference in the blocks on and blocks off times.

This report uses the [landings filter](#). Here is a sample output:

Flights Report (flights within 2 hours are merged)

Filter Preview Print Export Excel

Flights Report (flights within 2 hours are merged) **Dates:** 01/11/2006 00:00 - 02/11/2006 00:00 (local) **Page 1 of 5**
Station: IST - Atatürk

SAMPLE COMPANY

Airline	Date	In	Out	STA	STD	Prvs/From	To/2nd Leg	Actype	Reg	Seat Cp
ATLASJET HAVACILIK A.S.	01-11-2006		KKK010	RON	05:00	IST	AYT	319	TC-OGU	144
BLUE WINGS AG	01-11-2006		BWG231	RON	05:00	IST	STR	320	TC-FBE	180
ATLASJET HAVACILIK A.S.	01-11-2006		KKK032	RON	05:10	IST	ADA	CR9	TC-ETC	90
ONUR AIR Tasimacilik A.S.	01-11-2006		OHY064	RON	05:15	IST	ASR	M88	TC-ONP	165
CSA Czech Airlines	01-11-2006		CSA435	RON	05:25	IST	PRG	735	OK-XGE	108
ONUR AIR Tasimacilik A.S.	01-11-2006		OHY050	RON	05:35	IST	ADB	M83	TC-OAT	165
ONUR AIR Tasimacilik A.S.	01-11-2006		OHY293	RON	06:00	IST	MAD	M88	TC-ONR	165
ONUR AIR Tasimacilik A.S.	01-11-2006		OHY113	RON	06:00	IST	ZRH	320	TC-OAD	180
ATLASJET HAVACILIK A.S.	01-11-2006		KKK022	RON	06:00	IST	ADB	CR9	TC-ETD	90
EAT	01-11-2006	BCS949	BCS948	06:05	19:30	BRU	BRU	75F	OO-DPN	0
TNT I.A.S.	01-11-2006	NTR081C	NTR082B	06:10	19:55	LGG	LGG	733	OO-TNF	148
ATLASJET HAVACILIK A.S.	01-11-2006	KKK011		06:10	RON	AYT	IST	319	TC-OGU	144
ONUR AIR Tasimacilik A.S.	01-11-2006		OHY022	RON	06:15	IST	AYT	M83	TC-OA5	165
ATLASJET HAVACILIK A.S.	01-11-2006	KKK1011	KKK1012	06:15	07:00	ECN	ECN	319	TC-OGV	144
LUFTHANSA	01-11-2006		DLH3353	RON	06:20	IST	MUC	320	D-AIPS	142
ONUR AIR Tasimacilik A.S.	01-11-2006	OHY027	OHY074	06:30	07:30	AYT	SZF	M83	TC-OAU	165
ONUR AIR Tasimacilik A.S.	01-11-2006	OHY059	OHY042	06:40	07:30	ADB	GZT	M83	TC-OAV	165
ATLASJET HAVACILIK A.S.	01-11-2006	KKK029	KKK020	07:00	07:40	ADB	ADB	CR9	TC-ETB	90
LUFTHANSA Cargo AG	01-11-2006	GEC8604	GEC8603	07:05	19:10	CGN	CGN	ABX	TC-MNU	0
AIR ASTANA Joint-Stock Comp.	01-11-2006	KZR911	KZR912	08:10	10:00	ALA	ALA	320	P4-TAS	148
ONUR AIR Tasimacilik A.S.	01-11-2006	OHY011		08:30	RON	ADA	IST	M88	TC-ONO	165
ONUR AIR Tasimacilik A.S.	01-11-2006	OHY065	OHY062	08:30	10:15	ASR	MLX	M88	TC-ONP	165
ATLASJET HAVACILIK A.S.	01-11-2006	KKK023	KKK012	08:40	09:30	ADB	AYT	CR9	TC-ETD	90
AZAL AZERBAIJAN AIRLINES	01-11-2006	AHY075	AHY076	08:50	10:10	GVD	GVD	752	VP-BBR	180
ATLASJET HAVACILIK A.S.	01-11-2006	KKK033	KKK024	08:50	09:30	ADA	ADB	CR9	TC-ETC	90

RON means 'rests overnight'. This report is usually retrieved for one full day. If the RON is at the STA column, it means this aircraft stayed at night; if the RON is at STD column, it means the aircraft will depart but on next day (or more).

To illustrate the outcome of this report, let's give an example for the OHY 027 and OHY 074 flights, which can be seen in a single line in the report, are indeed separate landings. Here is a screenshot from the main landings screen for those flights:

The screenshot shows the 'Landings' application window with a filter section at the top and a main data table. The filter includes fields for A/L, Rep, Arr, Fm, AC, M83, Reg, TC-OAU, Area, SCF No, and checkboxes for Operational, Cancelled, and Deleted. The main table has columns: A/L, FNo-A, From, AC-A, Reg-A, STA, ETA, ETA2, TDW, BLON, DOP, Slot-A, Prev, Repr, Park, Tech, Form No, Ops.Ag, Msg, Delay, Stat, Status-Arr, Status-Dept, Time, and Plan. The table contains several rows of flight data, including flight numbers like OHY 027, 074, 075, 016, 017, and 026, with various times and statuses such as LANDED and DEPARTED.

So, it can be concluded that this report gives us the look and feel where separate landings are as if single landings.

7.20.10 Weekly Flight Totals

The weekly flight totals report reports the total number of realized (or canceled) flights grouped by domestic/international. The filter of this report is:

The 'Weekly Flight Totals Filter' dialog box contains the following fields and options:

- Airport:** IST - Atatürk
- Airline:** (empty field)
- Repr:** (empty field)
- Begin:** 06/11/2006 Inclusive
- End:** 13/11/2006 Exclusive
- Time Zone:** Local UTC
- Status:** Operational Cancelled
- Count Realized Flights Only:**
- Report:** (button)

We have the option to choose airport, airline, representative, begin and end dates (in local or utc time zone), operational or canceled flights, and whether to count only realized flights.

Here is a sample output:

Weekly Flight Totals Report
Operational, Realized Flights

20/11/2007 02:23
Page 1 of 2

Between : 06/11/2006 - 13/11/2006 (local) **Airline :** All Airlines
Airport : IST - Atatürk **Representative :** All Representatives

D/I	Airline Msname	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Grand Total
I	ADISP INTERNATIONAL ADHOC FLIGHTS						1		1
	AFR AIR FRANCE	3	3.5	3	3	3	3	3	21.5
	AHY AZAL AZERBAIJAN AIRLINES	1	1	1	1	1	1		6
	AME Spanish Air Force					0.5		1	1.5
	APR Aprilia Holding Inc.			1					1
	AYZ ATLANT-SOYUZ AIRLINES Joint-Stock Cor		1	1	0.5	0.5	1.5	1.5	6
	AZA ALITALIA Linee Aeree Italiane SpA	3	3	3	3	3	3	3	21
	BCS EAT	1	1	1	1	1	0.5	0.5	6
	BRQ BURQAQ AIR				1			1	2
	BWG BLUE WINGS AG				1	4	6.5	5.5	17
	CEF Czech Air Force							1	1
	CLX CARGOLUX Airlines International S.A.			1	0.5	0.5			2
	CPN CASPIAN AIRLINES				1				1
	CSA CSA Czech Airlines	0.5	1	1	1	1	0.5		5
	DAT SN Brussels Airlines		1		1			1	3
	DLH LUFTHANSA	5.5	5	5	5	5	5	2.5	33
	ELY EL AL Israel Airlines Ltd			1	1			1	3
	GEC LUFTHANSA Cargo AG	0.5	0.5	1	1	1	1	0.5	5.5
	GFA GULF AIR Co. G.S.C.	1		1		1		1	4
	GMA GAMA AVIATION Ltd				0.5	0.5			1
	GTC GOLDEN INTERNATIONAL AIRLINES		1	0.5	1	1	1.5		5
	IBE IBERIA Lineas Aereas de Espana S.A.	1	1	1	1	1	1	2	8

At the end of each domestic/international group, there are the group totals and in the summary part, the grand sum of both domestic and international flights.

0.5 for a flight count means a landing with only arrival or only departure or both arrival and departure but either arrival or departure stays out of the specified date criteria.

7.20.11 Grouped Flight Totals

Grouped flight totals report reports the flights grouped by airport, airline, representative, aircraft model, seat capacity, mtow, domestic/international, schedule type, flight type and the handling company defined legacy code. These detailed grouping makes it possible to generate more reports from the outcome of this report.

The landings filter is used as the filter for this report. Here is a sample outcome:

Grouped Flight Totals

Filter Preview Print Export Excel

Grouped Flight Totals

Airport: IST - Atatürk

Arrival: 01/11/2006 00:00 - 02/11/2006 00:00 (local)

Departure: 01/11/2006 00:00 - 02/11/2006 00:00 (local)

20/11/2007 02:45:51
Page 1 of 3

A/P	Repr	A/L	A/L	A/C	Seat	MTOW	D	Sch	Group	Total	F	Fs	NR	NRs	TK	TKs	TR	TRs	FR	FRs	
Repr Name	Code	Name	Model	Grp	Grp	I	Chrt	Load	Code												
IST	03	FLY	ADISP	INTERNATIONAL ADHOC	L4T	0-20	0-10	I	Chrt	P	Yabano Özel	0.5	0	0.5	0	0.5	0	0	0	0	0
IST			AFR	AIR FRANCE	320	151-190	50-75	I	Sch	P	Tarifeli	2	1	1	1	1	0	0	0	0	0
IST			AFR	AIR FRANCE	320	151-190	75-100	I	Sch	P	Tarifeli	1	1	0	1	0	0	0	0	0	0
IST			AHY	AZAL AZERBAIJAN AIRLII	752	151-190	100-140	I	Sch	P	Tarifeli	1	1	0	1	0	0	0	0	0	0
IST	36	OLIMPIK	AVZ	ATLANT-SOYUZ AIRLINE	ILW	251-350	190-320	I	Chrt	P	Rus	1.5	0	1.5	0	1.5	0	0	0	0	0
IST			AZA	ALITALIA Linee Aeree Ita	321	151-190	75-100	I	Sch	P	Tarifeli	3	2	1	2	1	0	0	0	0	0
IST			BGS	EAT	75F	0-20	75-100	I	Sch	C	Kargo	1	1	0	1	0	0	0	0	0	0
IST	13	GOZEN	BWG	BLUE WINGS AG	320	151-190	75-100	I	Chrt	P	Charter	2	2	0	2	0	0	0	0	0	0
IST			CLX	CARGOLUX Airlines Interr	74Y	0-20	>320	I	Sch	C	Kargo	1	0	1	0	0	0	0	0	1	0
IST			CSA	CSA Czech Airlines	735	101-125	50-75	I	Sch	P	Tarifeli	1	0	1	0	1	0	0	0	0	0
IST			DLH	LUFTHANSA	320	126-150	50-75	I	Sch	P	Tarifeli	2	1	1	1	1	0	0	0	0	0
IST			DLH	LUFTHANSA	321	151-190	75-100	I	Sch	P	Tarifeli	2	2	0	2	0	0	0	0	0	0
IST			DLH	LUFTHANSA	AB6	251-350	140-190	I	Sch	P	Tarifeli	1	0	1	0	1	0	0	0	0	0
IST			ELY	EL AL Israel Airlines Ltd	73G	101-125	50-75	I	Sch	P	Tarifeli	1	0	1	0	1	0	0	0	0	0
IST			GEC	LUFTHANSA Cargo AG	ABX	0-20	140-190	I	Sch	C	Kargo	1	1	0	0	0	0	0	0	0	1
IST			GFA	GULF AIR Co. G.S.C.	320	126-150	75-100	I	Sch	P	Tarifeli	1	1	0	1	0	0	0	0	0	0
IST			IBE	IBERIA Lineas Aereas de	320	126-150	50-75	I	Sch	P	Tarifeli	1	1	0	1	0	0	0	0	0	0
IST			JAT	JAT AIRWAYS	AT7	51-100	10-25	I	Sch	P	Tarifeli	1	1	0	1	0	0	0	0	0	0
IST			KKK	ATLASJET HAVACILIK A.Ş	319	126-150	50-75	I	Chrt	P	Türk	2	2	0	2	0	0	0	0	0	0
IST			KKK	ATLASJET HAVACILIK A.Ş	319	126-150	50-75	D	Sch	P	Türk	3	2.5	0.5	2.5	0.5	0	0	0	0	0
IST			KKK	ATLASJET HAVACILIK A.Ş	320	151-190	75-100	I	Chrt	P	Türk	0.5	0	0.5	0	0.5	0	0	0	0	0

Some column definitions in this report:

Total	Total number of flights in the group.
F	Total flight count in the group and out of the surcharge period.
Fs	Total flight count in the group an in the surcharge period. (F + Fs = Total)
NR	Normal flight. Normal can be defined as a flight, which is not ferry or is transit.
NRs	Normal flight in the surcharge period.
TR	Transit flight. A transit flight is not ferry, and arrival and departure flight numbers are the same.
TRs	Transit flight in a surcharge period.
TK	Technical flight.
TKs	Technical flight in a surcharge period.
FR	Ferry flights
FRs	Ferry flights in the surcharge period.

7.20.12 Pax Density Report

This report reports the passenger densities for the realized flights grouped by the handling company defined legacy code, airline and domestic/international flag. The passenger density is the ratio of number of passengers divided by the aircraft seat capacity.

The [landings filter](#) is used as the filter for this report. Here is a sample outcome:

Pax Density Report

Filter Preview Print Export Excel

Airline Pax Densities Report 20/11/2007 03:17:19
Page 1 of 3

SAMPLE COMPANY **Airport:** IST - Atatürk
Arrival: 01/11/2006 00:00 - 02/11/2006 00:00 (local)
Departure: 01/11/2006 00:00 - 02/11/2006 00:00 (local)

Fl. Type	AL Code	AL Name	D I	Nr. Of Flights	Pax In	Pax Out	Seat Arr.	Seat Dep.	Pax Arr.	Pax Dep.	Arr.Pax Dens.	Dep.Pax Dens.	Pax In Dens.	Pax Out Dens.	
Tarifeli	AFR	AIR FRANCE	I	3.0	462.0	267.0	477.0	477.0	462.0	267.0	119.29	78.41	96.86	55.97	
	AHY	AZAL AZERBAIJAN AIRLINES	I	1.0	162.0	98.0	180.0	180.0	162.0	98.0	90.00	54.44	90.00	54.44	
	AZA	ALITALIA Linee Aeree Italiane SpA	I	3.0	462.0	343.0	561.0	561.0	462.0	343.0	82.35	61.14	82.35	61.14	
	CSA	CSA Czech Airlines	I	1.0	24.0	37.0	108.0	108.0	24.0	37.0	92.59	83.33	22.22	34.26	
	DLH	LUFTHANSA	I	5.0	726.0	800.0	915.0	915.0	726.0	800.0	92.46	101.75	79.34	87.43	
	ELY	EL AL Israel Airlines Ltd	I	1.0	107.0	72.0	104.0	104.0	107.0	72.0	102.88	69.23	102.88	69.23	
	GFA	GULF AIR Co. G.S.C.	I	1.0	90.0	90.0	129.0	129.0	90.0	90.0	69.77	69.77	69.77	69.77	
	IBE	IBERIA Lineas Aereas de Espana S.A	I	1.0	150.0	129.0	150.0	150.0	129.0	100.00	86.00	100.00	86.00	100.00	86.00
	JAT	JAT AIRWAYS	I	1.0	32.0	43.0	66.0	66.0	32.0	43.0	48.48	65.15	48.48	65.15	
	KLM	KLM	I	2.0	272.0	244.0	348.0	348.0	272.0	244.0	78.16	70.11	78.16	70.11	
	KZR	AIR ASTANA Joint-Stock Company	I	1.0	135.0	137.0	148.0	148.0	135.0	137.0	91.22	92.57	91.22	92.57	
	SVAT	SAUDI ARABIAN AIRLINES (SCHEDU	I	1.0	248.0	48.0	287.0	287.0	248.0	48.0	86.41	16.72	86.41	16.72	
	UAE	EMIRATES	I	1.0	296.0	249.0	427.0	427.0	296.0	249.0	69.32	58.31	69.32	58.31	
	Tarifeli Totals :				22.0	3,166.0	2,557.0	3,900.0	3,900.0	3,166.0	2,557.0				
Kargo	BCS	EAT	I	1.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	
	CLX	CARGOLUX Airlines International S.A.	I	1.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	
	GEC	LUFTHANSA Cargo AG	I	1.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	
	KLM	KLM	I	1.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	
	NTR	TNT I.A.S.	I	1.0	0.0	0.0	148.0	148.0	0.0	0.00	0.00	0.00	0.00	0.00	
	RUN	ACT HAVAYOLLARI A.S.	I	1.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	

7.20.13 Periodic Pax Report

This report reports the passenger counts grouped by airport, airline and domestic/international. The [landings filter](#) is used as the filter. Here is a sample outcome:

Periodic Pax Report

Filter Preview Print Export Excel

Periodic Airline Pax Report 20/11/2007 03:25:37
Page 2 of 2

SAMPLE COMPANY **Airport:** IST - Atatürk
Arrival: 01/11/2006 00:00 - 02/11/2006 00:00 (local)
Departure: 01/11/2006 00:00 - 02/11/2006 00:00 (local)

A/L	A/L Name	D I	Pax In	Pax Out	In + Out
MOV	VIM AIRLINES Ltd	I	399	156	555
NLK	ELBRUS-AVIA	I	117	104	221
NTR	TNT I.A.S.	I			
OHY	ONUR AIR Tasimacilik A.S.	I	351	458	809
OHY	ONUR AIR Tasimacilik A.S.	D	2,830	2,164	4,994
RUN	ACT HAVAYOLLARI A.S.	I			
SVAC	SAUDI ARABIAN AIRLINES (CHARTER)	I			
SVAT	SAUDI ARABIAN AIRLINES (SCHEDULED)	I	248	48	296
UAE	EMIRATES	I	296	249	545
UAEC	Emirates Cargo	I			
UKM	UKRAINIAN MEDITERRANEAN AIRLINES	I	118	111	229
VLK	VLADIVOSTOK AIR Joint-Stock Company	I	158	149	307
WLG	VOLGA-AVIAEXPRESS Company Ltd	I	124	96	220
XPE	AMIRA AIR	I		4	4
IST Totals :			9,940	8,719	18,659
Summary :			9,940	8,719	18,659

7.20.14 Park Position Statistics

This report can be used to track the park positions used per seat capacity and mtow group. This report is grouped by park area code, park position code, airport, airline, representative, aircraft model, legacy code, passenger/cargo/baggage/combi, ferry, domestic/international, seat capacity group, mtow group and the park position type.

The filter for the park position statistics report is as follows:

Park Position Statistics Filter

Begin Date *inclusive* Local
End Date *exclusive* UTC

Airport
Airline
Representative
Park Area
Park Pos

Park Pos Properties
 All
 Bridge Positions Only
 Open Positions Only

Dates, airport, airline, representative, park area and position as well as the position properties can be specified. Here is a sample outcome for this report:

Park Position Statistics Report

Filter Preview Print Export Excel

SAYFA 1 / 1

SAMPLE COMPANY

PARK POSITION STATISTICS REPORT

Between : 01/11/2006 00:00 - 07/11/2006 00:00 **Park Pos :** All
Airport : BJV - Milas Airport **Airline :** All Airlines
Park Area : All **Representative :** All Representatives

Park Area	Park Pos	A/L A/P	Code	Airline	Repr	AC Model	Fl. Type	Fl. Load	W.B. Cnt	N.B. Cnt	D I	Seat Grp	MTOW Grp	Pos Type	Flight Cnt
1	1	BJV	KKK	ATLASJET HAVACILIK A.S.		CR9	Türk	P	0	3	D	51-100	25-50		3
1	11	BJV	OHY	ONUR AIR Tasimacilik A.S.		321	Türk	P	0	1	D	190-250	75-100		1
1	12	BJV	TCX	THOMAS COOK AIRLINES (UK) STEELBIRD		320	Charter	P	0	1	I	151-190	75-100		1
1	12	BJV	OHY	ONUR AIR Tasimacilik A.S.		321	Türk	P	0	2	I	190-250	75-100		2
1	12	BJV	OHY	ONUR AIR Tasimacilik A.S.		321	Türk	P	0	2	I	190-250	75-100		2
1	12	BJV	HLF	HAPAG-LLOYD Flug GmbH		73H	Charter	P	0	1	I	151-190	50-75		1
1	2	BJV	OHY	ONUR AIR Tasimacilik A.S.		M83	Türk	P	0	1	D	151-190	50-75		1
1	2	BJV	OHY	ONUR AIR Tasimacilik A.S.		M88	Türk	P	0	1	D	151-190	50-75		1
1	25	BJV	OHY	ONUR AIR Tasimacilik A.S.		321	Türk	P	0	1	I	190-250	75-100		1
1	25	BJV	OHY	ONUR AIR Tasimacilik A.S.		M88	Türk	P	0	1	I	151-190	50-75		1
1	26	BJV	OHY	ONUR AIR Tasimacilik A.S.		M88	Türk	P	0	1	I	151-190	50-75		1
1	28	BJV	KKK	ATLASJET HAVACILIK A.S.		CR9	Türk	P	0	1	D	51-100	25-50		1
1	3	BJV	OHY	ONUR AIR Tasimacilik A.S.		M83	Türk	P	0	1	D	151-190	50-75		1
1	3	BJV	OHY	ONUR AIR Tasimacilik A.S.		M88	Türk	P	0	1	D	151-190	50-75		1
1	4	BJV	OHY	ONUR AIR Tasimacilik A.S.		M88	Türk	P	0	1	D	151-190	50-75		1
1	5	BJV	KKK	ATLASJET HAVACILIK A.S.		319	Türk	P	0	1	D	126-150	50-75		1
									0	20				20	

7.20.15 Passenger and Traffic Report

Passenger and traffic report is used to officially report the passenger statistics to the airport authority. This report uses the [landings filter](#) as its filter. Here is a sample screenshot:

SAMPLE COMPANY		Reg Arr	Reg Dep	FLno Arr	FLno Dep	From	To	Pax Arr	Baby	Pax Dep	Baby	Tmsit	Pad In	Pad Out	Bagg Arr	Dep	Cargo Arr	Dep	Mail Arr	Dep		
Infl	01/10/2006	AFR - 00 - AIR FRANCE	F-GKXJ	F-GKXJ	2390	2391	CDG	CDG	0	135	0	0	0	0	0	2730	0	0	0	0		
	01/10/2006	AFR - 00 - AIR FRANCE	F-GFKJ	F-GFKJ	1590	1591	CDG	CDG	103	0	133	0	0	0	1992	2300	0	0	0	0		
	01/10/2006	AFR - 00 - AIR FRANCE	F-GKXF	F-GKXF	1790	1791	CDG	CDG	65	110	0	0	0	0	1217	1510	285	0	0	0		
								Infl Total:	168	0	378	0	0	0	3209	6540	285	0	0	0		
								AIR FRANCE Total:	168	0	378	0	0	0	3209	6540	285	0	0	0		
Infl	01/10/2006	AYZ - 36 - ATLANT-SOYUZ AIRLINES Joint-Stock Company RA-85140 RA-85140	9701	9702	VKO	VKO		158	128	0	0	0	0	0	759	3169	0	0	0	0		
								Infl Total:	158	0	128	0	0	0	759	3169	0	0	0	0		
								ATLANT-SOYUZ AIRLINES Joint-Stock Company Total:	158	0	128	0	0	0	759	3169	0	0	0	0		
Infl	01/10/2006	AZA - 00 - ALITALIA Linee Aeree Italiane SpA	I-BIXR	I-BIXR	708	707	MXP	MXP	82	1	74	0	0	0	1320	1374	1062	996	0	0		
	01/10/2006	AZA - 00 - ALITALIA Linee Aeree Italiane SpA	I-BIXJ	I-BIXJ	706	703	MXP	FCO	59	1	142	1	0	0	1046	2387	1751	1494	54	1		
	01/10/2006	AZA - 00 - ALITALIA Linee Aeree Italiane SpA	I-BIXD	I-BIXD	702	709	FCO	MXP	110	1	157	0	0	0	1820	2239	1086	0	55	0		
								Infl Total:	251	3	373	1	0	0	4186	6000	3899	2490	109	1		
								ALITALIA Linee Aeree Italiane SpA Total:	251	3	373	1	0	0	4186	6000	3899	2490	109	1		
Infl	30/09/2006	BCS - 00 - EAT	OO-DLG	OO-DLG	948	948	ATH	BRU	0	0	0	0	0	0	0	0	0	34094	0	0		
								Infl Total:	0	0	0	0	0	0	0	0	0	0	34094	0	0	
								EAT Total:	0	0	0	0	0	0	0	0	0	0	34094	0	0	
Infl	30/09/2006	BPS - 42 - BUDAPEST AIRCRAFT SERVICES Kft.		HA-TOW		3901		ATH	0	0	0	0	0	0	0	0	0	0	2733	0	0	
	01/10/2006	BPS - 42 - BUDAPEST AIRCRAFT SERVICES Kft.		HA-TOW		3902		ATH	0	0	0	0	0	0	0	0	0	0	1690	0	0	
								Infl Total:	0	0	0	0	0	0	0	0	0	0	1690	2733	0	0
								BUDAPEST AIRCRAFT SERVICES Kft. Total:	0	0	0	0	0	0	0	0	0	0	1690	2733	0	0

Part



8 Operations Management

Operations staff enters the given services' information into a service charge form. In Celebris, there are two different service charge form main types: Landed and Ground. Landed service charge form is a service charge form related with a landing, and uses all of the context details that are related to a landed. The ground service charge forms are provided to supply a facility for input and pricing of the services given to an aircraft already on the ground, where no landing context is available.

8.1 Landed Service Charge Form

A landed service charge form is the service charge form that is related with a landing. There can be two different landed service charge forms: Normal and extra. Normal forms are the forms to use in daily operations management. Extra forms are also provided so that the long staying air crafts can have two different service forms and the first (normal) service charge form can be invoiced while the second can wait.

8.1.1 Landed Service Charge Form Main Screen

A landed service charge form can be initialized using one of the two buttons in the [landed screen](#) SCF or extra SCF.

When the SCF or extra SCF button is pressed and if there is still no service charge form for that landing, the opened landed service charge form screen starts by asking a question:

The screenshot shows the 'Service Charge Form (Landed)' interface. At the top, there's a 'Landed Data (UTC)' table with columns: A/L, FNo-A, From, AC-A, Reg-A, STA, ETA, ETA2, TDW, BLON, DOP, Slot-A, Prev, Repr, Park, Tech, Form No, Ops.Ag, Misc, Delay, Stat, Status-Arr, and Time. The table contains two rows of data. Below the table are several buttons: 'Service Charge Form', 'Service Prices', 'Package Prices', 'Royalty', and 'Feedback'. A 'Question' dialog box is centered on the screen, asking 'Do you want to initialize the Service Charge Form for this landed?' with 'Yes' and 'No' buttons. The dialog box also has a question mark icon and a close button. The main screen also has buttons for 'Control', 'Calculate Prices', 'Summary Report', and 'Cash Report'. The status bar at the bottom shows '* [1/1] New Data, Modified'.

Answering yes to this question will initialize the service charge form for this landed. During the initialization, Celebris will take into consideration the initial agreement and general obligatory service definitions and it will create service line entries with empty quantity and unit fields for the obligatory services. Note that on top of the service charge form screen, we can see the related landing information and if necessary we can double click on it to open the landed data in the main landings screen.

Below is an example of an initialized service charge form. The services ramp, load control and gpu are predefined obligatory services with empty service time, unit and quantity fields.

The operations staff needs to fill in the blanks for the responsible employee, service charge form number, service quantity, units and time information. The units are selectable from the predefined unit group for the service. Each service can also be assigned to a different employee at this screen, but that is just informative.

It is possible that an input service is bought from an external service provider. For example, the ground handling company might buy the catering service from Gate Gourmet and sell it to the airline. This operation is transparent to the airline. If Gate Gourmet is chosen from the external company drop down at that service line, other fields related to the external service are enabled for input. These input fields are external price, currency, external document type and external document id.

On the right-side there are read-only fields that show the invoice ids for the services if they are already invoiced. An authorized accountant can push the ellipsis button to open the related invoice's screen.

On the top-right of the screen, there are three buttons: Calculate prices manually triggers price calculation for this service charge form. Summary report is the report to give to the airline right away, if necessary. Finally, the cash report is the report when at least one of the services need to be charged as cash. The operations clerk do not see the prices when the airplane does not have a service that should be charged as cash (unless he is granted operations admin role). A cash icon is displayed to the attention of the operations employee if the service charge form includes to-be-charged-as-cash services: 💰

The below image is captured from a landed service charge form which needs to be charged in cash, so that the Cash Report button is enabled:

Pressing the "cash report" button brings out the [service form report](#).

The status of the service charge form is "in progress" when the color is orange. After the service data entry finished, the responsible employee changes the service form's state to "finished" by choosing "complete" from the possible actions after right clicking and seeing the context menu on top of the status area. The completed status color is green. A service charge form is ready to be invoiced when the form status is complete.

As previously mentioned, it is possible for the agreements department to define package prices in the pricing agreements. Whether a package price exist for an airline or not should not be the concern of the operations department, so the operations department just enters the given services and their details; Celebris will calculate package prices automatically when it finds a package price defined at the valid agreement. This greatly simplifies the operations department work flow.

8.1.2 Service Prices

Seq	Service	Ctx	Service Value	Includes	Surcharges	Pricing Value	Includes
				Roy Vat			Roy Vat
1	RMP	L	Arr: 160 EUR Dep: 160 EUR	<input checked="" type="checkbox"/> <input type="checkbox"/>		165 EUR 165 EUR	<input checked="" type="checkbox"/> <input type="checkbox"/>
2	TRF	L	Arr: 0 EUR Dep: 0 EUR	<input checked="" type="checkbox"/> <input type="checkbox"/>		70 EUR 70 EUR	<input checked="" type="checkbox"/> <input type="checkbox"/>
3	LOP	L	Arr: 0 EUR Dep: 0 EUR	<input checked="" type="checkbox"/> <input type="checkbox"/>		6 EUR 6 EUR	<input checked="" type="checkbox"/> <input type="checkbox"/>
4	VIP	L	Arr: 0 EUR Dep: 0 EUR	<input type="checkbox"/> <input type="checkbox"/>		100 EUR 100 EUR	<input type="checkbox"/> <input type="checkbox"/>
5	ASR	3	Arr: 20 EUR Dep: 20 EUR	<input type="checkbox"/> <input type="checkbox"/>		20 EUR 20 EUR	<input type="checkbox"/> <input type="checkbox"/>

Service prices tab can only be seen by authorized personnel like the accountants. In this tab, the service prices can be seen. Pressing the ellipsis button will open the pricing agreements due line where the calculation is done using. That way it is possible to track the calculation routes.

Celebris calculates prices for arrival flight and departure flight separately. For a landed context, these prices must match otherwise the system will throw an error complaining the arrival and departure prices do not match, pointing out a potential user input error in the pricing definitions. In this screen it is possible to track both calculated prices.

Roy and Vat check boxes shows whether the calculated prices include royalty and value added tax.

Surcharges are calculated separately using the appropriate surcharge calculation schema defined in the agreement. Surcharge periods are defined using the [surcharge period](#) screen. Although calculated separately, when reporting the service prices it is shown as a single price added to the service (or package) price.

The Usr: field is provide so that an authorized user can override the calculated price. This is especially useful in situations where an arbitrary discount needs to be given or where the calculated price is not the desired one whether because of wrong pricing formula (or because of a system bug just in case), and an emergency solution is required.

In Celebris there are different kinds of agreements as described in the [agreements](#) screen. Agreement type-4 (which is the agreement of the handling company with itself) defines the handling company's default pricing schema. Celebris calculates real prices searching the agreements in a specific order until finds the valid price (agreement types 1, 2, 3 or 4) and every time calculates the default price as well (from type 4 agreement) so that comparison reports can be produced: "What would my income be if I charged this airline using my default pricing schema?"

The service price fields for the services that were included in a package and were priced as a package will appear empty at this screen.

8.1.3 Package Prices

Package	Package Value	Curr	Includes Roy	Includes Vat	Surcharge	Curr	Pricing Value	Curr	Includes Roy	Includes Vat	Surcharge	Curr
PBWG	950	EUR	<input checked="" type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		
Arr:	950	EUR	<input checked="" type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		
Dep:	950	EUR	<input checked="" type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		
Usr:			<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		

This package prices tab also is only active for the authorized user(the accountants). The package prices tab is very similar to the [service prices](#) tab.

8.1.4 Royalty Prices

Royalty	Royalty Value	Curr	Inc Vat	Surcharge	Curr	Inc Vat
OCR : Load Control Royalty	6	EUR	<input type="checkbox"/>			<input type="checkbox"/>
Arr:	6	EUR	<input type="checkbox"/>			<input type="checkbox"/>
Dep:	6	EUR	<input type="checkbox"/>			<input type="checkbox"/>
Usr:			<input type="checkbox"/>			<input type="checkbox"/>
RMPPR : Ramp Royalty	115	EUR	<input type="checkbox"/>			<input type="checkbox"/>
Arr:	115	EUR	<input type="checkbox"/>			<input type="checkbox"/>
Dep:	115	EUR	<input type="checkbox"/>			<input type="checkbox"/>
Usr:			<input type="checkbox"/>			<input type="checkbox"/>
TRFR : Traffic Royalty	56	EUR	<input type="checkbox"/>			<input type="checkbox"/>
Arr:	56	EUR	<input type="checkbox"/>			<input type="checkbox"/>
Dep:	56	EUR	<input type="checkbox"/>			<input type="checkbox"/>
Usr:			<input type="checkbox"/>			<input type="checkbox"/>

Royalties are the services of the airport authority where the handling company is in service. The airport authority gives authorization to the handling company for giving certain services and for granting this authorization, the airport authority company charges the company for certain services each time the service is given.

The royalty services are not true services but service lines to be priced as royalties. They are defined as if they are true services of the airport authority company at the services definition screen (after logging in to Celebris with a user that is defined to be a personnel of the airport authority company). Afterwards, the services of the airport authority and the handling company are matched using the service cross references screen. Whenever a service that was matched to a royalty service is given, Celebris automatically calculates the royalty price for the related royalty services. The airport authority services should be considered as just royalties which are to be calculated and charged.

The royalty prices are calculated using the airport authority company pricing schema. That is, a type-4 pricing agreement defined for the airport authority company.

8.1.5 Compliments and Complaints Form

The screenshot shows the 'Feedback' form within the 'Service Charge Form' application. The interface includes a tabbed menu at the top with options: Service Charge Form, Service Prices, Package Prices, Royalty, and Feedback. The 'Feedback' tab is selected, and a 'No Feedback' checkbox is present. A text area contains the message: 'We want to thank for the services quality.'. Below the text area, the 'Type' is set to 'Compliment' and the 'Date' is '01/11/2006 14:30'. A 'Departments' section shows a dropdown menu with 'CARGO' selected and another dropdown with 'Compliment' selected.

The final tab in the landed service charge form screen is the compliments and complaints feedback form. Any received feedback about the given services belonging to this particular service charge form can be entered at this screen in a categorized way (whether it is a complaint or a compliment, the related departments) for later evaluation and reporting.

No feedback can explicitly be specified using the no feedback checkbox.

8.2 Ground Service Charge Form

Ground service charge form is provided for giving services to the non-operative air crafts (air crafts that have parked in that airport for repair for example; i.e., no flight or landed context is available) or for the non-airline companies.

8.2.1 Ground Service Charge Form Main Screen

The screenshot displays the 'Ground Service Charge Form' main screen. It features a tabbed interface with 'Service Charge Form', 'Ground', 'Service Prices', and 'Royalty' tabs. The 'Form Header' section contains the following fields: 'Service Charge Form No' (930393), 'Responsible Employee' (Demir, Gokhan), 'Date (local)' (24/06/2005 09:36), and 'Status' (In Progress). There are 'Calculate Prices' and 'Summary Report' buttons. The 'Form Details' section is a table with the following columns: Service, Applies To General, Begin (local), End, Min, Qty, Unit, Employee, External Company, External Price, Ext Curr, External Doc Type, External Doc ID, and Invoice. The table contains one row with Service 'CRM', Applies To General checked, Qty '22', Unit 'KM', and Invoice '356361'.

This screen is very similar to the landed service charge form, except that there is no related landing information

provided on the top of the screen. Instead, the ground related details will be asked in the second tab: The ground details.

8.2.2 Ground Details

This is the tab where the ground related information can be input. This is a very flexible screen. The information entered to this screen might either belong to an aircraft, an airline; or might just be a company, a regular non-airline company, information for charging any services that does not need the airline or aircraft context.

First, either the company or the airline information is entered. No matter which one is entered, Celebris inspects the airline-company relations and sets the related entity as well. If the services are given to an aircraft of an airline, the registration number is entered so that the Context variables about aircraft registration details like mtow, seat capacity, etc. will be available at the price calculations. It is possible to override this data at this screen.

All of the input fields at this screen other than the airport and the company fields are optional. If aircraft registration information is entered then domestic/international, schedule type, flight type, load type and normal/technical flag data is also required to be input.

8.2.3 Ground Service Prices

This tab is similar to the [service prices](#) tab in the landed service charge form details.

8.2.4 Ground Royalty

This tab is similar to the [royalty prices](#) tab in the landed service charge form details.

8.3 Service Form Control Mechanism

Service charge form inputs are where the information about the given services that will be charged is input along with the service amounts, so it is very crucial to have the correct information input in order to prevent any under charging or over charging occasions.

Although Celebris supplies numerous reports where any inconsistency resulting from data input can be identified, it also supplies a Service Form Control Mechanism where the service charge form input information is controlled and approved and all the changes to it after approval are reported by email and logged in a work flow .

Celebris lets authorized control clerks be defined at the following screen per airport:

When a service charge form is first created at the system, it is in In Progress status. When the data input for that form is complete, the responsible employee changes its status to Completed state. It is the job of the control clerks to check the data of the forms that are in the Completed state, and change their state into Approved.

The state of all service charge forms included in a prepared potential invoice should be Approved before invoice generation, except for some accounting users which have a special authorization to be able to generate invoices from the forms that are in Completed state. The [potential invoice](#) screen, [potential invoice headers](#) part shows the number of service charge forms included in the invoice according to their states. If there are forms that are still in the Completed state that are included in that potential invoice, the screen displays a warning sign and does not allow the invoice to be generated when attempted if the user does not have a special authorization for it.

Potential Invoice Header												
Comp	A/P	Acc Grp	Curr	Inv Date	Pay Type	Legacy Group	Dom Intl	Form Cnt	Appr Cnt	Ce	G	
KQA	00	IST	HF	EUR	10.11	CRED	1-Tarifeli	Intl	3	⚠	0	Ha
KQA	00	IST	AL	EUR	10.11	CRED	1-Tarifeli	Intl	3	⚠	0	Ha
MAS	00	IST	HF	EUR	15.11	CRED	1-Tarifeli	Intl	7	⚠	0	Ha
GFA	00	IST	HF	EUR	10.11	CRED	1-Tarifeli	Intl	12	⚠	0	Ha
UAE	00	IST	HF	GNL	10.11	CRED	1-Tarifeli	Intl	19	⚠	0	Ha
RAM	00	IST	HF	EUR	10.11	CRED	1-Tarifeli	Intl	2	⚠	0	Ha
RAM	00	IST	HF	EUR	10.11	CRED	1-Tarifeli	Intl	2	⚠	0	C

On the above image, the exclamation marks imply that the forms included in the potential invoices have not been approved yet.

The accounting clerk can request the unapproved forms to be approved by just clicking a button and the system generates two types of automatic e-mail:

1- An e-mail to be prepared and sent separately to each responsible employee of the forms that are included in that specific potential invoice. The e-mail lists all the forms of that responsible employee that are included in that potential invoice.

2- An e-mail to be sent to the control clerks of the related airports that lists all the forms waiting to be approved with the responsible employees of the forms in that potential invoice.

If a form in the Approved state needs to be altered, it has to be taken back to a previous state and made Completed after applying the changes, so that these later changes can also be controlled and approved by the control clerks and the state can be made Approved by them.

In some cases the normal work flow might need to be bypassed, for example when an accounting clerk realizes a need for a change in a form just before the invoice generation process. Then he/she can alter the form while it is still in Approved state, but all the changes to the form will then be logged in the system and an e-mail explaining the changes made to the form will automatically be generated by the system and will be sent to the responsible employees and the control clerks of the altered service charge form. The e-mail is specially formatted in html and contains hyperlinks.

The below image shows a snapshot from the header part of a sample audit trail mail:

This is the audit trail report starting from 22/11/2007 18:27:59 for Service Form Header and for its key = "394070" and for the related tables (Service Form Detail):

Note: All the dates and times in this report is given in Eastern European Time timezone.

Transactions

Service Form Header (Key = Statement ID)

Key	Xaction	Date	User	Go
394070	Status At	22/11/2007 18:13:54	gdemir	Detail

Service Form Detail (Key = Statement ID ; Service Seq)

Key	Xaction	Date	User	Go
394070;1	Status At	22/11/2007 18:06:26	gdemir	Detail
394070;2	Status At	22/11/2007 18:06:26	gdemir	Detail
394070;3	Status At	22/11/2007 18:06:26	gdemir	Detail
394070;4	Status At	22/11/2007 18:25:45	gdemir	Detail
394070;4	Update	22/11/2007 18:27:59	gdemir	Detail

Details

Service Form Header: Status of the record at 22/11/2007 18:13:54: [Go Top](#)

Field	Value
Statement ID	394070
Date	16/11/2006 08:15:00
Company	1 (SAM-SAMPLECO)
Branch	1

The below image shows a snapshot from the detail part of a sample audit trail mail:

Service Form Detail: Status of the record at 22/11/2007 18:25:45: [Go Top](#)

Field	Value
Statement ID	394070
Service Seq	4
Company	1 (SAM-SAMPLECO)
Package Code	
Service Code	GPU
Context Type	2
External Company	
Svc Begin Time	16/11/2006 07:00:00
Svc End Time	01/01/1900 08:03:56
Quantity	1.0000
Unit	8 (UNIT-Unit)
Employee	
Ext.Price	
Ext.Currency	
Ext.Doc.Type	
Ext.Doc.ID	
Process ID	71 (Statement Services)
State ID	1

Service Form Detail: Record updated at 22/11/2007 18:27:59 by user gdemir: [Go Top](#)

Field	Old Value	New Value
Svc End Time	01/01/1900 08:03:56	01/01/1900 08:04:56

This report is generated automatically by the [Modernus J2EE](#) framework.

When a service in a service charge form is invoiced, the system does not let further changes (that might have an affect on service price) to be saved on the service charge form. If a change is required after the invoice is generated, first the invoice has to be canceled in the system, then the changes can be applied on the form and another invoice can be generated with the applied changes.

8.4 Operations Data Input Controls

For general information about the data input controls, see the [Data Controls Explained](#) section.

Data input controls applied on operational data are explained in this section.

8.4.1 Service Charge Form Data Controls

General controls applied to [landed Service Charge Forms](#) and [ground Service Charge Forms](#):

LEVEL	DESCRIPTION MESSAGE
ERROR	SCF code is not entered.
WARNING	Responsible Employee Information is missing.

Service based data controls applied to [landed Service Charge Forms](#) and [ground Service Charge Forms](#):

LEVEL	DESCRIPTION
ERROR	No services are entered to the Service Charge Form.
ERROR	Service code is missing at the service line.
ERROR	Service start and/or end times are missing for a service that requires time input.
WARNING	Service start time is before the minimum acceptable service start time. Minimum acceptable service start time is the touchdown time for landed forms, and (service form time - 7 days) for ground forms.
WARNING	Service end time is after the maximum acceptable service end time. Maximum acceptable service end time is the takeoff time for landed forms, and (service form time + 7 days) for ground forms.
WARNING	Service duration exceeds 3 hours. (also the font color of the duration field in minutes turns to red in this situation).
ERROR	Unit information is missing.
ERROR	Quantity information is missing.
INFORMATION	Service is entered more than once in separate lines.
ERROR	Service is entered more than once and the start and end times at the separate lines of the same service overlap.
WARNING	External company information is present for the service, but either the external price, external currency, document type, or document number information is missing.

8.4.2 Ground Service Charge Form Specific Controls

General controls applied to **General Tab** of the ground service charge forms:

LEVEL	DESCRIPTION
ERROR	Ground information is not entered at the ground tab.
ERROR	Company information is missing at the ground tab.
ERROR	Airport information is missing at the ground tab.
ERROR	Domestic/international information is missing at the ground tab.
WARNING	Domestic/International information is inconsistent (when the airport, country of the company/airline and the country of the handling company are the same, the ground form is considered to be domestic).

Controls applied to **General Tab** of the ground service charge forms when Aircraft Registration information is supplied:

LEVEL	DESCRIPTION
WARNING	Aircraft Registration information is present but Airline information is missing.
WARNING	Aircraft Registration information is present but Load Type information (passenger, cargo, baggage, combi) is missing.
WARNING	Aircraft Registration information is present but registration Load Type information (passenger, cargo, baggage) is missing for that registration.
WARNING	Input Load Type information and the Aircraft Registration Load Type information are inconsistent.
ERROR	Aircraft Registration information is present but Scheduled/charter information is missing.
ERROR	Aircraft Registration information is present but Flight Type information (transportation, military, general aviation) is missing.
ERROR	Aircraft Registration information is present but Normal/technical flight information is missing.

8.5 Operations Reports

In this section, you can find the reports which can be used by the operations staff.

8.5.1 Service Form Report

The service form report (sometimes referred as the cash report) is the price report of -one and only one- service charge form. Let us now see some examples with screen captures. The first one does not include a package:

Service Form Report Report Date 23/11/2007 00:38 local
Page 1 of 1

Landed Airport IST Atatürk **Form Serial No** 2154887
Airline AYZ ATLANT-SOYUZ AIRLINES Joint-Stock Company **Form Date** 31/10/2006
Representative 36 OLİMPİK

	Flight No	Airport	Scheduled	Actual	AC Model	Registration	MTOW	Seat Cp	Cargo (kg)	PAX
Arrival	9701	VKO	Oct 31 20:00	20:14	ILW	RA-86142	215.0	350	In	348
Departure	9702	VKO	Oct 31 20:30	21:50	ILW	RA-86142	215.0	350	Out	276
									Σ	624

Comp	Pck	Svc	Description (ENG)	Description (TRK)	A/P	Qty	Unit	Value	VAT Rate	Curr
SAM		DCD	Celebi DCS Check-In Document	Çelebi DCS Check-In Evrağı	IST	1	UNIT	33.12	0	EUR
SAM		DCS	DCS Check-In	DCS Check-In	IST	1	UNIT	138.00	0	EUR
SAM		DMG	Document Match at Boarding	GeBoarding Kapısında Evrak Eşleş	IST	1	UNIT	40.00	0	EUR
SAM		GPU	Ground Power Unit	GPU	IST	1	UNIT	112.50	0	EUR
SAM		LOP	Load Control & Communication	Yük Kontrolü ve Haberleşme	IST	1	UNIT	64.50	0	EUR
SAM		P/B	Pushback	Pushback	IST	1	UNIT	160.00	0	EUR
SAM		PAX	Apron Transportation - PAX	Apron İçi Yolcu Taşıma	IST	1	UNIT	245.00	0	EUR
SAM		RMP	Ramp	Ramp	IST	1	UNIT	2,565.00	0	EUR
SAM		TPW	Toilet Powder	Tuvalet İlacı	IST	6	UNIT	3.00	0	EUR
SAM		TRF	Passenger & Baggage Service	Yolcu ve Bagaj Hizmeti	IST	1	UNIT	1,038.00	0	EUR
									4,399.12	EUR

It is possible to display this report using the following three different pricing formats:

- **According to Pricing:** This format is the most preferred format and uses the pricing rules that are defined by the agreements department in the pricing agreements.
- **Royalty Excluded:** Royalties will be shown separately in detail lines.
- **Royalty Included:** Royalties will not be shown in detail lines. The above screen capture is according to pricing (and the pricing rules are defined as royalty included).

Let's now see the same report this time using royalty excluded format:

One SCF Report

Filter Preview Print Export Excel Royalty Excluded Royalty Included According to Pricing

Service Form Report Report Date 23/11/2007 00:39 local
Page 1 of 1

SAMPLE COMPANY

Landed Airport IST Atatürk **Form Serial No** 2154887
Airline AYZ ATLANT-SOYUZ AIRLINES Joint-Stock Company **Form Date** 31/10/2006
Representative 36 OLİMPİK

	Flight No	Airport	Scheduled	Actual	AC Model	Registration	MTOW	Seat Cp	Cargo (kg)	PAX
Arrival	9701	VKO	Oct 31 20:00	20:14	ILW	RA-86142	215.0	350	In	348
Departure	9702	VKO	Oct 31 20:30	21:50	ILW	RA-86142	215.0	350	Out	276
									Σ	624

Comp	Pck	Svc	Description (ENG)	Description (TRK)	A/P	Qty	Unit	Value	VAT Rate	Curr
DHMI		LOCR	Load Control Royalty	Yük kontrolü ve haberleşme hizr	IST	1	UNIT	7.00	0	EUR
DHMI		RMPR	Ramp Royalty	Uçak altı hizmeti verebilme hakkı	IST	1	UNIT	165.00	0	EUR
DHMI		TRFR	Traffic Royalty	Trafik hizmeti verebilme hakkı	IST	1	UNIT	80.00	0	EUR
SAM		DCD	Celebi DCS Check-In Documents	Çelebi DCS Check-In Evrağı	IST	1	UNIT	33.12	0	EUR
SAM		DCS	DCS Check-In	DCS Check-In	IST	1	UNIT	138.00	0	EUR
SAM		DMG	Document Match at Boarding	GeBoarding Kapısında Evrak Eşleş	IST	1	UNIT	40.00	0	EUR
SAM		GPU	Ground Power Unit	GPU	IST	1	UNIT	112.50	0	EUR
SAM		LOP	Load Control & Communication	Yük Kontrolü ve Haberleşme	IST	1	UNIT	57.50	0	EUR
SAM		P/B	Pushback	Pushback	IST	1	UNIT	160.00	0	EUR
SAM		PAX	Apron Transportation - PAX	Apron İçi Yolcu Taşıma	IST	1	UNIT	245.00	0	EUR
SAM		RMP	Ramp	Ramp	IST	1	UNIT	2,400.00	0	EUR
SAM		TPW	Toilet Powder	Tuvalet İlacı	IST	6	UNIT	3.00	0	EUR
SAM		TRF	Passenger & Baggage Service	Yolcu ve Bagaj Hizmeti	IST	1	UNIT	958.00	0	EUR
								4,399.12		EUR

As you can see, the summary is the same but this time the royalties are shown in separate lines. In the cross service references, it was previously defined what service causes what royalty. According to these definitions, we see that the handling company (SAM the sample handling company in this example) services of LOP, RMP and TRF causes the airport authority (DHMI in this example) royalties of LOCR, RMPR and TRFR accordingly.

Let us now see an example that includes package prices:

One SCF Report

Filter Preview Print Export Excel Royalty Excluded Royalty Included According to Pricing

Service Form Report Report Date 23/11/2007 00:41 local
Page 1 of 1

SAMPLE COMPANY

Landed Airport IST Atatürk **Form Serial No** 2156292
Airline BWG BLUE WINGS AG **Form Date** 01/11/2006
Representative 13 GOZEN

	Flight No	Airport	Scheduled	Actual	AC Model	Registration	MTOW	Seat Cp	Cargo (kg)	PAX
Arrival	232	STR	Nov 01 11:30	11:24	320	TC-FBE	77.0	180	In	119
Departure	233	CGN	Nov 01 12:30	12:30	320	TC-FBE	77.0	180	Out	163
									Σ	282

Comp	Pck	Svc	Description (ENG)	Description (TRK)	A/P	Qty	Unit	Value	VAT Rate	Curr
SAM		DCD	Celebi DCS Check-In Document	Çelebi DCS Check-In Evrağı	IST	1	UNIT	19.56	0	EUR
SAM		DCS	DCS Check-In	DCS Check-In	IST	1	UNIT	81.50	0	EUR
SAM		DMG	Document Match at Boarding	GeBoarding Kapısında Evrak Eşleşti	IST	1	UNIT	15.00	0	EUR
SAM		HDS	Headset	Headset	IST	1	UNIT	0.00	0	EUR
SAM		P/B	Pushback	Pushback	IST	1	UNIT	0.00	0	EUR
SAM		W/C	Wheel Chair	Tekerlekli Sandalye	IST	2	UNIT	20.00	0	EUR
SAM	PBWG		PACKAGE BWG	PAKET BWG	IST	1	UNIT	950.00	0	EUR
SAM	PBWG	LOP	Load Control & Communication	Yük Kontrolü ve Haberleşme	IST	1	UNIT		0	EUR
SAM	PBWG	RMP	Ramp	Ramp	IST	1	UNIT		0	EUR
SAM	PBWG	TRF	Passenger & Baggage Service	Yolcu ve Bagaj Hizmeti	IST	1	UNIT		0	EUR
									1,086.06	EUR

In all of the three formats, the currencies are reported according to what invoice currency is defined in the main agreements. In Celebris it is possible to use any currency.

8.5.2 Service Form Control Report

Service form control report is one of the most commonly used comprehensive reports in Celebris. It shows all-in-one information for a landing (or the ground), the service charge form and the given services, their quantities, etc. in a pivot table. This report is grouped by service form id and the service code. Here is the filter used to retrieve this report:

SCF Control Report Filter

Airport IST - Atatürk

Form Dates 01/11/2006 00:00 - 02/11/2006 00:00
 Local UTC

Airline
 All But Selected Airline

Company

Repr

SCF No

Order By
 SCF Code
 SCF Date

Form Type
 Landed Normal
 Landed Extra
 Ground

Report Type
 Service Form Control Report
 Detailed Service Report

Enable service selection

Services

- SAM AAC American Embassy Courier
- SAM ACU Air Condition Unit
- SAM APB Passenger Bus Rental
- SAM ASR Airport Slot Change Revise
- SAM ASU Air Starter Unit
- SAM ATM ATM- Dalaman Intl. Terminal Operator Charge
- SAM AVR Apron Vehicle Rental
- SAM BAP Baggage Palletizing
- SAM BAY Antalya Bayındır Terminal Operator
- SAM BCC Baggage/Cargo Cart
- SAM BGG Baggage Handling
- SAM BHML Busines Meal
- SAM BIB Baggage Identification
- SAM BLS Ballast
- SAM BNG Bingo Card
- SAM BRT Barkod Reading Service
- SAM BTP Bag Tag Produce
- SAM CAG Additional Cargo Agent

Report

Airport, form dates, airline (with the option to use all but the selected airline), company, representative, a single service charge form number, service form types (landed normal, landed extra and/or ground) makes a huge filter. It is also in the hands of the user to prepare this report for the selected services only.

There are two different outcome types for this report. In both formats the service pivot tables are the same. But, detailed service report differs from the service form control report by also including the seat capacity and mtow groups. We will attach sample screenshots for both of them. Here is a sample screenshot for the service form control report (We will divide the screenshots into three different images because of the reports dimensions):

Screenshot 1: The first fields for the Service form control report:

Service Form Report

Filter Preview Print Export Excel HTML-Excel

A/P	SCF Code	Stmt Date	Cmp Code	Company Name	Rep	STA	Blocks On	STD	Blocks Off	Arr Flight	Dep Flight	Arr Model	Dep Model	Arr Reg	Dep Reg	T A D F	Arr D/I
IST	2155714	01Nov 00:00	OHY	ONUR AIR Tasimacilik A.S.		23:55	00:00			2258		320		TC-OAC			Intl
	2155708	01Nov 00:26	UAE	Emirates Cargo		23:10	23:35	00:25	00:26	4871	4872	313	313	A6-EFB	A6-EFB		Intl
	2155715	01Nov 00:50	KKK	ATLASJET HAVACILIK A.S.		00:05	00:50			172		320		TC-OGO			Intl
	2155718	01Nov 01:30	OHY	ONUR AIR Tasimacilik A.S.		01:15	01:30			372		320		TC-OAD			Intl
	2155721	01Nov 01:45	OHY	ONUR AIR Tasimacilik A.S.		02:20	01:45			7436F		321		TC-OAI		F	Intl
	2155719	01Nov 03:01	CLX	CARGOLUX Airlines International S.A.		01:30	01:24	03:00	03:01	792	792	74Y	74Y	LX-GCV	LX-GCV	F	Intl
	2155722	01Nov 03:35	RUN	ACT HAVAYOLLARI A.S.				03:15	03:35	264		ABX		TC-ACU	T		Intl
	2156311	01Nov 04:32	SVAC	SAUDI ARABIAN AIRLINES (CHARTER)		22:30	03:34	23:30	04:32	2211	9311	741	741	HZ-AIC	HZ-AIC	F	Intl
	2155717	01Nov 05:29	KLM	KLM		01:15	01:12	05:25	05:29	1617	1610	738	738	PH-HZM	PH-HZM		Intl
	2156312	01Nov 06:06	DLH	LUFTHANSA		01:50	01:52	06:00	06:06	3344	3345	AB6	AB6	D-AIAL	D-AIAL		Intl
	2155716	01Nov 06:15	AZA	ALITALIA Linee Aeree Italiane SpA		00:55	01:47	06:05	06:15	708	707	321	321	I-BIXT	I-BIXT		Intl
	2155724	01Nov 06:40	OHY	ONUR AIR Tasimacilik A.S.				06:45	06:40	010		M88		TC-ONO			
	2155723	01Nov 06:45	OHY	ONUR AIR Tasimacilik A.S.				06:45	06:45	032		M88		TC-ONM			
	2155725	01Nov 06:45	OHY	ONUR AIR Tasimacilik A.S.				06:45	06:45	082		320		TC-OAC			
	2155726	01Nov 07:00	KKK	ATLASJET HAVACILIK A.S.				07:00	07:00	050		320		TC-OGP			
	2155727	01Nov 07:00	KKK	ATLASJET HAVACILIK A.S.				07:00	07:00	010		319		TC-OGU			
	2156310	01Nov 07:00	BWG	BLUE WINGS AG	13			07:00	07:00	231		320		TC-FBE			
	2155728	01Nov 07:10	KKK	ATLASJET HAVACILIK A.S.				07:10	07:10	032		CR9		TC-ETC			
	2155729	01Nov 07:10	OHY	ONUR AIR Tasimacilik A.S.				07:15	07:10	064		M88		TC-ONP			
	2155704	01Nov 07:25	CSA	CSA Czech Airlines		22:45	23:02	07:25	07:25	434	435	735	735	OK-XGE	OK-XGE		Intl
	2155730	01Nov 07:30	OHY	ONUR AIR Tasimacilik A.S.				07:35	07:30	050		M83		TC-OAT			
	2155732	01Nov 07:55	KKK	ATLASJET HAVACILIK A.S.				08:00	07:55	022		CR9		TC-ETD			
	2155731	01Nov 08:00	OHY	ONUR AIR Tasimacilik A.S.				08:00	08:00	113		320		TC-OAD			
	2155733	01Nov 08:00	OHY	ONUR AIR Tasimacilik A.S.				08:00	08:00	293		M88		TC-ONR			
	2155745	01Nov 08:00	KKK	ATLASJET HAVACILIK A.S.		08:10	08:00			011		319		TC-OGU			Dom
	2155736	01Nov 08:10	KKK	ATLASJET HAVACILIK A.S.		08:15	08:10			1011		319		TC-OGV			Intl
	2155737	01Nov 08:15	OHY	ONUR AIR Tasimacilik A.S.				08:15	08:15	022		M83		TC-OA5			
	2156313	01Nov 08:17	DLH	LUFTHANSA		22:45	23:00	08:20	08:17	3352	3353	320	320	D-AIPS	D-AIPS		Intl

Screenshot 2: The non-pivot fields continued for the service form control report:

Service Form Report

Filter Preview Print Export Excel HTML-Excel

Arr D/I	Dep D/I	Arr S/Ch	Dep S/Ch	Arr Load	Dep Load	Arr mtow	Dep mtow	Arr Seat	Dep Seat	Prev	From	To	Next	Park Pos	Gate	Cntr	Cargo In	Cargo Out	Pax In	Pax Out	Scf Out Type	Scf Status	ASR (UNIT)
Intl	Intl	S	S	Crg	Crg	164.0	164.0	180	180		DXB	DXB		A4-110			33	1,540	160	115	NR	In Progress	
Intl		Ch		Psg		77.0		174			FRA			A1-8			0	0	124	0	NR	In Progress	
Intl		Ch		Psg		77.0	77.0	180	180		AMS			A3-204			0	0	95	178	NR	In Progress	
Intl		Ch		Psg		89.0		219			EMA			A5-114			0	0	0	0	NR	In Progress	
Intl	Intl	S	S	Crg	Crg	396.9	396.9	0	0		LUX	HKG		A5-115			57,728	0	0	0	NR	In Progress	1
	Intl		Ch		Crg	165.0	165.0	0	0			KDH		A2-21			0	0	0	0	NR	In Progress	
Intl	Intl	Ch	Ch	Psg	Psg	340.2	340.2	424	424		JED	JED		A3-219			0	0	365	0	NR	In Progress	
Intl	Intl	S	S	Psg	Psg	73.7	73.7	174	174		AMS	AMS		A3-206			124	1,966	126	113	NR	In Progress	
Intl	Intl	S	S	Psg	Psg	150.0	150.0	271	271		FRA	FRA		A3-212			10,836	4,120	167	217	NR	In Progress	
Intl	Intl	S	S	Psg	Psg	83.0	83.0	187	187		MXP	MXP		A3-217			194	2,960	117	77	NR	In Progress	1
Dom		S		Psg		73.0	73.0	165	165			ADA		A11-132	G402		0	1,100	165	72	NR	In Progress	
Dom		S		Psg		73.0	73.0	165	165			DIY		A4-105	G105		0	1,280	165	160	NR	In Progress	
Dom		S		Psg		77.0	77.0	180	180			TZX		A4-106	G106		33	1,540	160	115	NR	In Progress	
Dom		S		Psg		77.0	77.0	174	174			TZX		A12-138	G407		0	0	174	87	NR	In Progress	
Dom		S		Psg		70.0	70.0	144	144			AYT		A12-139	G401		0	0	144	141	NR	In Progress	
Intl		Ch		Psg			77.0		180			STR		A11-135			0	0	0	157	NR	In Progress	
Dom		S		Psg		37.5	37.5	90	90			ADA		A8-122	G402		0	0	90	90	NR	In Progress	
Dom		S		Psg		72.6	72.6	165	165			ASR		A11-133	G108		0	480	111	93	NR	In Progress	
Intl	Intl	S	S	Psg	Psg	53.0	53.0	108	108		PRG	PRG		A3-202			303	1,556	76	37	NR	In Progress	
Dom		S		Psg		73.0	73.0	165	165			ADB		A5-112	G402		0	0	164	117	NR	In Progress	
Dom		S		Psg		37.5	37.5	90	90			ADB		A8-116	G407		0	0	90	88	NR	In Progress	
Intl		Ch		Psg		77.0	77.0	180	180			ZRH		A3-204			0	0	95	178	NR	In Progress	
Intl		Ch		Psg		73.0	73.0	165	165			MAD		A1-13			0	0	149	107	NR	In Progress	
Dom		S		Psg		70.0	70.0	144	144			AYT		A5-112			0	0	126	115	NR	In Progress	
Intl		Ch		Psg		70.0	70.0	144	144			ECN		A3-213			0	0	102	136	NR	In Progress	
Dom		S		Psg			73.0		165			AYT		A11-134	G402		0	0	0	133	NR	In Progress	
Intl	Intl	S	S	Psg	Psg	73.5	73.5	142	142		MUC	MUC		A3-221			328	0	120	104	NR	Approved	

Screenshot 3: The services and their quantities pivot table (a selected part):

The screenshot shows a window titled "Service Form Report" with a menu bar containing "Filter", "Preview", "Print", "Export", "Excel", and "HTML-Excel". Below the menu bar is a pivot table with the following columns: DCS (UNIT), DHM (UNIT), DIS (UNIT), DMG (UNIT), FL (Min), FLW (UNIT), FOL (LT), GPU (Min), HCC (UNIT), HDS (UNIT), LOP (UNIT), MNS (Min), P/B (UNIT), PAX (UNIT), PLTA (UNIT), PLTD (UNIT), PSM (Min), RMP (UNIT), STM (UNIT), TAV (UNIT), TDD (UNIT), and TDI (UNIT). The table contains numerical data representing quantities for each service unit across multiple rows.

Screenshot 4: The detailed services control report 1st part (a different format that includes the seat capacity and mtow groups, but the services pivot table is the same) :

Service Form Report

Filter Preview Print Export Excel HTML-Excel

Airport	SCF Code	Form Date	Form Type	Status	Surch	Legacy Code	Cmp Code	Company Name	Repr Code	Arr Fno	Dep Fno	Prev From	To	2nd Leg	Blks On Date	Time
IST	2155714	01-Nov 00:00	L	In Progress	✓	Türk	OHY	ONUR AIR Tasimacilik A.S.		2258		CDG			01-Nov	00:00
	2155708	01-Nov 00:26	L	In Progress	✓	Kargo	UAEK	Emirates Cargo		4871	4872	DXB	DXB		31-Oct	23:35
	2155715	01-Nov 00:50	L	In Progress	✓	Türk	KKK	ATLASJET HAVACILIK A.S.		172		FRA			01-Nov	00:50
	2155718	01-Nov 01:30	L	In Progress	✓	Türk	OHY	ONUR AIR Tasimacilik A.S.		372		AMS			01-Nov	01:30
	2155721	01-Nov 01:45	L	In Progress	✓	Türk	OHY	ONUR AIR Tasimacilik A.S.		7436F		EMA			01-Nov	01:45
	2155719	01-Nov 03:01	L	In Progress	✓	Kargo	CLX	CARGOLUX Airlines International		792	792	LUX	HKG		01-Nov	01:24
	2155722	01-Nov 03:35	L	In Progress	✓	Kargo	RUN	ACT HAVAYOLLARI A.S.			264		KDH			
	2156311	01-Nov 04:32	L	In Progress	✓	Charter	SWAC	SAUDI ARABIAN AIRLINES (CHAI		2211	9311	JED	JED		01-Nov	03:34
	2155717	01-Nov 05:29	L	In Progress	✓	Tarifeli	KLM	KLM		1617	1610	AMS	AMS		01-Nov	01:12
	2156312	01-Nov 06:06	L	In Progress	✓	Tarifeli	DLH	LUFTHANSA		3344	3345	FRA	FRA		01-Nov	01:52
	2155716	01-Nov 06:15	L	In Progress	✓	Tarifeli	AZA	ALITALIA Linee Aeree Italiane Sp		708	707	MXP	MXP		01-Nov	01:47
	2155724	01-Nov 06:40	L	In Progress		Türk	OHY	ONUR AIR Tasimacilik A.S.			010		ADA			
	2155723	01-Nov 06:45	L	In Progress		Türk	OHY	ONUR AIR Tasimacilik A.S.			032		DIY			
	2155725	01-Nov 06:45	L	In Progress		Türk	OHY	ONUR AIR Tasimacilik A.S.			082		TZX			
	2155726	01-Nov 07:00	L	In Progress		Türk	KKK	ATLASJET HAVACILIK A.S.			050		TZX			
	2155727	01-Nov 07:00	L	In Progress		Türk	KKK	ATLASJET HAVACILIK A.S.			010		AYT			
	2156310	01-Nov 07:00	L	In Progress		Charter	BWG	BLUE WINGS AG	13		231		STR			
	2155728	01-Nov 07:10	L	In Progress		Türk	KKK	ATLASJET HAVACILIK A.S.			032		ADA			
	2155729	01-Nov 07:10	L	In Progress		Türk	OHY	ONUR AIR Tasimacilik A.S.			064		ASR			
	2155704	01-Nov 07:25	L	In Progress	✓	Tarifeli	CSA	CSA Czech Airlines		434	435	PRG	PRG		31-Oct	23:02
	2155730	01-Nov 07:30	L	In Progress		Türk	OHY	ONUR AIR Tasimacilik A.S.			050		ADB			
	2155732	01-Nov 07:55	L	In Progress		Türk	KKK	ATLASJET HAVACILIK A.S.			022		ADB			
	2155731	01-Nov 08:00	L	In Progress		Türk	OHY	ONUR AIR Tasimacilik A.S.			113		ZRH			
	2155733	01-Nov 08:00	L	In Progress		Türk	OHY	ONUR AIR Tasimacilik A.S.			293		MAD			
	2155745	01-Nov 08:00	L	In Progress		Türk	KKK	ATLASJET HAVACILIK A.S.		011		AYT			01-Nov	08:00
	2155736	01-Nov 08:10	L	In Progress		Türk	KKK	ATLASJET HAVACILIK A.S.		1011		ECN			01-Nov	08:10
	2155737	01-Nov 08:15	L	In Progress		Türk	OHY	ONUR AIR Tasimacilik A.S.			022		AYT			
	2156313	01-Nov 08:17	L	Approved	✓	Tarifeli	DLH	LUFTHANSA		3352	3353	MUC	MUC		31-Oct	23:00

Screenshot 5: The detailed services control report 2nd part (cont) :

Service Form Report

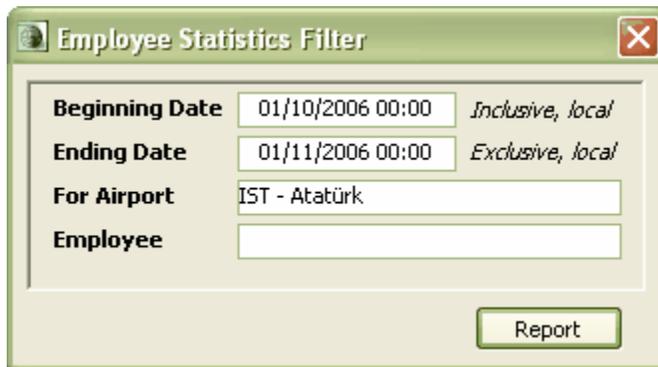
Filter Preview Print Export Excel HTML-Excel

Time Blks Off	Time	Model	Reg.	Mtow	Mtow Group	SeatCap	SeatCap Group	Tec Fry	Dom Int	Flight Type	Load Type	Cargo in	Cargo out	Cargo ton	Cargo total	Pax in	Pax out	Park pos	Gate	Counter
00:00		320	TC-OAC	77	75-100	180	151-190			Int Charter	Pax	33	1540	2	1573	160	115	110		
23:35	01-Nov	00:26	313	A6-EFB	164	140-190	0	0-20		Int Sched	Cargo	32325	5339	38	37664	0	0	114		
00:50			320	TC-OGO	77	75-100	174	151-190		Int Charter	Pax	0	0	0	0	124	0	8		
01:30			320	TC-OAD	77	75-100	180	151-190		Int Charter	Pax	0	0	0	0	95	178	204		
01:45			321	TC-OAI	89	75-100	219	190-250	Fry	Int Charter	Pax	0	0	0	0	0	0	114		
01:24	01-Nov	03:01	74Y	LX-GCV	396.9	>320	0	0-20	Fry	Int Sched	Cargo	57728	0	58	57728	0	0	115		
	01-Nov	03:35	ABX	TC-ACU	165	140-190	0	0-20	Tec	Int Charter	Cargo	0	0	0	0	0	0	21		
03:34	01-Nov	04:32	741	HZ-AIC	340.2	>320	424	351-430	Fry	Int Charter	Pax	0	0	0	0	365	0	219		
01:12	01-Nov	05:29	738	PH-HZM	73.7	50-75	174	151-190		Int Sched	Pax	124	1966	3	2090	126	113	206		
01:52	01-Nov	06:06	AB6	D-AIAL	150	140-190	271	251-350		Int Sched	Pax	10836	4120	15	14956	167	217	212		
01:47	01-Nov	06:15	321	I-BDXT	83	75-100	187	151-190		Int Sched	Pax	194	2960	4	3154	117	77	217		
	01-Nov	06:40	M88	TC-ONO	73	50-75	165	151-190	Dom	Sched	Pax	0	1100	2	1100	165	72	132	G402	
	01-Nov	06:45	M88	TC-ONM	73	50-75	165	151-190	Dom	Sched	Pax	0	1280	2	1280	165	160	105	G105	
	01-Nov	06:45	320	TC-OAC	77	75-100	180	151-190	Dom	Sched	Pax	33	1540	2	1573	160	115	106	G106	
	01-Nov	07:00	320	TC-OGP	77	75-100	174	151-190	Dom	Sched	Pax	0	0	0	0	174	87	138	G407	
	01-Nov	07:00	319	TC-OGU	70	50-75	144	126-150	Dom	Sched	Pax	0	0	0	0	144	141	139	G401	
	01-Nov	07:00	320	TC-FBE	77	75-100	180	151-190	Int	Charter	Pax	0	0	0	0	0	157	135		
	01-Nov	07:10	CR9	TC-ETC	37.5	25-50	90	51-100	Dom	Sched	Pax	0	0	0	0	90	90	122	G402	
	01-Nov	07:10	M88	TC-ONP	72.6	50-75	165	151-190	Dom	Sched	Pax	0	480	1	480	111	93	133	G108	
23:02	01-Nov	07:25	735	OK-XGE	53	50-75	108	101-125		Int Sched	Pax	303	1556	2	1859	76	37	202		
	01-Nov	07:30	M83	TC-OAT	73	50-75	165	151-190	Dom	Sched	Pax	0	0	0	0	164	117	112	G402	
	01-Nov	07:55	CR9	TC-ETD	37.5	25-50	90	51-100	Dom	Sched	Pax	0	0	0	0	90	88	116	G407	
	01-Nov	08:00	320	TC-OAD	77	75-100	180	151-190	Int	Charter	Pax	0	0	0	0	95	178	204		
	01-Nov	08:00	M88	TC-ONR	73	50-75	165	151-190	Int	Charter	Pax	0	0	0	0	149	107	13		
08:00			319	TC-OGU	70	50-75	144	126-150	Dom	Sched	Pax	0	0	0	0	126	115	112		
08:10			319	TC-OGV	70	50-75	144	126-150	Int	Charter	Pax	0	0	0	0	102	136	213		
	01-Nov	08:15	M83	TC-OA5	73	50-75	165	151-190	Dom	Sched	Pax	0	0	0	0	133	134	G402		
23:00	01-Nov	08:17	320	D-AIPS	73.5	50-75	142	126-150		Int Sched	Pax	328	0	1	328	120	104	221		

The rest (the services pivot) is the same. Please have a look at screenshot 3.

8.5.3 Employee Statistics Report

The employee statistics report shows the service form counts the employees have been responsible. The filter for the employee statistics report:



The screenshot shows a dialog box titled "Employee Statistics Filter". It contains four input fields and a "Report" button. The fields are: "Beginning Date" with the value "01/10/2006 00:00" and the text "Inclusive, local" to its right; "Ending Date" with the value "01/11/2006 00:00" and the text "Exclusive, local" to its right; "For Airport" with the value "IST - Atatürk"; and "Employee" which is currently empty. The "Report" button is located at the bottom right of the dialog box.

And here is a sample output from the report:

A/P	Name	Surname	Landed Form	Land.Ext. Form	Ground Form	Total
IST	burcu	sein	99	0	0	99
IST	murteza	seremet	27	0	0	27
IST	pinar	temur	41	0	0	41
IST	serkan	topaloglu	3	0	0	3
IST	erhan	unal	74	0	0	74
IST	yuksel	uzman	87	0	0	87
IST	dilmen	volga	0	40	8	48
IST	hasan	yilmaz	8	0	0	8
IST	xxx	yyy	37	0	0	37
IST	Onur	ÇAKIR	3	0	0	3
IST	Gülperi	ÇARKACI	1	0	0	1
IST	Sedef	Çakıroğlu	1	0	0	1
IST	Şebnem	Çarkçı	59	0	0	59
IST	Tuğrul	Çitak	20	0	0	20
IST	Serhan	Özdemir	66	0	0	66
IST	Ismail	Özgen	94	0	0	94
IST	Özgül	Özgüner	45	0	0	45
IST	senem	çuhacı	1	0	0	1
IST	mehmet	şekerci	13	0	0	13
IST			4	14	4	22
			4125	132	439	4696

This report can be used in performance evaluation for an operations employee.

8.5.4 Service Form Counts Report

This report is used to show the total number of used service charge forms per operational airport for the selected date range. The filter for this report is:

Service Form Counts Filter

Begin Date: 01/10/2006 *Inclusive*

End Date: 01/11/2006 *Exclusive*

Local timezone

Report

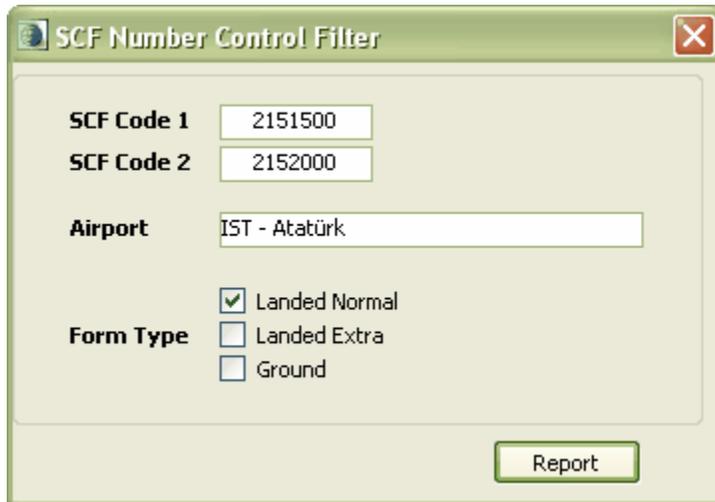
And here is a sample output for this report:

<u>Airport</u>	<u>Landed Normal</u>	<u>Landed Extra</u>	<u>Ground</u>
ADA	1,154	10	14
ADB	2,486	1	94
ASR	407	0	13
AYT	4,197	37	288
BJV	703	3	34
DIY	543	44	9
DLM	821	17	69
ERZ	282	2	1
ESB	2,742	0	68
GZT	454	13	1
IST	4,125	132	439
KSY	48	0	0
MLX	102	0	0
MQM	46	0	0
SZF	342	0	10
TEQ	125	0	1
TZX	746	0	7
VAN	300	0	0
Summary:	19,623	259	1,048

8.5.5 Form Number Control Report

In Celebris, the service charge form numbers are assigned manually by the operations department. With the help of this report, the operations department can see if they miss a number in a range for the service forms. Also reported in this report are the used service forms, their types and the responsible employee assigned.

Here is the filter for this report:



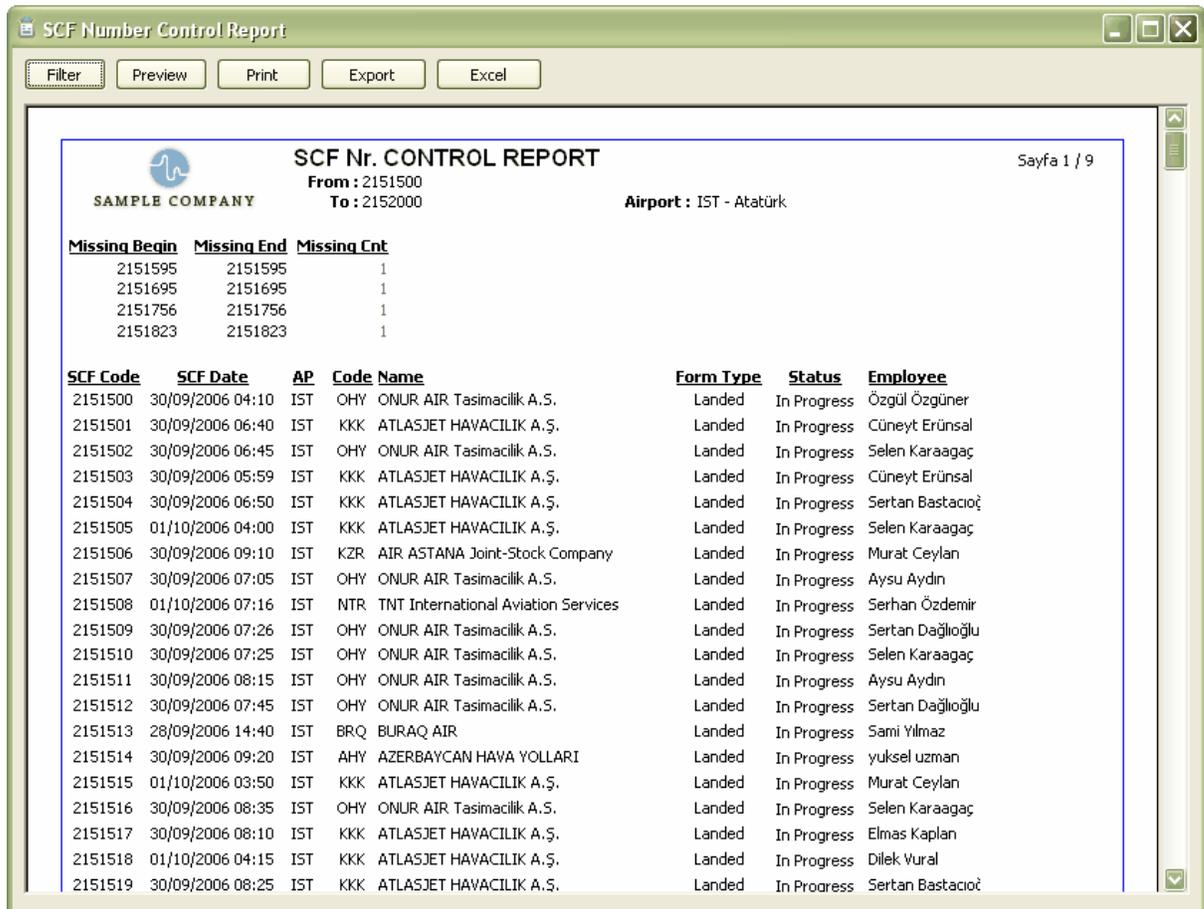
SCF Number Control Filter

SCF Code 1: 2151500
 SCF Code 2: 2152000
 Airport: IST - Atatürk

Form Type: Landed Normal
 Landed Extra
 Ground

Report

We request to control SCF numbers in the specified range for the IST airport for only the landed normal forms. Here is a sample outcome for this report:



SCF Nr. CONTROL REPORT Sayfa 1 / 9

From : 2151500
 To : 2152000
 Airport : IST - Atatürk

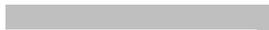
SAMPLE COMPANY

Missing Begin	Missing End	Missing Cnt
2151595	2151595	1
2151695	2151695	1
2151756	2151756	1
2151823	2151823	1

SCF Code	SCF Date	AP	Code Name	Form Type	Status	Employee
2151500	30/09/2006 04:10	IST	OHY ONUR AIR Tasimacilik A.S.	Landed	In Progress	Özgül Özgüner
2151501	30/09/2006 06:40	IST	KKK ATLASJET HAVACILIK A.Ş.	Landed	In Progress	Cüneyt Erünsal
2151502	30/09/2006 06:45	IST	OHY ONUR AIR Tasimacilik A.S.	Landed	In Progress	Selen Karaagaç
2151503	30/09/2006 05:59	IST	KKK ATLASJET HAVACILIK A.Ş.	Landed	In Progress	Cüneyt Erünsal
2151504	30/09/2006 06:50	IST	KKK ATLASJET HAVACILIK A.Ş.	Landed	In Progress	Sertan Bastacıođ
2151505	01/10/2006 04:00	IST	KKK ATLASJET HAVACILIK A.Ş.	Landed	In Progress	Selen Karaagaç
2151506	30/09/2006 09:10	IST	KZR AIR ASTANA Joint-Stock Company	Landed	In Progress	Murat Ceylan
2151507	30/09/2006 07:05	IST	OHY ONUR AIR Tasimacilik A.S.	Landed	In Progress	Aysu Aydın
2151508	01/10/2006 07:16	IST	NTR TNT International Aviation Services	Landed	In Progress	Serhan Özdemir
2151509	30/09/2006 07:26	IST	OHY ONUR AIR Tasimacilik A.S.	Landed	In Progress	Sertan Dađlođlu
2151510	30/09/2006 07:25	IST	OHY ONUR AIR Tasimacilik A.S.	Landed	In Progress	Selen Karaagaç
2151511	30/09/2006 08:15	IST	OHY ONUR AIR Tasimacilik A.S.	Landed	In Progress	Aysu Aydın
2151512	30/09/2006 07:45	IST	OHY ONUR AIR Tasimacilik A.S.	Landed	In Progress	Sertan Dađlođlu
2151513	28/09/2006 14:40	IST	BRQ BURAQ AIR	Landed	In Progress	Sami Yılmaz
2151514	30/09/2006 09:20	IST	AHY AZERBAYCAN HAVA YOLLARI	Landed	In Progress	yüksel uzman
2151515	01/10/2006 03:50	IST	KKK ATLASJET HAVACILIK A.Ş.	Landed	In Progress	Murat Ceylan
2151516	30/09/2006 08:35	IST	OHY ONUR AIR Tasimacilik A.S.	Landed	In Progress	Selen Karaagaç
2151517	30/09/2006 08:10	IST	KKK ATLASJET HAVACILIK A.Ş.	Landed	In Progress	Elmas Kaplan
2151518	01/10/2006 04:15	IST	KKK ATLASJET HAVACILIK A.Ş.	Landed	In Progress	Dilek Vural
2151519	30/09/2006 08:25	IST	KKK ATLASJET HAVACILIK A.Ş.	Landed	In Progress	Sertan Bastacıođ

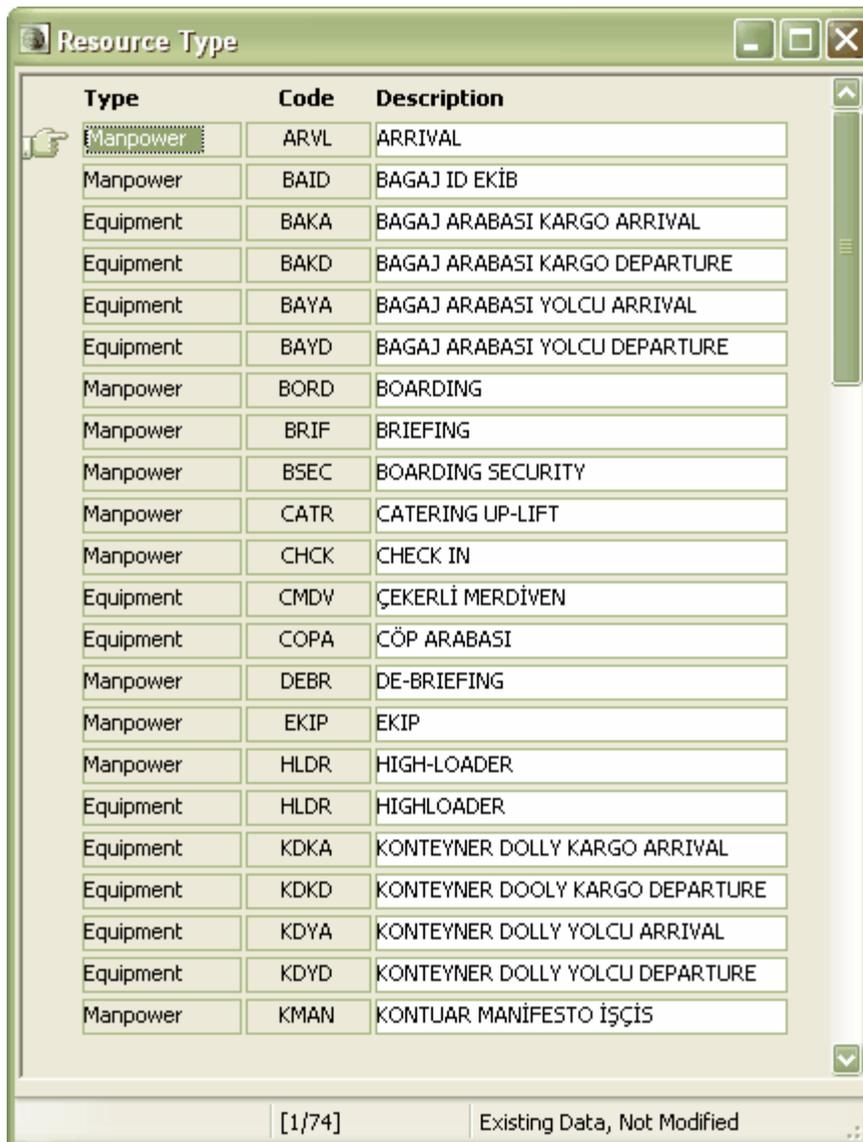
First of all, the missing scf numbers are reported. And then the used form details follow.

Part



9 Resource Planning

9.1 Resource Type



Type	Code	Description
Manpower	ARVL	ARRIVAL
Manpower	BAID	BAGAJ ID EKİB
Equipment	BAKA	BAGAJ ARABASI KARGO ARRIVAL
Equipment	BAKD	BAGAJ ARABASI KARGO DEPARTURE
Equipment	BAYA	BAGAJ ARABASI YOLCU ARRIVAL
Equipment	BAYD	BAGAJ ARABASI YOLCU DEPARTURE
Manpower	BORD	BOARDING
Manpower	BRIF	BRIEFING
Manpower	BSEC	BOARDING SECURITY
Manpower	CATR	CATERING UP-LIFT
Manpower	CHCK	CHECK IN
Equipment	CMDV	ÇEKERLİ MERDİVEN
Equipment	COPA	CÖP ARABASI
Manpower	DEBR	DE-BRIEFING
Manpower	EKIP	EKIP
Manpower	HLDR	HIGH-LOADER
Equipment	HLDR	HIGHLOADER
Equipment	KDKA	KONTEYNER DOLLY KARGO ARRIVAL
Equipment	KDKD	KONTEYNER DOLLY KARGO DEPARTURE
Equipment	KDYA	KONTEYNER DOLLY YOLCU ARRIVAL
Equipment	KDYD	KONTEYNER DOLLY YOLCU DEPARTURE
Manpower	KMAN	KONTUAR MANİFESTO İŞÇİS

[1/74] Existing Data, Not Modified

The first step in resource planning is defining the resources. A resource can be either an equipment or manpower. Each resource has a user-defined resource code together with the description.

9.2 Required Resource

The screenshot shows the 'Required Resource' application window. It features a table with columns for Airport, Airline, AC Model, Transit?, Dom/Intl?, Type, Code, Arr, Dep, When Amount (+/- mins), and How Long (mins). The table contains 14 rows of data. To the right of the table are three sections: 'Load Type' with radio buttons for Passenger A/C, Cargo A/C, Combi A/C, and Baggage A/C, and a checkbox for Ferry Flight; 'Flight Type' with checkboxes for Transportation, Military, and General Aviation; and 'Schedule Type' with radio buttons for Scheduled and Charter. The status bar at the bottom indicates '[1/254]' and 'Existing Data, Not Modified'.

Airport	Airline	AC Model	Transit?	Dom/Intl?	Type	Code	Arr	Dep	When Amount (+/- mins)	How Long (mins)
	AFR	320			Equipment	HLDR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 -5	20
IST	AFR	320			Equipment	KDKA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7 -15	30
IST	AFR	320			Equipment	KDYA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7 -15	30
IST	AFR	320			Equipment	KDYD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	
IST	AFR	320			Equipment	KONV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7 -150	145
IST	AFR	320			Equipment	KONV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1 -15	30
IST	AFR	320			Equipment	TRKT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1 -50	60
IST	AFR	320			Equipment	TRKT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 -20	30
IST	AFR	320			Manpower	ARVL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 -55	65
IST	AFR	320			Manpower	ARVL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1 -25	25
IST	AFR	320			Manpower	HLDR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	
IST	AFR	320			Manpower	HLDR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 -5	20
IST	AFR	320			Manpower	HLDR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 -45	40
IST	AFR	320			Manpower	MDVN	<input type="checkbox"/>	<input type="checkbox"/>	0	
IST	AFR	320			Manpower	MDVN	<input type="checkbox"/>	<input type="checkbox"/>	0	

The required resources are defined here. A required resource can be defined in a flexible manner such that if a field is supplied a value that value is used if not a generic definition is considered. For instance, if airport is explicitly chosen, then the required resource is for that airport only; if not, it is considered as defined for all of the operational airports.

The required resources can be defined specifying the landed airport, airline, aircraft type, transit or not transit flag, domestic/international, equipment/manpower, the resource code, flight load type (passenger, cargo, combi, baggage flight or ferry), flight type (transportation, military, general aviation), scheduled/charter and the necessary timing definitions which include whether this resource is for arrival, departure or both, resource amount, when and how long that resource will be needed.

9.3 Resource Planning Report Group

The screenshot shows a software window titled "Report Group". It is divided into two main sections:

Report Group

Airport	Description
IST - Atatürk	RAMP
IST - Atatürk	TRAFİK
IST - Atatürk	OPERATION
IST - Atatürk	EKIPMAN

Group Contents

Sequence	Resource Type	Resource Name
10	Manpower	TEMI : TEMİZLİK
20	Manpower	YUKL : YÜKLEME-BOŞALTMA
30	Manpower	ULDY : ULD YUKLEME BOŞALTMA
40	Manpower	CATR : CATERING UP-LIFT
50	Manpower	SALA : SUALTI GEL
60	Manpower	SALD : SUALTI GİD
70	Manpower	TRKT : TRAKTÖR
80	Manpower	MDVN : MERDİVEN
90	Manpower	HLDR : HIGH-LOADER

At the bottom of the window, there is a status bar showing "[1/4]" and "Existing Data, Not Modified".

A resource planning report group is one department's particular duty's required resources. Each department can define any number of resource report groups as they wish. The required resources calculation will need at least one resource group to be input.

In the example image, ramp department's required resource group is shown. They need cleaning, loading, uld loading, tractor driver etc. man powers. The list continues and includes equipment as well.

9.4 Resource Plan Report

The resource plan report is an excel based report produced using the following filter:

General Filter

Start Date (local) 01/11/2006 00:00
 End Date (local) 02/11/2006 00:00
 Airport IST - Atatürk
 Slice 12

Get Report

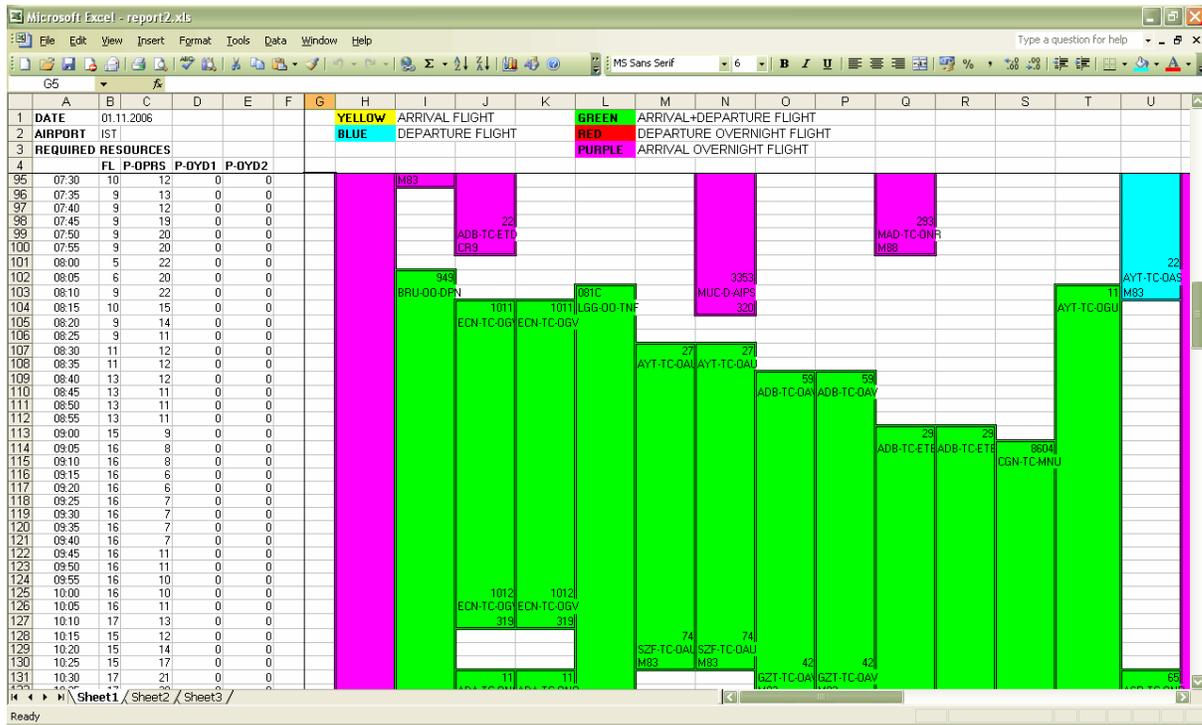
Predefined Resource Group

RAMP

Group Details

Resource Type	Resource Name
Manpower	TEMİ : TEMİZLİK
Manpower	YUKL : YÜKLEME-BOŞALTMA
Manpower	ULDY : ULD YUKLEME BOŞALTMA
Manpower	CATR : CATERING UP-LIFT
Manpower	SALA : SUALTI GEL
Manpower	SALD : SUALTI GİD
Manpower	TRKT : TRAKTÖR
Manpower	MDVN : MERDİVEN
Manpower	HLDR : HIGH-LOADER
Manpower	PBCK : PUSH-BACK
Manpower	OBA1 : OTOBÜS GELİŞ 1

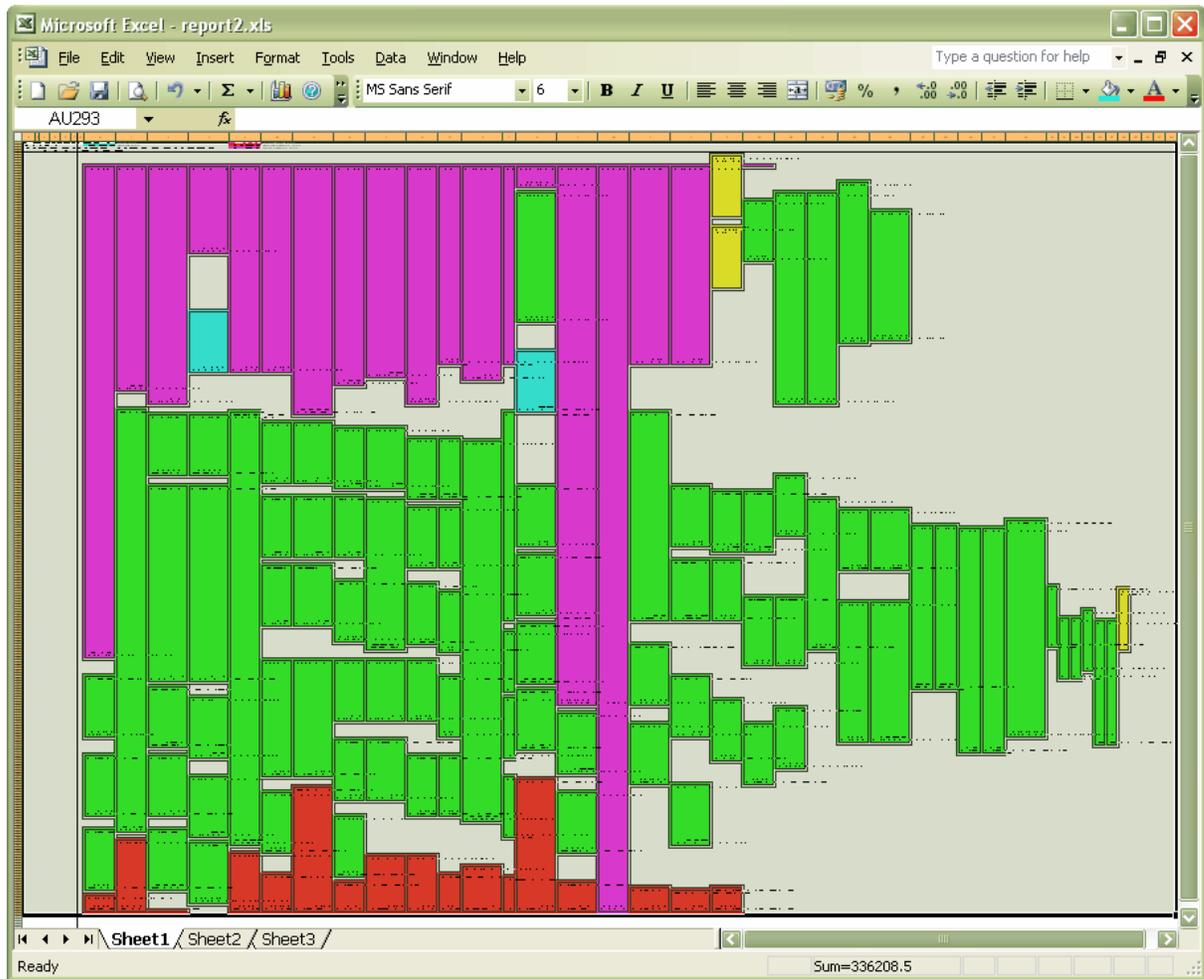
The report uses the required resource definitions along with the planned flights information. Below is a sample one-day resource plan report:



The excel report will be in a planner-report format. On the left side there are the time slices. In this case there are time slices of 5 minutes. FL column shows how many airplanes are currently in the field that need to be serviced. The rest of the fields show the required resource types as defined by the system user.

Resource report is produced for a whole day. In this report, on the planner side, the green, yellow, blue, red, and purple colors indicate the flight properties. Yellow means an arrival flight (and no departure, the aircraft will stay on that airport with no scheduled departure), blue means a departure only flight, green means an arrival+departure on the 24-hour range, red means arrival+departure but departure will be tomorrow, and purple means arrival+departure flight but that flight has an arrival on the previous day. So, red and purple are complements.

The planner-like report gives both the required resource amounts and visual feeling to the user. Have a look at the following zoomed print-out of the previous sample resource plan report:



Here you can see the planner interface showing the flights.

Celebris does not appoint resources by distinction whether they are manpower or equipment, just reports the number of resources assigned. In other words, Celebris resource planning is not a roster interface. However, Celebris has real-time support for 3rd party roster software Inform RosterControl which gives unlimited flexibility into resource assignment and shift regulations.

Part



10 Quality Module

10.1 Performance Measurement

Celebris supports a very flexible module for performance measurement of service delivery standards (AHM-804 and AHM-803).

10.1.1 Performance Measurement Questions

Code	Field (Question)	Field (Question - tr)	Input Type	Data Type
ChkInClosedAt	Check-in closeout time?	Kontuar Kapanış Zamanı	Input	Datetime
CleaningCompAt	Cleaning Completed at?	Uçak İçi Temizliğinin Bitme Zamanı	Input	Datetime
CountersReadyAt	Counters ready for check in at?	Kontuar Açılış Zamanı	Input	Datetime
DelayAnnAt	Delay Announced?	Gecikme Anonsunun Verilme Zamanı	Input	Datetime
DocMatchAt	Document Match at?	Document Match'e Bağlama Zamanı	Input	Datetime
FirstBaggArrAt	First Baggage in the Arrival Hall by?	İlk Bagajın Geliş Salonunda Banta Düşme Zamanı	Input	Datetime
GSEOnStandAt	GSE (stairs, conveyor, highloader, bagg tractor-carts,	GSE (Merdiven, konveyör, traktör, vb) Pozisyonda Haz	Input	Datetime
IsBabyBuggAvail	Baby Buggies available at A/C steps?	Bebek Arabaları Merdiven Altına Bırakıldı mı?	Selection	Booelan
IsPrBagsFirst	Priority Bags onto Belt First?	Öncelikli Bagajları Banta İlk Bırakıldı mı ?	Selection	Booelan
LastBaggArrAt	Last Baggage in the Arrival Hall by?	Son Bagajın Geliş Salonunda Banta Düşme Zamanı	Input	Datetime
LoadingCompAt	Loading Completed at?	Yükleme Bitiş Zamanı	Input	Datetime

Option Code	Static Value	Option Name	Option Name (tr)
NO	false	No	Hayır
YES	true	Yes	Evet

[21/23] Existing Data, Not Modified

Performance measurement questions can be defined by the quality department. The answers to these questions are later to be used as variables in the performance measurement formulas. Any number of questions can be defined and it is possible to supply multiple choice answers to the questions (as can be seen in the example image).

Input type can either be an input or selection. Supported data types for the answers are numeric, string, Boolean, date, time and date time.

The defined questions will later be associated with the performance measurement groups.

10.1.2 Performance Measurement Standard

The screenshot shows the 'Performance Measurement Standard' window. It has three tabs: 'Criteria', 'Related Services', and 'Related Questions'. The 'Criteria' tab is active, showing a table with columns for Code, Criteria Name, and Criteria Name (tr). Below the table, there are status indicators: '[1/6]' and 'Existing Data, Not Modified'.

ID	Name	Name (tr)
1	AHM804	AHM804

Code	Group Name	Group Name (tr)
OP	Operation	Operation
RA	Ramp Arrival	Ramp Arrival
RD	Ramp Departure	Ramp Departure
TA	Traffic Arrival	Traffic Arrival
TC	Traffic Check-In	Traffic Check-In

Code	Criteria Name	Criteria Name (tr)
1	All Docs (Met, AIS, Flt. Pln, etc) available on board at	Dokümanların (Met, AIS, Flt. Pln vb) Uçağa Verilme Zamanı
2	MVT sent at	MVT Mesajının Gönderilme Zamanı
3	Load Sheet, Purser Info given to Crew	Ekibe L/S, Purser Info'nun Verilme Zamanı
4	AA Signal sent at	Actual Arrival Mesajının Gönderilme Zamanı

Here, the performance measurement standards can be defined. It is possible to define any number of performance measurement standards.

Each standard have performance measurement groups. The groups have user-defined codes and names. Each group has one or more criteria defined in the first tab at the bottom of the window. Group criteria have code and names.

The screenshot shows the 'Related Services' section of the 'Performance Measurement Standard' window. It has a tab labeled 'Related Services' which is active. Below the tab, there is a section titled 'Related Service Code' with a text input field containing 'RMP : Ramp'.

In the related services section, any number of previously defined [services](#) can be associated with this group criteria. It will later cause the performance measurement group questions to be input if at least one of the services associated here exist in the service charge form.

Field (Question)	Order
AllDocsAvailAt:All Docs (Met, AIS, Flt. Pln, etc) available on board at? (Dokümanların (Met, AIS, Flt. Pln vb) Uçağ	10
MVTSentAt:MVT sent at? (MVT Mesajının Gönderilme Zamanı)	20
LoadSheetAt:Load Sheet, Purser Info given to Crew at? (Ekibe L/S, Purser Info'nun Verilme Zamanı)	30
AASignalSentAt:AA Signal sent at? (Actual Arrival Mesajının Gönderilme Zamanı)	40

In the related questions tab, we can associate the previously defined performance measurement questions and the order in which the questions will be asked on the questionnaire.

10.1.3 Sampling Definitions

Standard	Airport	Legacy Code	Domestic	Airline	Percent	Active
AHM804	IST	1 - Tarifeli	International	DLH - LUFTHANSA	10	<input checked="" type="checkbox"/>
AHM804	IST	1 - Tarifeli	International	AFR - AIR FRANCE	10	<input type="checkbox"/>
AHM804	IST	1 - Tarifeli	International	AZA - ALITALIA Linee Aeree Italiane SpA	10	<input type="checkbox"/>
AHM804	IST	1 - Tarifeli	International	SVAT - SAUDI ARABIAN AIRLINES (SCHEDULED)	10	<input type="checkbox"/>
AHM804	IST	1 - Tarifeli	International	UAE - EMIRATES	10	<input type="checkbox"/>
AHM804	IST	1 - Tarifeli	International	CSA - CSA Czech Airlines	10	<input type="checkbox"/>
AHM804	IST	1 - Tarifeli	International	GFA - GULF AIR Co. G.S.C.	10	<input type="checkbox"/>
AHM804	IST	1 - Tarifeli	International	KLM - KLM	10	<input type="checkbox"/>
AHM804	IST	2 - Kargo	International	NTR - TNT I.A.S.	10	<input type="checkbox"/>
AHM804	IST	2 - Kargo	International	GEC - LUFTHANSA Cargo AG	10	<input type="checkbox"/>
AHM804	IST	2 - Kargo	International	DHX - DHL AVIATION	10	<input type="checkbox"/>
AHM804	IST	3 - Charter	International	BWG - BLUE WINGS AG	10	<input type="checkbox"/>
AHM804	IST	4 - Türk	International	OHY - ONUR AIR Tasimacilik A.S.	10	<input type="checkbox"/>
AHM804	IST	4 - Türk	International	SXS - SUNEXPRESS	10	<input type="checkbox"/>
AHM804	IST	4 - Türk	International	KKK - ATLASJET HAVACILIK A.S.	10	<input type="checkbox"/>
AHM804	IST	4 - Türk	Domestic	OHY - ONUR AIR Tasimacilik A.S.	15	<input type="checkbox"/>
AHM804	IST	4 - Türk	Domestic	KKK - ATLASJET HAVACILIK A.S.	10	<input type="checkbox"/>
AHM804	IST	5 - Rus	International	UKM - UKRAINIAN MEDITERRANEAN AIRLINES	10	<input type="checkbox"/>
AHM804	IST	5 - Rus	International	ESL - RUSSIAN SKY AIRLINES	10	<input type="checkbox"/>
AHM804	IST	5 - Rus	International	NLK - ELBRUS-AVIA	10	<input type="checkbox"/>
AHM804	AYT	4 - Türk	Domestic	OHY - ONUR AIR Tasimacilik A.S.	50	<input checked="" type="checkbox"/>

Performance measurement is to be performed on the selected flights which is accomplished by sampling the flight according to some rules. In this screen, the rules for sampling are defined.

The sampling definitions start by specifying the performance measurement standard. Then comes the airport in which this sampling should be done. The third column is legacy code, which is a handling company defined group according to the flight properties. See [legacy code mappings](#) for more information. Then follows the domestic/international property together with the airline. Percent will be used for the flights by that airline in that airport and matching both legacy code and domestic/international properties. An additional checkbox is provided to temporarily enable/disable a sampling definition.

Sampling process starts each night (local time 04:00 am) and according to the definitions here, marks flights to be sampled. The sampled flights can be seen with  this icon in the main [landings](#) screen. Double clicking the icon will open performance measurement questionnaire.

10.1.4 Calculation Templates

Calculation Template (CHS - CHS)

Template | Formula

Template

ID: 1 State: Active

Standard: 1 : AHM804 (AHM804)

Company 1: CHS : ÇELEBI HAVA SERVİSİ AŞ

Company 2: CHS : ÇELEBI HAVA SERVİSİ AŞ

Valid From: 01/01/2006 00:00 (GMT, inclusive)

Valid Till: 01/01/2009 00:00 (GMT, exclusive)

Criteria Groups

Criteria Group	Target %
OP : Operation (Operation)	85
RA : Ramp Arrival (Ramp Arrival)	85
RD : Ramp Departure (Ramp Departure)	85
TA : Traffic Arrival (Traffic Arrival)	85
TC : Traffic Check-In (Traffic Check-In)	85
TD : Traffic Departure (Traffic Departure)	85

Valid At These Airports

Criteria

Criteria	Weight	Target %	Excluded?
1 : All Docs (Met, AIS, Flt. Pln, etc) available on board at (Dokümanların (Met, AIS, Flt. Pln vb) Uçağa	10.00	85	<input type="checkbox"/>
2 : MVT sent at (MVT Mesajının Gönderilme Zamanı)	10.00	85	<input type="checkbox"/>
3 : Load Sheet, Purser Info given to Crew (Ekibe L/S, Purser Info'nun Verilme Zamanı)	10.00	85	<input type="checkbox"/>
4 : AA Signal sent at (Actual Arrival Mesajının Gönderilme Zamanı)	10.00	85	<input type="checkbox"/>
Sum of Weight:	40		

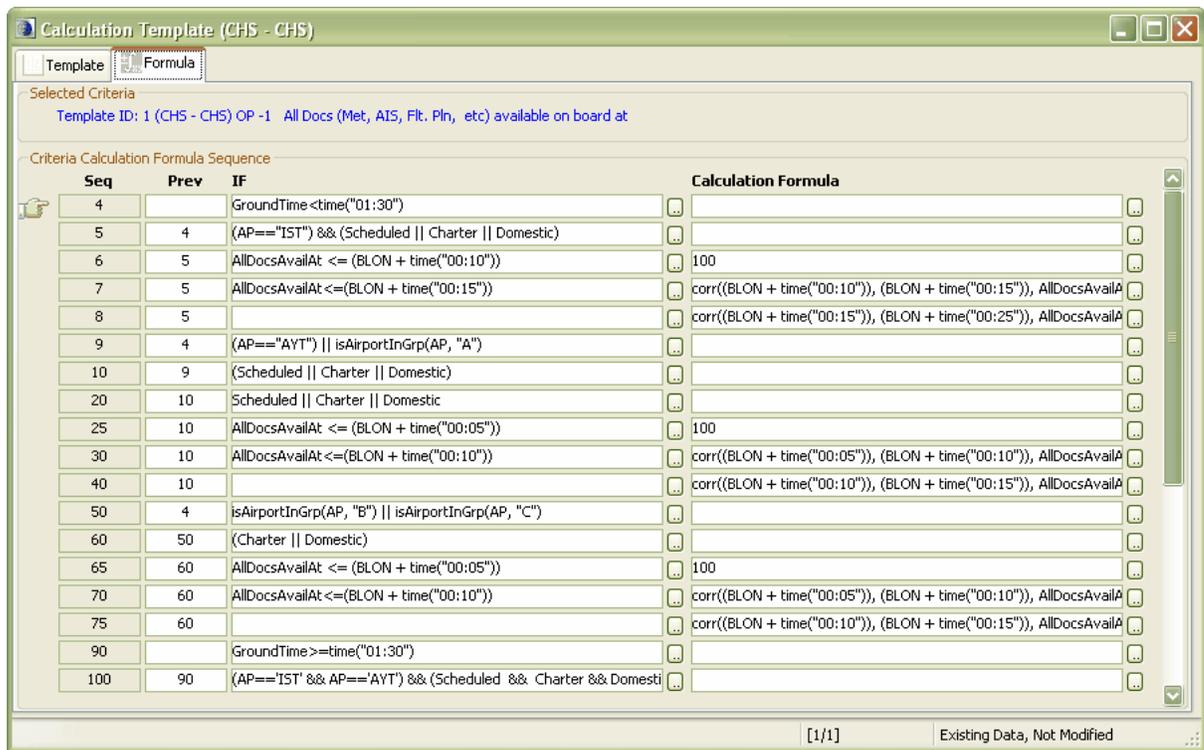
[1/1] Existing Data, Not Modified

Calculation templates defines the whole schema as recommended in AHM-803 section 5 (AHM 27th edition, Random Sampling).

A calculation template (of a performance measurement standard) is defined between two companies. The first company must be the handling company, but the second company can be either an airline or the handling company (again) itself. A template with the handling company itself defines the standard schema for all airlines, while a template with the airline either defines the standard with that airline only or it overrides some of the sections. target percents etc. of the main template.

It is possible to restrict a template to be applicable for only some airports. If airport is not specified, it means the template is valid at all operational airports.

In the template, the first definitions are the definitions for all the criteria groups and their target success rates. Then comes the criteria and weights of each criteria in the group together with target percent. The excluded field is useful if we want to override a default template and exclude one criteria for a particular airline. Excluded criteria will not add to the sum of weight, hence enabling correct weight calculations.



In the second tab, the criteria calculation formulas are defined. Formula definitions are very much like pricing formula definitions and uses the same architecture. The [formula editor](#) and nested if statements can be used.

Celebris will try to satisfy an IF statement following the sequence and previous sequence orders. The calculation formula, which must produce a number between 0 and 100 is then used to calculate that criteria point. The calculated point will then be weighted according to the previous criteria and group weights.

Celebris will automatically calculate the performance each night at 05:00 am. The probable errors that might arise during the calculation (bad formula, no context found, etc.) will be highlighted to the admin user in the questionnaire screen in an additional error tab. The user will be, after making necessary corrections, able to manually trigger the performance calculation himself. The calculations will automatically be both for the default template and for the airline template (if any airline template is defined).

10.1.5 Questionnaire

The sampled flight questionnaire is opened by double-clicking the  icon in the main landings screen.

Sampling Test

Sampling Status: **Complete** (right-click to see choices)

Flight Info

AFR	flight	route	scheduled	est.	blks.	cargo	seat	pax	pos
F-GFKT (320)	2390	CDG-IST	30/09 20:20	20:20	20:17	0	159	108	A3
73 ton	2391	IST-CDG	01/10 06:00		05:58	0	159	154	217

Test | Calculations | Report | Calculation Errors | Evaluate

OP : Operation (Operation)

Question	Answer	N/A
All Docs (Met, AIS, Flt. Pln, etc) available on board at?	01/10/2007 05:00	<input type="checkbox"/>
MVT sent at?	01/10/2007 06:42	<input type="checkbox"/>
Load Sheet, Purser Info given to Crew at?	01/10/2007 05:50	<input type="checkbox"/>
AA Signal sent at?	30/09/2007 20:28	<input type="checkbox"/>

RA : Ramp Arrival (Ramp Arrival)

Question	Answer	N/A
GSE (stairs, conveyor, highloader, bagg tractor-carts, ACU and GPU will be available on stand at	30/09/2007 19:45	<input type="checkbox"/>
Steps / Bridge on A/C at?	30/09/2007 20:17	<input type="checkbox"/>
Baby Buggies available at A/C steps?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/>
Busses Ready At?	<input type="text"/>	<input checked="" type="checkbox"/>
Priority Bags onto Belt First?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>
First Baggage in the Arrival Hall by?	30/09/2007 20:29	<input type="checkbox"/>

[2/14] Existing Data, Not Modified

In the main test tab, there are the questions asked to the operations staff as defined by the performance measurement standard.

On the top left of the screen, the sampling status is shown. When we are done answering the questions, we can right click on that area to see the context sensitive menu and choose Complete as the process action.

On the top right, there is a summary information about the flight we are dealing with.

Tabs other than the test tab will be visible to only authorized users. Let's briefly cover their contents:

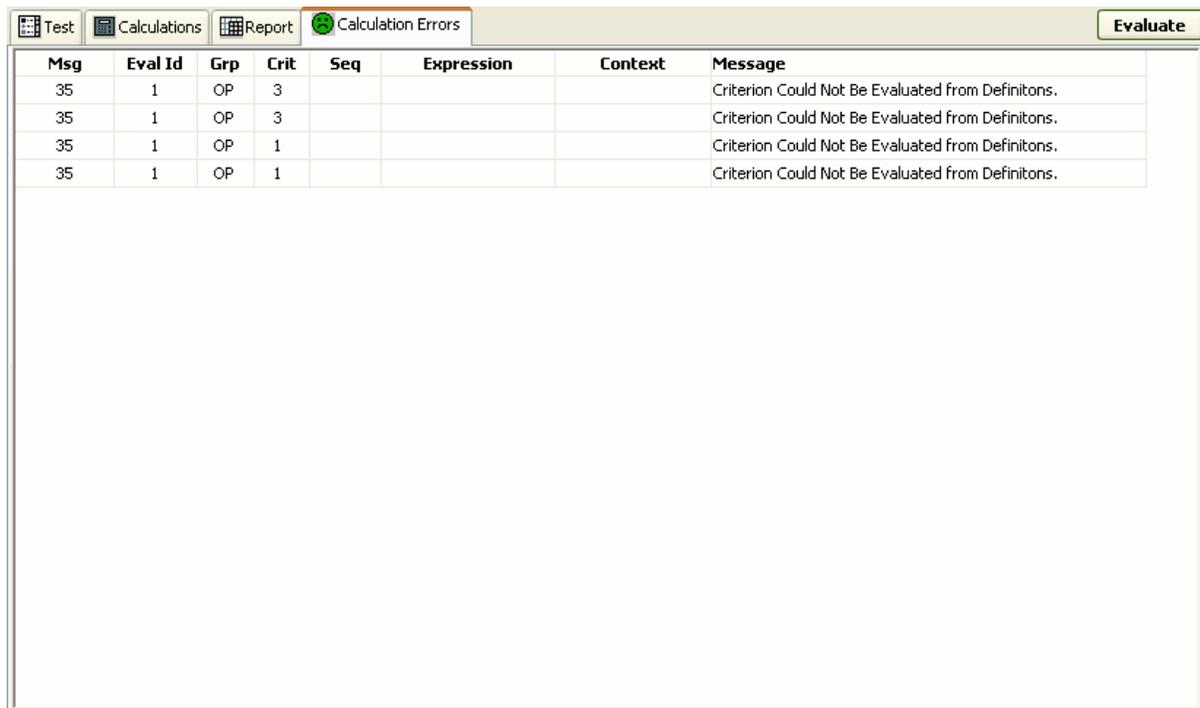
Group Header & Summary		Weight	Target	Success %
Ramp Arrival		General: 60.00	85.00	83.33
		Airline: 60.00	85.00	83.33
Criteria Details		Weight	Target	Result
1	GSE (stairs, conveyor, highloader, bagg tractor-carts, A	General: 10.00	85.00	100.00 ...
		Airline: 10.00	85.00	100.00 ...
2	Steps / Brigde on A/C at.....	General: 10.00	85.00	100.00 ...
		Airline: 10.00	85.00	100.00 ...
3	Baby Buggies available at A/C steps.....	General: 10.00	85.00	100.00 ...
		Airline: 10.00	85.00	100.00 ...
4	Busses Ready At.....	General: 0.00		...
		Airline: 0.00		...
5	Priority Bags onto Belt First.....	General: 10.00	85.00	0.00 ...
		Airline: 10.00	85.00	0.00 ...
6	First Baggage in the Arrival Hall by.....	General: 10.00	85.00	100.00 ...
		Airline: 10.00	85.00	100.00 ...
7	Last Baggage in the Arrival Hall by.....	General: 10.00	85.00	100.00 ...
		Airline: 10.00	85.00	100.00 ...

The calculations tab is a report about the evaluation results. What criteria, what was the weight and target, and what is the achieved score summing with the success ration per criteria group.

If the ellipsis icon is clicked, it will open the calculation templates line that is used in calculating this value. So, it is very easy to debug how this calculation was handled.

Group	OP	Operation	Weight	Target Point	Point	Target Percent	Success Percent
			20.00	17.00	9.80	85.00	49.00
	1	All Docs (Met, A15, Flt. Pln, etc) available on board at	.				
	2	MVT sent at	10.00	8.5	0.00	85.00	0.00
	3	Load Sheet, Purser Info given to Crew	.				
	4	AA Signal sent at	10.00	8.5	9.80	85.00	98.00
Group	RA	Ramp Arrival	60.00	51.00	50.00	85.00	83.33
	1	GSE (stairs, conveyor, highloader, bagg tractor-carts, ACU and GPU will be ava	10.00	8.5	10.00	85.00	100.00
	2	Steps / Brigde on A/C at	10.00	8.5	10.00	85.00	100.00
	3	Baby Buggies available at A/C steps	10.00	8.5	10.00	85.00	100.00
	4	Busses Ready At	.				
	5	Priority Bags onto Belt First	10.00	8.5	0.00	85.00	0.00
	6	First Baggage in the Arrival Hall by	10.00	8.5	10.00	85.00	100.00
	7	Last Baggage in the Arrival Hall by	10.00	8.5	10.00	85.00	100.00
Group	RD	Ramp Departure	30.00	25.50	25.33	85.00	84.43
	1	Cleaning Completed	10.00	8.5	10.00	85.00	100.00
	2	Pushback Tractor Ready on Stand By	10.00	8.5	5.33	85.00	53.33
	3	Loading Completed	10.00	8.5	10.00	85.00	100.00

The third tab is an easy to view report that includes all the evaluation results for this sampling as a whole. If the success percent is lower than the target percent, it will show red, otherwise it will show green.



Msg	Eval Id	Grp	Crit	Seq	Expression	Context	Message
35	1	OP	3				Criterion Could Not Be Evaluated from Definitons.
35	1	OP	3				Criterion Could Not Be Evaluated from Definitons.
35	1	OP	1				Criterion Could Not Be Evaluated from Definitons.
35	1	OP	1				Criterion Could Not Be Evaluated from Definitons.

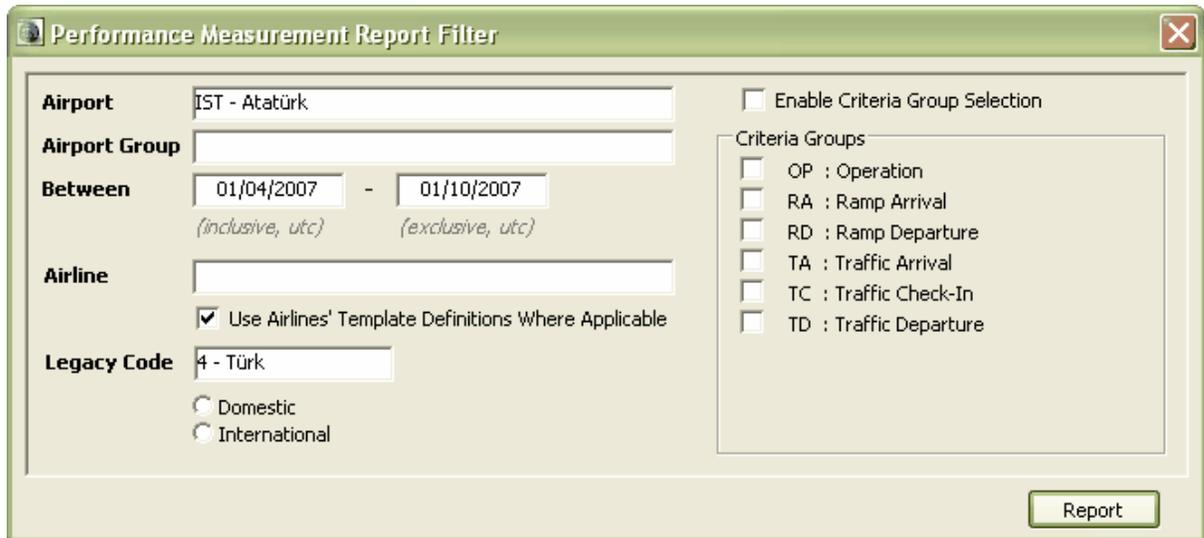
The last tab becomes visible when there are some calculation errors with this evaluation. The error messages are very descriptive and generally, once a calculation error is fixed, that fix applies all similar calculation errors that might be faced in the other evaluations.

10.2 Performance Measurement Reports

Other than the calculation and error reports in the questionnaire, there are five different reports for performance measurement system:

- Criteria Success Rates
- Group Success Rates
- Flight List Criteria Points
- Flight List Criteria Success Rates
- Flight List Group Success Rates

All of these reports shares the following report filter:



Performance Measurement Report Filter

Airport IST - Atatürk

Airport Group

Between 01/04/2007 - 01/10/2007
(inclusive, utc) (exclusive, utc)

Airline

Use Airlines' Template Definitions Where Applicable

Legacy Code 4 - Türk

Domestic
 International

Enable Criteria Group Selection

Criteria Groups

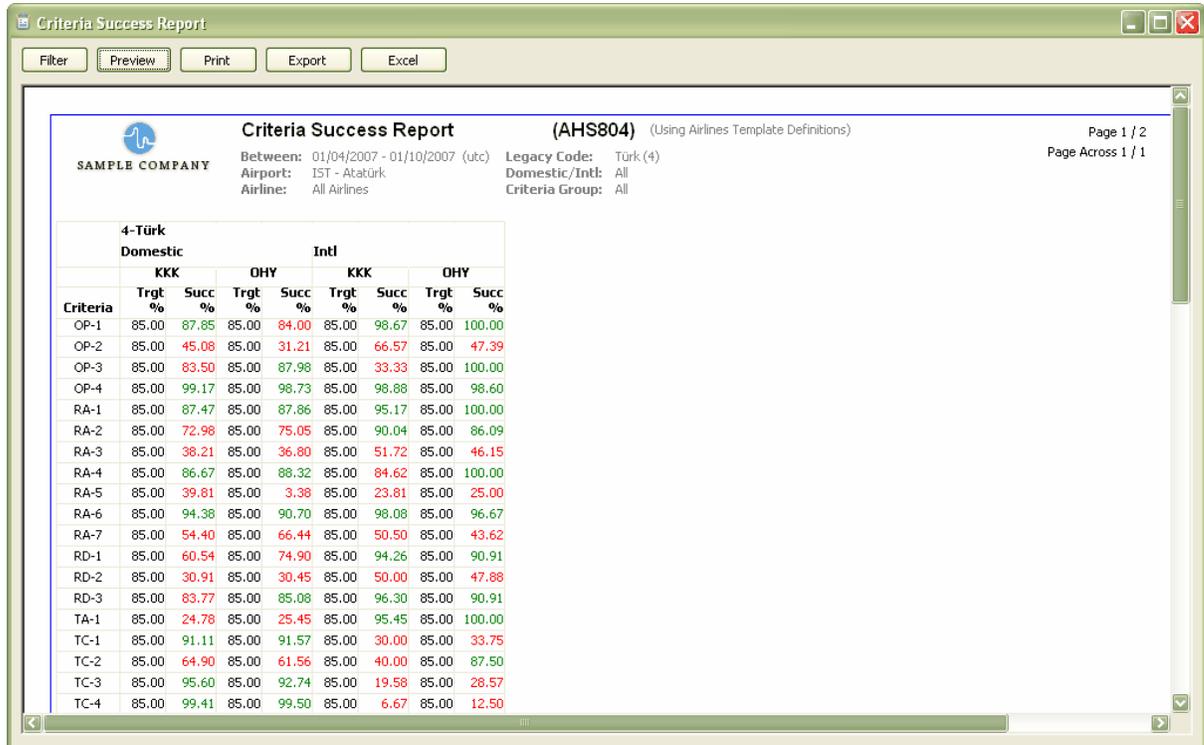
- OP : Operation
- RA : Ramp Arrival
- RD : Ramp Departure
- TA : Traffic Arrival
- TC : Traffic Check-In
- TD : Traffic Departure

Report

It is possible to filter the performance measurement reports using airport or airport group, airline, handling company legacy code and domestic/international. Besides it is possible to get the report for only the selected criteria groups.

Now let's see some samples for each of the reports.

10.2.1 Criteria Success Rates



Criteria Success Report (AHS804) (Using Airlines Template Definitions)

Between: 01/04/2007 - 01/10/2007 (utc) Legacy Code: Türk(4)
 Airport: IST - Atatürk Domestic/Intl: All
 Airline: All Airlines Criteria Group: All

Page 1 / 2
Page Across 1 / 1

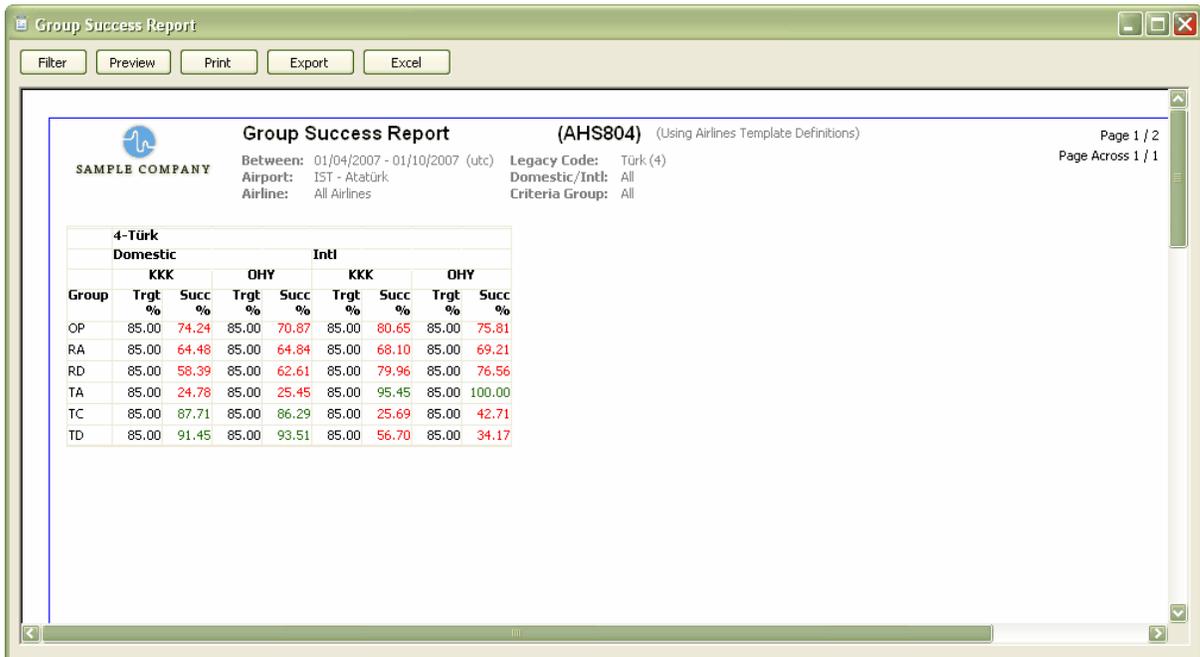
Criteria	4-Türk Domestic				Intl			
	KKK		OHY		KKK		OHY	
	Trgt %	Succ %	Trgt %	Succ %	Trgt %	Succ %	Trgt %	Succ %
OP-1	85.00	87.85	85.00	84.00	85.00	98.67	85.00	100.00
OP-2	85.00	45.08	85.00	31.21	85.00	66.57	85.00	47.39
OP-3	85.00	83.50	85.00	87.98	85.00	33.33	85.00	100.00
OP-4	85.00	99.17	85.00	98.73	85.00	98.88	85.00	98.60
RA-1	85.00	87.47	85.00	87.86	85.00	95.17	85.00	100.00
RA-2	85.00	72.98	85.00	75.05	85.00	90.04	85.00	86.09
RA-3	85.00	38.21	85.00	36.80	85.00	51.72	85.00	46.15
RA-4	85.00	86.67	85.00	88.32	85.00	84.62	85.00	100.00
RA-5	85.00	39.81	85.00	3.38	85.00	23.81	85.00	25.00
RA-6	85.00	94.38	85.00	90.70	85.00	98.08	85.00	96.67
RA-7	85.00	54.40	85.00	66.44	85.00	50.50	85.00	43.62
RD-1	85.00	60.54	85.00	74.90	85.00	94.26	85.00	90.91
RD-2	85.00	30.91	85.00	30.45	85.00	50.00	85.00	47.88
RD-3	85.00	83.77	85.00	85.08	85.00	96.30	85.00	90.91
TA-1	85.00	24.78	85.00	25.45	85.00	95.45	85.00	100.00
TC-1	85.00	91.11	85.00	91.57	85.00	30.00	85.00	33.75
TC-2	85.00	64.90	85.00	61.56	85.00	40.00	85.00	87.50
TC-3	85.00	95.60	85.00	92.74	85.00	19.58	85.00	28.57
TC-4	85.00	99.41	85.00	99.50	85.00	6.67	85.00	12.50

The criteria success rates report lists the target percents and the calculated success rates per legacy code group + domestic/international + airline.

On the bottom of the report, there is a grand total part with one graph showing the rates.



10.2.2 Group Success Rates



Group success rates report is similar to the criteria success rates report but here in the first part, the group target and success rates are listed per handling company legacy code group + domestic/international + airline.

Again, at the bottom of the report, there is a summary part together with a graph:



10.2.3 Flight List Criteria Points

This is the most detailed report in the performance evaluation system. On the left side of the report, there is the flight related information such as the legacy code, domestic/international, airport, airline, arrival flight no, from, sta, eta, blocks on, departure flight no, to, std, etd, blocks off, aircraft registration code, model, mtow, park area and position, cargo in/out, pax in/out and seat capacity in/out. The following image is captured from the left hand side of a sample report:

Legacy	D/I	A/P	A/L	ArrNo	From	Sta	Eta	Bkls On	DepNo	To	Std	Etd	Bkls Off	Reg	Model	mtow	Area	Pos	Cargo In	Cargo Out	Pax In	Pax Out	Seat Arr	Seat Dep
4-Türk	Intl	IST	KKK	1011	ECN	06/06/2007 05:10	05:07	05:20	1012	ECN	06/06/2007 06:00	05:59	TC-OGV	319	70.00	A3	205	0	0	69	107	144	144	
4-Türk	Intl	IST	KKK	1015	ECN	11/06/2007 17:15	17:00	17:10	1014	ECN	11/06/2007 18:00	18:00	TC-OGV	319	70.00	A3	211	0	1300	139	73	144	144	
4-Türk	Intl	IST	KKK	1015	ECN	15/06/2007 17:15	17:20	17:36	1014	ECN	15/06/2007 18:00	18:15	18:20	TC-OGV	319	70.00	A3	209	0	1488	162	118	144	144
4-Türk	Intl	IST	KKK	1015	ECN	20/06/2007 17:15	17:07	17:10	844	SCO	20/06/2007 20:15	20:15	20:15	TC-OGV	319	70.00	A1	3	0	0	124	118	144	144
4-Türk	Intl	IST	KKK	1015	ECN	28/06/2007 17:15	18:06	18:06	1014	ECN	28/06/2007 18:00	19:05	A6-RKA	752	99.00	A3	223	0	0	176	168	200	200	
4-Türk	Intl	IST	KKK	1011	ECN	06/07/2007 05:10	05:15	05:19	1012	ECN	06/07/2007 06:00	06:04	A6-RKA	752	99.00	A3	212	0	0	144	127	200	200	
4-Türk	Intl	IST	KKK	546	BIO	09/07/2007 15:30	15:10	15:17	577	VLC	09/07/2007 16:30	16:29	A6-RKA	752	99.00	A3	216	0	0	167	117	200	200	
4-Türk	Intl	IST	KKK	1015	ECN	12/07/2007 17:15	17:20	17:30	1014	ECN	12/07/2007 18:00	18:15	A6-RKA	752	99.00	A3	207	0	0	183	161	200	200	
4-Türk	Intl	IST	KKK	554	MAD	16/07/2007 10:35	11:55	11:00	537	BCN	16/07/2007 12:50	13:26	13:25	OH-AFK	752	115.67	A1	4	0	0	142	212	219	219
4-Türk	Intl	IST	KKK	582	SVQ	18/07/2007 00:55	01:07	01:16	1014	ECN	18/07/2007 18:00	21:45	21:55	A6-RKA	752	99.00	A11	136	0	1300	109	143	200	200
4-Türk	Intl	IST	KKK	1015	ECN	22/07/2007 17:15	17:10	17:20	1014	ECN	22/07/2007 18:00	18:15	A6-RKA	752	99.00	A3	212	0	0	101	198	200	200	
4-Türk	Intl	IST	KKK	1015	ECN	24/07/2007 17:15	17:20	17:30	1014	ECN	24/07/2007 18:00	19:10	19:13	TC-AKM	M83	73.00	A3	205	0	1354	108	162	165	165
4-Türk	Intl	IST	KKK	1015	ECN	28/07/2007 17:15	18:05	18:20	1012	ECN	29/07/2007 06:00	07:00	07:13	A6-RKA	752	99.00	A2	26	0	0	145	176	200	200
4-Türk	Intl	IST	KKK	538	BCN	31/07/2007 11:05	11:05	11:16	559	ZAZ	31/07/2007 12:00	12:15	12:12	OH-AFK	752	115.67	A3	222	0	0	104	105	219	219
4-Türk	Intl	IST	KKK	1011	ECN	04/08/2007 05:10	05:12	05:21	1012	ECN	04/08/2007 06:00	06:17	A6-RKA	752	99.00	A3	201	0	0	157	197	200	200	
4-Türk	Intl	IST	KKK	538	BCN	06/08/2007 20:30	21:10	21:24	537	BCN	07/08/2007 03:30	03:50	OH-AFK	752	115.67	A3	221	0	0	217	61	219	219	
4-Türk	Intl	IST	KKK	1011	ECN	11/08/2007 05:10	05:12	05:36	1012	ECN	11/08/2007 06:00	06:20	06:39	TC-AKM	M83	73.00	A3	204	0	0	132	164	165	165
4-Türk	Intl	IST	KKK	538	BCN	13/08/2007 20:30	23:40	23:49	537	BCN	14/08/2007 03:30	06:00	06:00	OH-AFK	752	115.67	A1	1	0	0	219	199	219	219
4-Türk	Intl	IST	KKK	1011	ECN	16/08/2007 05:10	05:17	05:31	1012	ECN	16/08/2007 06:00	06:23	A6-RKA	752	99.00	A1	1	0	0	199	187	200	200	
4-Türk	Intl	IST	KKK	1011	ECN	20/08/2007 05:10	05:00	05:09	1012	ECN	20/08/2007 06:00	05:58	TC-OGV	319	70.00	A3	204	0	0	120	142	144	144	
4-Türk	Intl	IST	KKK	1011	ECN	22/08/2007 05:10	05:06	05:10	1012	ECN	22/08/2007 06:00	06:18	TC-OGV	319	70.00	A1	11	0	0	97	144	144	144	
4-Türk	Intl	IST	KKK	1015	ECN	25/08/2007 17:15	17:12	17:19	1012	ECN	26/08/2007 06:00	06:00	A6-RKA	752	99.00	A2	28	0	0	169	197	200	200	
4-Türk	Intl	IST	KKK	6538	BCN	29/08/2007 02:55			559	ZAZ	28/08/2007 12:00	19:30	19:50	OH-AFK	752	99.00	A1	6	0	0	167	200	200	
4-Türk	Intl	IST	KKK	1011	ECN	01/09/2007 05:10	05:00	05:05	1012	ECN	01/09/2007 06:00	06:04	TC-ETD	CR9	37.50	A8	120	0	0	89	88	90	90	
4-Türk	Intl	IST	KKK	578	VLC	04/09/2007 00:30	00:50	00:55	571	SCQ	04/09/2007 06:10	06:10	A6-RKA	752	99.00	A1	8	0	0	161	107	200	200	

On the right side of the report (the lines are continuing) there are the detailed calculation results grouped by criteria group and criteria. The reported items are max points, target point, realized points. The following image is

captured from a sample report:

The screenshot shows a software window titled "Flight List Criteria Points". It contains a grid with columns for "Pax In", "Pax Out", "Seat Arr", "Seat Dep", and then multiple groups of criteria points (1-5) under "OP" and "RA". Each cell contains numerical values, some in red (e.g., 4.80, 7.47, 5.87) and some in green (e.g., 9.60, 10.00). Summary rows at the bottom of each group show "OP max", "OP trg", and "OP points".

This report is very suitable to make a through check about the calculations.

10.2.4 Flight List Criteria Success Rates

The left hand side of this report is the same as in flight list criteria points. In the right hand side, target and success percents of the criteria are reported grouped by criteria groups including an overall group target and success rate summaries. The following image is captured from a live report:

The screenshot shows a software window titled "Flight List Criteria Success Rates". It features a grid with columns for "Seat Arr", "Seat Dep", "Trgt %", and "Succ %". The data is organized into groups (1-7) under "OP" and "RA". The "OP" section includes "OP Target" and "OP Success" columns. The "RA" section includes "RA Target" and "RA Success" columns. Values are mostly percentages, with some in red (e.g., 48.00, 74.67, 58.67) and some in green (e.g., 98.67, 100.00).

10.2.5 Flight List Group Success Rates

The left hand side of this report is the same as in flight list criteria points. In the right hand side the target and success rates of the criteria groups are reported. The following image is captured from a sample report:

Flight List Group Success Rates																											
Filter Preview Print Export Excel																											
Dep Flight	To	Std	Etd	Bkfs Off	Reg	Model	Mtow	Area	Pos	Cargo In	Cargo Out	Pax In	Pax Out	Seat Arr	Seat Dep	OP Trgt %	OP Succ %	RA Trgt %	RA Succ %	RD Trgt %	RD Succ %	TA Trgt %	TA Succ %	TC Trgt %	TC Succ %	TD Trgt %	TD Succ %
1012	ECN	06/06/2007 06:00		05:59	TC-OGV	319	70.0	A3	205	0	0	69	107	144	144	85.00	82.67	85.00	65.83	85.00	58.23	85.00	100.00	85.00	25.00	85.00	20.00
1014	ECN	11/06/2007 18:00		18:00	TC-OGV	319	70.0	A3	211	0	1300	139	73	144	144	85.00	98.67	85.00	60.00	85.00	66.67	85.00	100.00	85.00	0.00	85.00	20.00
1014	ECN	15/06/2007 18:00	18:15	18:20	TC-OGV	319	70.0	A3	209	0	1488	162	118	144	144	85.00	100.00	85.00	65.29	85.00	65.33	85.00	100.00				
844	SCO	20/06/2007 20:15		20:15	TC-OGV	319	70.0	A1	3	0	0	124	118	144	144	85.00	100.00	85.00	43.00	85.00	66.67	85.00	100.00				
1014	ECN	28/06/2007 18:00		19:05	A6-RKA	752	99.0	A3	223	0	0	176	168	200	200	85.00	100.00	85.00	55.20	85.00	66.67			85.00	25.00	85.00	15.00
1012	ECN	06/07/2007 06:00		06:04	A6-RKA	752	99.0	A3	212	0	0	144	127	200	200	85.00	91.57	85.00	70.71	85.00	96.67			85.00	0.00	85.00	20.00
577	VLC	09/07/2007 16:30		16:29	A6-RKA	752	99.0	A3	216	0	0	167	117	200	200	85.00	86.23	85.00	62.37	85.00	66.67	85.00	100.00	85.00	0.00	85.00	20.00
1014	ECN	12/07/2007 18:00		18:15	A6-RKA	752	99.0	A3	207	0	0	183	161	200	200	85.00	100.00	85.00	66.67	85.00	100.00						
537	BCN	16/07/2007 12:50	13:26	13:25	OH-AFK	752	115.7	A1	4	0	0	142	212	219	219	85.00	0.00	85.00	28.71	85.00	0.00						
1014	ECN	18/07/2007 18:00		21:45	A6-RKA	752	99.0	A11	136	0	1300	109	143	200	200	85.00	100.00	85.00	53.86	85.00	66.67	85.00	100.00	85.00	8.75	85.00	100.00
1014	ECN	22/07/2007 18:00		18:15	A6-RKA	752	99.0	A3	212	0	0	101	198	200	200	85.00	89.33	85.00	50.00	85.00	84.43						
1014	ECN	24/07/2007 18:00		19:10	TC-AKM	M83	73.0	A3	205	0	1354	108	162	165	165	85.00	98.67	85.00	100.00	85.00	100.00	85.00	100.00	85.00	25.00	85.00	53.33
1012	ECN	29/07/2007 06:00		07:00	A6-RKA	752	99.0	A2	26	0	0	145	176	200	200	85.00	69.35	85.00	85.86	85.00	93.33	85.00	100.00	85.00	0.00	85.00	20.00
559	ZAZ	31/07/2007 12:00		12:15	OH-AFK	752	115.7	A3	222	0	0	104	105	219	219	85.00	88.00	85.00	100.00	85.00	98.67						
1012	ECN	04/08/2007 06:00		06:17	A6-RKA	752	99.0	A3	201	0	0	157	197	200	200	85.00	99.33	85.00	100.00	85.00	93.33	85.00	100.00				
537	BCN	07/08/2007 03:30		03:50	OH-AFK	752	115.7	A3	221	0	0	217	61	219	219	85.00	85.00	100.00	85.00	84.43	85.00	100.00					
1012	ECN	11/08/2007 06:00		06:20	TC-AKM	M83	73.0	A3	204	0	0	132	164	165	165	85.00	100.00	85.00	100.00	85.00	84.43						
537	BCN	14/08/2007 03:30		06:00	OH-AFK	752	115.7	A1	1	0	0	191	199	219	219	85.00	76.65	85.00	78.20	85.00	84.43	85.00	0.00				
1012	ECN	16/08/2007 06:00		06:23	A6-RKA	752	99.0	A1	1	0	0	199	187	200	200	85.00	100.00	85.00	65.86	85.00	90.67	85.00	100.00				
1012	ECN	20/08/2007 06:00		05:58	TC-OGV	319	70.0	A3	204	0	0	120	142	144	144	85.00	77.33	85.00	100.00	85.00	84.43			85.00	22.50	85.00	82.20
1012	ECN	22/08/2007 06:00		06:18	TC-OGV	319	70.0	A1	11	0	0	97	144	144	144	85.00	76.67	85.00	85.86	85.00	93.33	85.00	100.00	85.00	72.50	85.00	100.00
1012	ECN	26/08/2007 06:00		06:00	A6-RKA	752	99.0	A2	28	0	0	169	197	200	200	85.00	66.00	85.00	57.29	85.00	84.43	85.00	100.00	85.00	63.33	85.00	100.00
559	ZAZ	28/08/2007 12:00		19:30	OH-AFK	752	99.0	A1	6	0	0	0	167	200	200	85.00	0.00	85.00	1.00	85.00	76.65						
1012	ECN	01/09/2007 06:00		06:04	TC-ETD	CR9	37.5	A8	120	0	0	89	88	90	90	85.00	70.23	85.00	83.50	85.00	93.33	85.00	100.00				
571	SCQ	04/09/2007 06:10		06:10	A6-RKA	752	99.0	A1	8	0	0	161	107	200	200	85.00	54.67	85.00	83.50	85.00	84.43	85.00	100.00				
1014	ECN	07/09/2007 18:00	18:15	18:18	A6-RKA	752	99.0	A3	209	0	1525	200	187	200	200	85.00	99.33	85.00	92.00	85.00	90.67	85.00	100.00	85.00	66.67	85.00	100.00

10.3 Compliments and Complaints

In the [service charge form](#), there is a tab to enter the customers' feedback like compliments and complaints. Those entered compliments and complaints are later reported according to the department. The departments about the compliments or complaints are defined separately.

Compliments and complaints reporting will be documented in a future documentation release.

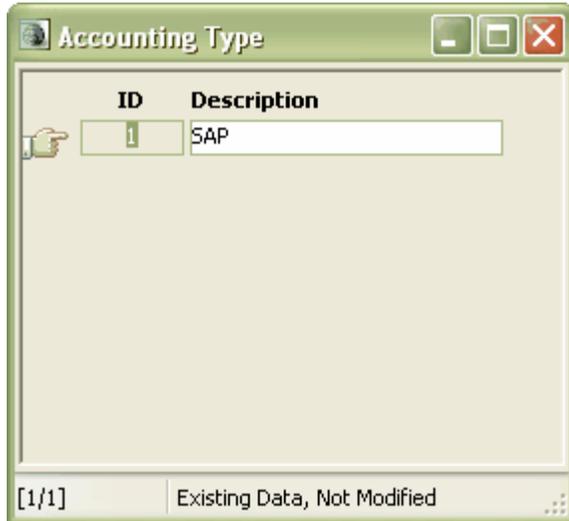
Part



11 Accounting Module

Accounting module is used for invoice generation, transfer to the 3rd party general ledger software and reporting.

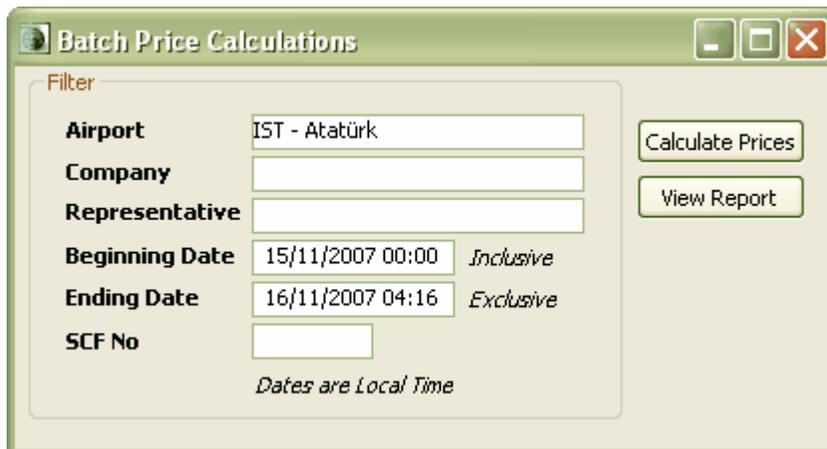
11.1 Accounting Type



The accounting type window is used to define the accounting type(s) that are in use at the handling company. The definition here will later be used when defining accounting integration to the 3rd party general ledger software in [service accounting integration](#) and [package accounting integration](#).

11.2 Price Calculations

In Celebris prices for the service charge forms are calculated behind the scenes and normally it is not necessary to manually calculate prices. However, because of the complex calculation schema, some prices may not be calculated because of faulty price definition or incomplete flight or service charge form information. These need to be fixed before creating invoices. In the invoice generation screen, there is a utility to manually calculate and check the prices. However a separate utility window also exists.



Airport, company, representative, beginning and ending service charge form dates and if required, the service charge form number can be specified here. The calculate prices button will trigger the batch price calculation synchronously.

After the price calculation is finished, the price calculation error report can be requested. The aim is to get an

empty error report. The error report reports the produced errors by the price calculations in a very detailed manner. See the following screenshot:

The screenshot shows a window titled "Price Calculations Error Report" with buttons for Filter, Preview, Print, Export, and Excel. The main content area displays three error entries, each with a flight summary and a detailed error table.

IST	A/L	Flight	A/P	ST	Reg	Model	ICAO	MTOW	Seat Cp	Representative	SCF No	Ops Agent
Arrival	BGH	6001	BOJ	02 Nov 09:40	LZ-BHB	320	A320	73.50	177	10 TREK	2156343	
Departure												
Pck	Svc	Context Var.	Reason	Expression	Agreement	Annex	Valid From	Type	Agr	Per	Dom	
	LOP		Statement Service Quantity is not entered									
	RMP		Statement Service Quantity is not entered									
IST	A/L	Flight	A/P	ST	Reg	Model	ICAO	MTOW	Seat Cp	Representative	SCF No	Ops Agent
Arrival											235931	Canikli,M
Departure												
Pck	Svc	Context Var.	Reason	Expression	Agreement	Annex	Valid From	Type	Agr	Per	Dom	
	VEF		No initial agreement found for Agreement Service Group Id = 5; No initial agreement found for Agreement Service Group Id = 5									
IST	A/L	Flight	A/P	ST	Reg	Model	ICAO	MTOW	Seat Cp	Representative	SCF No	Ops Agent
Arrival											235921	Canikli,M
Departure												
Pck	Svc	Context Var.	Reason	Expression	Agreement	Annex	Valid From	Type	Agr	Per	Dom	
	TOT	MTOW	Flight Aircraft Registration Code Not Entered		SAM - SAM		1 Aug 2004	Handling				

Price Calculations Error Report Page 2 of 2

The price calculations error report gives very detailed information specifying the error context, the reason, if the error is in the pricing formula, the erroneous formula expression etc. This report is designed to ease the control employee's job and so it is interactive. For example when the service charge form number is double clicked, the related service charge form screen will be opened for that form (whether it is a landed or ground service charge form). Similarly, double clicking on the agreement will open the agreement that produces the error. Double clicking on the expression will go one step further and locate the erroneous formula line in the related pricing agreements expression line. Double clicking on the flight will open the landed window to further trace the situation.

11.3 Invoice Generation

11.3.1 Invoice Generation Filter

Celebris has a very flexible invoice generation utility. On the top left of the invoice generation window, there is a grouping filter to construct potential invoice headers. Lets see the elements in this filter:

- Form Date** There are two input fields to define the service charge form date range that will be the subject to the invoice generation.
- Inv Date & Grp** Inv date can have two meanings: If the grp checkbox is checked, it means group by invoice dates that are known to the Celebris by the initial agreements, but use no value that is greater than the specified invoice date. If the grp is not checked, then this field means use the specified date as the invoice date bypassing any invoice dates that are caused by the initial agreements.
- Form Type & Grp** Form types can either be landed or ground. If no form type is specified it is considered including both landed and ground forms. If the grp checkbox is checked different potential invoice headers will be produced for different form types. If not checked a potential invoice header may include both landed and ground forms.
- Currency & Grp** Specifies the invoice currency that comes from the initial agreements. If grp is checked and if there are more than one currency types defined per invoice group for one company, it is possible to divide one service charge form into two or more potential invoice headers.
- Company** The desired company to generate potential invoice headers.
- Repr** If selected only the service charge forms that have this representative marked as the representative company are listed.
- Inv Grp** If selected it instructs Celebris to use the invoice group that has been defined by the accountants in the 3rd party [accounting integration](#) rules screen. Potential

invoice headers are always grouped according to the defined integration invoice group.

- Dom / Intl & Grp** With the help of this field, it is possible to produce separate potential invoice headers for domestic and/or international flights and the grp is checked. If grp is not checked, then it is possible to narrow down the potential invoice header production to the selected flight characteristic only.
- Invoice Groups & Grp** It is possible to specify one or more Celebris invoice groups (agreement types). If the grp is checked (recommended) then separate potential invoice headers will be produced. If not, it is possible to merge two different agreement characteristics into one invoice. But in this case, no grouping on the invoice date is recommended (although not forced).
- Group by SCF** This extra grouping property is provided considering there might be cases when each invoice should include at most one service charge form details.
- Pricing format** Options are according to the definition at the pricing agreement , royalty included and royalty excluded. It is recommended to always choose according to pricing agreement and define correct pricing rules in the pricing agreements. However the other options are always available to give more flexibility to the accountant.
- Airports & Grp** It is possible to narrow down the potential invoice generation to one or more operational airports only. If the grp is checked, Celebris will produce separate potential invoice headers per airport. If not, one invoice may include services given at more than one airport.

The calculate prices button can be used to trigger price calculation action manually once more before finalizing the invoices for the selected filter values.

In Celebris, price calculations (which are very complicated since they may include so many agreements, complex formulas, parsing etc.) are automatically performed in the background as Celebris detects an action which would require the re-calculation of the service form prices. So basically there should be no need to manually trigger the price calculation once more here. But, the complex pricing schema may bring together some price calculation errors and those errors should be checked by the user just before he/she finalizes the invoice. Therefore, it is always a good idea to push the Calc Err Report button which brings the price calculations error report for the range specified by the potential invoice header generation filter. For an example of what can be produced in the price calculation error report, please see [Price Calculations](#).

11.3.2 Potential Invoice Headers

The potential invoice headers are produced with the help of the [Invoice Generation Filter](#). The potential invoice headers are naturally produced from the service forms that are not invoiced yet and are within the requested invoice generation filter. Consider the following screenshot:

After entering appropriate values to the invoice generation filter,  button is pressed to get the potential invoice headers report. In the potential invoice headers area, the company code, representative code (00 for no representative), airport, 3rd party accounting integration user defined accounting group, currency, invoice date, payment type (can be cash, credit and advance payment), legacy group (handling company defined group), domestic/international, service form count, approved service form count, Celebris group (invoice group), form type, description, minimum and maximum service charge form code numbers are reported.

If the service form count and approved service form count is not the same, an  icon is displayed in between these two fields. Normally, invoices are created from the approved service forms. In Celebris there is a [service form control mechanism](#) that aims the service forms to be controlled by a more authorized operations employee (than the service form responsible employee). It is also possible to generate invoices from non-approved service forms but this action requires an additional role, the accounting admin role.

Right clicking on the potential invoice header brings out a context sensitive menu.

Using this menu, the accountant can show the potential invoice on the bottom of the screen, request a detailed report (both actions also doable using the command buttons on the screen) and request a form control and

approval mail to be sent to the responsible employees.

11.3.3 Detailed Potential Invoice Reports

On the right hand side of the invoice generation screen, there is a mini filter:

Detailed Report

Report Type

Price

Qty, Price

Price, Ext Price

Ordering

SCF Date

SCF No

VAT

Included

Excluded

Using this filter and the produced potential invoice header, it is possible for the accountant to get a very detailed report for the potential invoice with all the service forms included in this potential invoice, the services and according to what is chosen in the report filter, price or quantity + price or price + external price reports can be produced.

Here is an example screenshot of a produced detailed report:

Form Details for DLH (LUFTHANSA) between 01/11/2006 and 15/11/2006

Filter Preview Print Export Excel W 352 L 278 pg

AP	COMP	COMP	Repr	SCF No	Arrival	Elis	Dept	Bill	Arrival	Dept	Prm	To	Model	Reg	Mow	Seat	T	D	S	Load	Pax	Pax	Cargo	Cargo	Cargo	Cargo	HDS	LOP	PVB	PAX	RMP	RMPR	VMC	Total
Code	Code	Name			Date	On	Date	Off	P.No	P.No							F	I	C		In	Out	In	Out	Tot	On								
IST	DLH	LUFTHANSA		2156112	01-11-06	01-12	01-11-06	06:00	3344	3345	FRA	FRA	ABK	D-WAL	100	271	✓	I	S	P	167	217	10838	4120	14055	15	0.00	80.00	1,057.50		18.00	1,155.50		
IST	DLH	LUFTHANSA		2156113	01-11-06	03:00	01-11-06	08:17	3352	3353	MUC	MUC	320	D-WPS	73.5	142	✓	I	S	P	120	104	328	0	328	1	0.00	50.00	675.00			725.00		
IST	DLH	LUFTHANSA		2156110	01-11-06	13:30	01-11-06	14:00	3340	3341	FRA	FRA	320	D-WQM	73.5	150	✓	I	S	P	142	162	120	615	735	1	0.00	50.00	61.00	450.00		18.00	679.00	
IST	DLH	LUFTHANSA		2156139	01-11-06	15:10	01-11-06	16:20	3350	3351	MUC	MUC	321	D-WRP	83	176	✓	I	S	P	141	159	61	360	421	1	0.00	50.00	460.00			510.00		
IST	DLH	LUFTHANSA		2156340	01-11-06	17:22	01-11-06	18:10	3342	3343	FRA	FRA	321	D-WSP	89	176	✓	I	S	P	140	158	1315	1725	3040	4	0.00	50.00	460.00			510.00		
IST	DLH	LUFTHANSA		2156340	02-11-06	02:05	02-11-06	05:58	3344	3345	FRA	FRA	320	D-WQA	73.5	142	✓	I	S	P	131	142	2234	610	2304	3	0.00	50.00	675.00		12.00	727.00		
IST	DLH	LUFTHANSA		2156340	01-11-06	22:35	02-11-06	06:16	3352	3353	MUC	MUC	320	D-WQU	73.5	142	✓	I	S	P	136	131	983	1245	2228	3	0.00	50.00	675.00			725.00		
IST	DLH	LUFTHANSA		2156352	02-11-06	12:52	02-11-06	13:45	3340	3341	FRA	FRA	321	D-WRC	83	176	✓	I	S	P	177	159	710	1845	2555	3	0.00	50.00	460.00		12.00	522.00		
IST	DLH	LUFTHANSA		2156353	02-11-06	15:35	02-11-06	16:20	3350	3351	MUC	MUC	321	D-WRS	83	176	✓	I	S	P	120	103	452	700	1212	2	0.00	50.00	460.00		6.00	516.00		
IST	DLH	LUFTHANSA		2156354	02-11-06	17:27	02-11-06	18:20	3342	3343	FRA	FRA	321	D-WSP	89	176	✓	I	S	P	176	174	1999	1070	3779	4	0.00	50.00	460.00		24.00	634.00		
IST	DLH	LUFTHANSA		2156366	03-11-06	01:55	03-11-06	05:55	3344	3345	FRA	FRA	320	D-WQL	73.5	142	✓	I	S	P	94	146	309	1603	1993	2	0.00	50.00	675.00			725.00		
IST	DLH	LUFTHANSA		2156367	02-11-06	22:59	03-11-06	08:20	3352	3353	MUC	MUC	320	D-WPH	72.5	142	✓	I	S	P	104	140	782	530	1312	2	0.00	50.00	675.00		6.00	731.00		
IST	DLH	LUFTHANSA		2156105	03-11-06	12:55	03-11-06	13:45	3340	3341	FRA	FRA	320	D-WQL	73.5	142	✓	I	S	P	140	172	400	916	1310	2	0.00	50.00	460.00			500.00		
IST	DLH	LUFTHANSA		2156121	03-11-06	15:10	03-11-06	16:20	3350	3351	MUC	MUC	321	D-WRP	83	176	✓	I	S	P	127	172	175	2840	3015	4	0.00	50.00	460.00			510.00		
IST	DLH	LUFTHANSA		2156163	03-11-06	17:20	03-11-06	18:20	3342	3343	FRA	FRA	321	D-WRK	83	176	✓	I	S	P	140	165	1577	1430	3007	4	0.00	50.00	460.00			510.00		
IST	DLH	LUFTHANSA		2156390	04-11-06	01:55	04-11-06	05:55	3344	3345	FRA	FRA	321	D-WSB	89	176	✓	I	S	P	135	100	0	1365	1365	2	0.00	50.00	690.00			740.00		
IST	DLH	LUFTHANSA		2156390	04-11-06	00:35	04-11-06	08:20	3352	3353	MUC	MUC	320	D-WQU	73.5	142	✓	I	S	P	114	144	1425	1400	2905	3	0.00	50.00	675.00		6.00	731.00		
IST	DLH	LUFTHANSA		2156311	04-11-06	13:25	04-11-06	14:00	3340	3341	FRA	FRA	320	D-WQE	73.5	142	✓	I	S	P	121	140	935	345	1270	2	0.00	50.00	675.00		18.00	743.00		
IST	DLH	LUFTHANSA		2156313	04-11-06	15:05	04-11-06	16:20	3350	3351	MUC	MUC	321	D-WRN	83	176	✓	I	S	P	137	105	235	700	1015	2	0.00	50.00	690.00		6.00	746.00		
IST	DLH	LUFTHANSA		2156314	04-11-06	17:20	04-11-06	18:20	3342	3343	FRA	FRA	321	D-WRH	83	176	✓	I	S	P	131	104	1440	630	2120	3	0.00	50.00	690.00		6.00	746.00		
IST	DLH	LUFTHANSA		2156314	05-11-06	01:30	05-11-06	05:55	3344	3345	FRA	FRA	321	D-WRD	83	176	✓	I	S	P	119	172	1840	0	1040	2	0.00	50.00	690.00		6.00	746.00		
IST	DLH	LUFTHANSA		2156319	04-11-06	22:28	05-11-06	08:17	3352	3353	MUC	MUC	320	D-WPL	73.5	142	✓	I	S	P	87	140	1017	0	1017	2	0.00	50.00	675.00			725.00		
IST	DLH	LUFTHANSA		2156139	05-11-06	12:54	05-11-06	14:02	3340	3341	FRA	FRA	321	D-WRU	83	176	✓	I	S	P	160	170	1311	520	1831	2	0.00	50.00	690.00		72.00	812.00		
IST	DLH	LUFTHANSA		2156223	05-11-06	15:05	05-11-06	16:20	3350	3351	MUC	MUC	320	D-WPA	73.5	150	✓	I	S	P	160	142	410	1300	1710	2	0.00	50.00	675.00		40.00	773.00		
IST	DLH	LUFTHANSA		2156222	05-11-06	17:40	05-11-06	18:35	3342	3343	FRA	FRA	321	D-WRX	83	176	✓	I	S	P	145	104	662	1460	2122	3	0.00	50.00	690.00		18.00	795.00		

The detailed invoice report is aimed to provide as enough information as to enable the accountant make his/her final checks about the due service forms on the potential invoice. Therefore, this report is interactive: double clicking on a line will bring the due service charge form screen.

11.3.4 Potential Invoice

Comp	Pck	Svc	Description (ENG)	Description (TRK)	A/P	Qty	Unit	Amount	VAT Rate	Total	Curr	New VAT
SAM	ASR	ASR	Airport Slot Change Revise	Alan Slotu Değişiklik Başvurusu	IST	2.00	UNIT	40.00	0	40.00	EUR	
SAM	DCD	DCD	Celebi DCS Check-In Documenta	Çelebi DCS Check-In Evrağı	IST	2.00	UNIT	22.56	0	22.56	EUR	
SAM	DCS	DCS	DCS Check-In	DCS Check-In	IST	2.00	UNIT	94.00	0	94.00	EUR	
SAM	DMG	DMG	Document Match at Boarding Gal	Boarding Kapısında Evrak Eşleştir	IST	2.00	UNIT	40.00	0	40.00	EUR	
SAM	HDS	HDS	Headset	Headset	IST	2.00	UNIT	0.00	0	0.00	EUR	
SAM	LOP	LOP	Load Control & Communication	Yük Kontrolü ve Haberleşme	IST	2.00	UNIT	75.00	0	75.00	EUR	
SAM	P/B	P/B	Pushback	Pushback	IST	2.00	UNIT	100.00	0	100.00	EUR	
SAM	RMP	RMP	Ramp	Ramp	IST	2.00	UNIT	1,835.00	0	1,835.00	EUR	
SAM	RPS	RPS	Representation Service	Temsil Bedeli	IST	2.00	UNIT	160.00	0	160.00	EUR	
SAM	TRF	TRF	Passenger & Baggage Service	Yolcu ve Bagaj Hizmeti	IST	2.00	UNIT	845.00	0	845.00	EUR	
SAM	W/C	W/C	Wheel Chair	Tekerlekli Sandalye	IST	1.00	UNIT	10.00	0	10.00	EUR	
										3,221.56		3,221.56

Potential Invoice

Detailed Report

Report Type

Price

Qty, Price

Price, Ext Price

Ordering

SCF Date

SCF No

VAT

Included

Excluded

Invoice Serial - NO

Curr

Approve Invoice

The potential invoice area shows what could the invoice be like if this potential invoice is approved.

There are certain actions that can be done before approving this invoice. One of the actions is change the vat rate for a service. Although the VAT rates are predefined and calculated accordingly by Celebris, it is possible to override the vat rate here. In order to override a vat rate, a new percent value could be entered in the new vat section of the service line and then the potential invoice button can be pressed again.

Another action that can be done is to change the currency of the potential invoice. The invoice currency is determined by Celebris using the initial agreements for the requested company. However, there can be times, when there is a need of approving an invoice in a different currency. To do that, the Curr element in the right-down side of the screen is provided with the new currency value and then the potential invoice button can be pressed again. Consider the following screenshot for the same potential invoice after the invoice currency is changed to USD from EUR:

Comp	Pck	Svc	Description (ENG)	Description (TRK)	A/P	Qty	Unit	Amount	VAT Rate	Total	Curr	New VAT
SAM	ASR	ASR	Airport Slot Change Revise	Alan Slotu Değişiklik Başvurusu	IST	2.00	UNIT	50.96	0	50.96	USD	
SAM	DCD	DCD	Celebi DCS Check-In Documenta	Çelebi DCS Check-In Evrağı	IST	2.00	UNIT	28.76	0	28.76	USD	
SAM	DCS	DCS	DCS Check-In	DCS Check-In	IST	2.00	UNIT	119.82	0	119.82	USD	
SAM	DMG	DMG	Document Match at Boarding Gal	Boarding Kapısında Evrak Eşleştir	IST	2.00	UNIT	50.99	0	50.99	USD	
SAM	HDS	HDS	Headset	Headset	IST	2.00	UNIT	0.00	0	0.00	USD	
SAM	LOP	LOP	Load Control & Communication	Yük Kontrolü ve Haberleşme	IST	2.00	UNIT	95.60	0	95.60	USD	
SAM	P/B	P/B	Pushback	Pushback	IST	2.00	UNIT	127.39	0	127.39	USD	
SAM	RMP	RMP	Ramp	Ramp	IST	2.00	UNIT	2,339.27	0	2,339.27	USD	
SAM	RPS	RPS	Representation Service	Temsil Bedeli	IST	2.00	UNIT	203.82	0	203.82	USD	
SAM	TRF	TRF	Passenger & Baggage Service	Yolcu ve Bagaj Hizmeti	IST	2.00	UNIT	1,077.16	0	1,077.16	USD	
SAM	W/C	W/C	Wheel Chair	Tekerlekli Sandalye	IST	1.00	UNIT	12.70	0	12.70	USD	
										4,106.47		4,106.47

Potential Invoice

Detailed Report

Report Type

Price

Qty, Price

Price, Ext Price

Ordering

SCF Date

SCF No

VAT

Included

Excluded

Invoice Serial - NO

A 0011223344

Curr

Approve Invoice

Also, it would be possible to change the look of this invoice before approving. On the top of the potential invoice area there are three different formats that can be chosen:

- Royalty Excluded
- Royalty Included
- Acc.to Pricing

Let us consider the following royalty excluded format in the default EUR currency:

Comp	Pck	Svc	Description (ENG)	Description (TRK)	A/P	Qty	Unit	Amount	VAT Rate	Total	Curr	New VAT
SAM	ASR	Airport Slot Change Revise	Alan Slotu Değişiklik Başvurusu	IST	2.00	UNIT	40.00	0	40.00	EUR		
SAM	DCD	Celebi DCS Check-In Documenta	Çelebi DCS Check-In Evrağı	IST	2.00	UNIT	22.56	0	22.56	EUR		
SAM	DCS	DCS Check-In	DCS Check-In	IST	2.00	UNIT	94.00	0	94.00	EUR		
SAM	DMG	Document Match at Boarding Gal	Boarding Kapısında Evrak Eşleştir	IST	2.00	UNIT	40.00	0	40.00	EUR		
SAM	HDS	Headset	Headset	IST	2.00	UNIT	0.00	0	0.00	EUR		
SAM	LOP	Load Control & Communication	Yük Kontrolü ve Haberleşme	IST	2.00	UNIT	63.00	0	63.00	EUR		
SAM	P/B	Pushback	Pushback	IST	2.00	UNIT	100.00	0	100.00	EUR		
SAM	RMP	Ramp	Ramp	IST	2.00	UNIT	1,620.00	0	1,620.00	EUR		
SAM	RPS	Representation Service	Temsil Bedeli	IST	2.00	UNIT	150.00	0	150.00	EUR		
SAM	TRF	Passenger & Baggage Service	Yolcu ve Bagaj Hizmeti	IST	2.00	UNIT	739.00	0	739.00	EUR		
SAM	W/C	Wheel Chair	Tekerlekli Sandalye	IST	1.00	UNIT	10.00	0	10.00	EUR		
DHMI	TRFR	Traffic Royalty	Trafik hizmeti verebilme hakkı	IST	2.00	UNIT	106.00	0	106.00	EUR		
DHMI	RPSR	Representation Royalty	Temsil hizmeti verebilme hakkı	IST	2.00	UNIT	10.00	0	10.00	EUR		
DHMI	RMPR	Ramp Royalty	Uçak altı hizmeti verebilme hakkı	IST	2.00	UNIT	215.00	0	215.00	EUR		
DHMI	LOCR	Load Control Royalty	Yük kontrolü ve haberleşme hizm	IST	2.00	UNIT	12.00	0	12.00	EUR		
								3,221.56		3,221.56		

As you can see, the accountant has all the tools and flexibility before finalizing an invoice. Celebris pre calculates every detail as indicated in the agreements. But it then gives flexibility to the user to change just anything before finalizing the invoice. The invoice generation part is one of the best loved parts of Celebris as a result of this great flexibility.

11.3.5 Finalizing The Invoice

When we are done checking the potential invoice, detailed report, empty price calculations error report etc., we are ready to finalize this invoice. To finalize an invoice we have to enter the invoice number in the bottom down area of the screen:

Invoice Serial - NO	
A	1234567890
Curr	
Approve Invoice	

Providing no currency will approve the invoice using the default currency. After approval, Celebris will generate an invoice and will ask the accountant whether he/she wants to open the invoice screen for the newly generated invoice.

Invoice Generated	
?	Do you want to open the invoice screen?
Yes	No

Pressing yes will open the invoice screen for the recently generated invoice.

11.4 Invoice

The screenshot shows the 'Invoice' application window. It is divided into several sections:

- Header:** Contains fields for Invoice Serial/No (1234567890), Status (Approved), Invoice Date (15/11/2006), PayDt (06/12/2007), Invoice Type (HF), Currency (EUR - Euro), Legacy Code (1-Tarifeli), Company (DLH : LUFTHANSA), Transfer Code (DLH-00), Person, Cost Center (IST), Representative, Payment Type (CRED), Description (Following services have been provided between 2006/11/1 - 2006/11/15 at IST), and Native Descr (IST Atatürk havalimanında 1/11/2006 - 15/11/2006 arasında ekli listeye göre v).
- Printing Related:** Includes a dropdown for Adres 2 (DLH - DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT, Büyükdere Cad.122, Özsezen İş Merkezi, C Blok Kat:5, Zincirlikuyu, İstanbul, 80280 Turkey, Ulaştırma / 6090025320), buttons for Enter Address, Show Address, and Choose Printer, and radio buttons for Native, English, and Both. A 'Print Officially' button is also present.
- Report Type:** Includes a 'Detailed Report' button and radio buttons for Price, Qty, Price, and Price, Ext. Price.
- Ordering:** Includes radio buttons for SCF Date and SCF No.
- VAT:** Includes radio buttons for Included and Excluded.
- Detail:** A table with columns: Seq, Description, Descr Native, Qty, Unit, Unit Price, Total, Vat, Summary, Acc Code, and Cost C. The table contains 7 rows of data and a Grand Sum row.

Seq	Description	Descr Native	Qty	Unit	Unit Price	Total	Vat	Summary	Acc Code	Cost C.
1	Load Control & Communication	Yük Kontrolü ve Haberleşme	3	UNIT	42.00	126.00	0.0	126.00	601010115	ISTRP
2	Pushback	Pushback	57	UNIT	51.05	2,910.00	0.0	2,910.00	601010108	ISTRP
3	Apron Transportation - PAX	Apron İçi Yolcu Taşıma	3	UNIT	61.00	183.00	0.0	183.00	601010113	ISTRP
4	Ramp	Ramp	58	UNIT	485.34	28,150.00	0.0	28,150.00	601010101	ISTRP
5	Wheel Chair	Tekerlekli Sandalye	80	UNIT	6.00	480.00	0.0	480.00	601010150	ISTRP
6	Load Control Royalty	Yük kontrolü ve haberleşme hizmet	3	UNIT	6.00	18.00	0.0	18.00	601010115	ISTRP
7	Ramp Royalty	Uçak altı hizmeti verebilme hakkı	59	UNIT	110.00	6,490.00	0.0	6,490.00	601010101	ISTRP
Grand Sum								38,357.00		

The invoice screen consists of the invoice header, detail, printing related information and a utility to get detailed service form report for an invoice.

In the header section, the invoice serial number, date, payment date, company or person, representative (if any), description, the 3rd party general ledger invoice type, legacy code, 3rd party accounting transfer code, cost center and payment type information can be found. Cost center is by default the airport code used to create this invoice.

The detail section includes the sequence, description, quantity, unit, unit price, total value excluding vat, vat rate, total value including vat, 3rd party general ledger software accounting code, and cost center information.

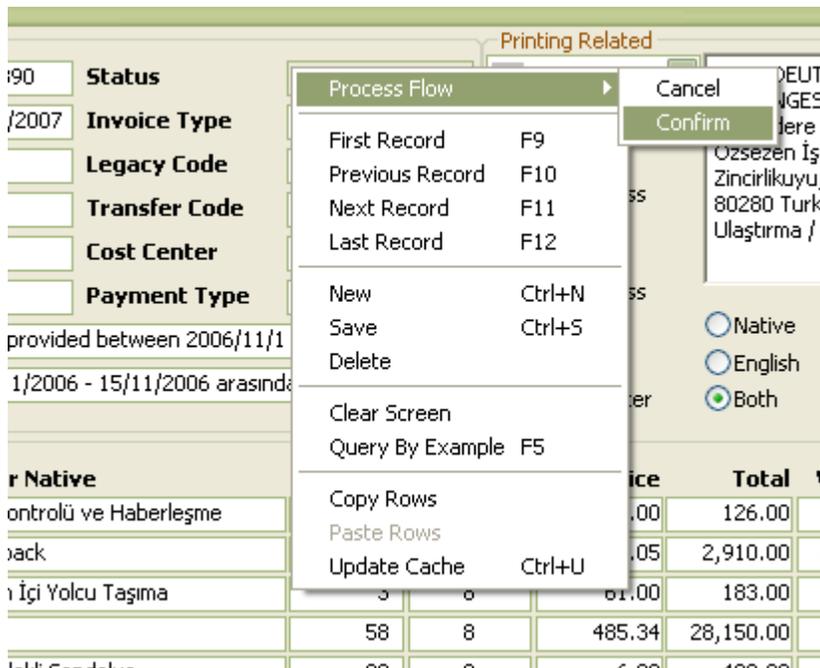
In the printing related area, pressing the Enter address button will open the company screen with invoice address tab opened. In the company screen it will be possible to enter or change the invoice address. If this button is pressed and the invoice address is changed, Show address button can be pressed to update the address shown in the screen. This address will be printed to the invoice.

Choose printer button brings a list of previously defined invoice printers. The selectable printers are defined by an initialization text file in the users computer. So, it is possible to make a local setup for the selectable printers. One of the selectable printers is set as the default invoice printing printer.

The native, English and both selection has an impact on the printed invoice.

It is possible to get a detailed invoice report that is similar to the detailed potential invoice report. Please see the [Detailed Invoice Report](#).

The Print command button becomes active when the status of the invoice is confirmed by the accounting administrative user. After the last controls that this invoice is ok, the confirmation is performed using right-click on top of the status area and choosing 'Confirm' action from the context sensitive menu.



When confirmed, the details of the invoice is ready to be transferred to the 3rd party general ledger software. Celebris currently supports online transfer to SAP systems using the SAP interface. Other online and offline transfers are to be implemented according to customer needs.

11.5 Detailed Invoice Report

The detailed invoice report is very much similar to the potential invoice detail report, but unlike the prior, it is requested for an invoice and lists the services belonging to the service charge forms included in that invoice.

It's filter is located at the top-right corner of the invoice screen:



The following snap shot image belong to a the invoice detail report:

Invoice Details

Filter Preview Print Export Excel Royalty Excluded Royalty Included According to Pricing W/352 L/278 pg

INVOICE DETAILS - EUR Series Code : A Company : DLH - LUFTHANSA
 Invoice No : 123456789 Representative :

Following services have been provided between 2006/11/1 - 2006/11/15 at IST Atatürk airport as per attached list.

Air	COMP	COMP	Repr	SCF No	Arrival	Elia	Dept	Elia	Arrival	Dept	Prim	To	Model	Reg	Nbr	Seal	Src	T	D	S	Lead	Pax	Pax	Cargo	Cargo	Cargo	Cargo	HDS	LOP	PIB	PAX	RMP	RMPR
Date	Code	Name			Date	On	Off	Off	F.No	F.No							F	I	C		In	Out	In	Out	Tot	Tot							
IST	DLH	LUFTHANSA		2156312	31-10-06	23:52	01-11-06	04:06	3344	3345	FRA	FRA	AB6	D-WAL	150	271	✓	I	S	P	167	217	10636	4120	14056	15	0.00		00.00		1,057.50		
IST	DLH	LUFTHANSA		2156313	31-10-06	21:00	01-11-06	06:17	3352	3353	MUC	MUC	320	D-WPS	73.5	142	✓	I	S	P	120	104	328	0	328	1	0.00		50.00		675.00		
IST	DLH	LUFTHANSA		2156338	01-11-06	11:20	01-11-06	12:00	3340	3341	FRA	FRA	320	D-WQM	73.5	150	✓	I	S	P	142	162	120	615	735	1	0.00		50.00	61.00	450.00		
IST	DLH	LUFTHANSA		2156339	01-11-06	13:10	01-11-06	14:20	3350	3351	MUC	MUC	321	D-WRR	83	176	✓	I	S	P	141	159	61	360	421	1	0.00		50.00		460.00		
IST	DLH	LUFTHANSA		2156340	01-11-06	15:22	01-11-06	16:10	3342	3343	FRA	FRA	321	D-WSP	89	176	✓	I	S	P	140	158	1315	1725	3040	4	0.00		50.00		460.00		
IST	DLH	LUFTHANSA		2156343	02-11-06	00:05	02-11-06	03:58	3344	3345	FRA	FRA	320	D-WQA	73.5	142	✓	I	S	P	131	142	2284	610	2094	3	0.00		50.00		475.00		
IST	DLH	LUFTHANSA		2156349	01-11-06	20:35	02-11-06	06:16	3352	3353	MUC	MUC	320	D-WQU	73.5	142	✓	I	S	P	136	131	303	1245	2220	3	0.00		50.00		475.00		
IST	DLH	LUFTHANSA		2156352	02-11-06	10:52	02-11-06	11:46	3340	3341	FRA	FRA	321	D-WRC	83	176	✓	I	S	P	177	159	710	1045	2555	3	0.00		50.00		460.00		
IST	DLH	LUFTHANSA		2156353	02-11-06	13:35	02-11-06	14:20	3350	3351	MUC	MUC	321	D-WRS	83	176	✓	I	S	P	120	103	432	700	1212	2	0.00		50.00		460.00		
IST	DLH	LUFTHANSA		2156354	02-11-06	15:27	02-11-06	16:20	3342	3343	FRA	FRA	321	D-WSP	89	176	✓	I	S	P	176	174	1909	1070	3779	4	0.00		50.00		460.00		
IST	DLH	LUFTHANSA		2156356	02-11-06	23:55	03-11-06	03:55	3344	3345	FRA	FRA	320	D-WQC	73.5	142	✓	I	S	P	94	146	390	1603	1993	2	0.00		50.00		475.00		
IST	DLH	LUFTHANSA		2156367	02-11-06	20:50	03-11-06	06:20	3352	3353	MUC	MUC	320	D-WPH	72.5	142	✓	I	S	P	104	140	782	530	1312	2	0.00		50.00		475.00		
IST	DLH	LUFTHANSA		2156105	03-11-06	10:55	03-11-06	11:46	3340	3341	FRA	FRA	320	D-WQC	73.5	142	✓	I	S	P	140	172	400	310	1310	2	0.00		50.00		450.00		
IST	DLH	LUFTHANSA		2156121	03-11-06	13:10	03-11-06	14:20	3350	3351	MUC	MUC	321	D-WRP	83	176	✓	I	S	P	127	172	175	2040	3015	4	0.00		50.00		460.00		
IST	DLH	LUFTHANSA		2156163	03-11-06	15:28	03-11-06	16:20	3342	3343	FRA	FRA	321	D-WRK	83	176	✓	I	S	P	140	165	1577	1430	3007	4	0.00		50.00		460.00		
IST	DLH	LUFTHANSA		215390	03-11-06	23:55	04-11-06	03:55	3344	3345	FRA	FRA	321	D-WSB	89	176	✓	I	S	P	135	130	0	1365	1365	2	0.00		50.00		690.00		
IST	DLH	LUFTHANSA		2156339	03-11-06	22:35	04-11-06	06:20	3352	3353	MUC	MUC	320	D-WQU	73.5	142	✓	I	S	P	114	144	1425	1400	2905	3	0.00		50.00		475.00		
IST	DLH	LUFTHANSA		2156512	04-11-06	11:25	04-11-06	12:00	3340	3341	FRA	FRA	320	D-WQE	73.5	142	✓	I	S	P	121	140	325	345	1270	2	0.00		50.00		475.00		
IST	DLH	LUFTHANSA		2156513	04-11-06	13:05	04-11-06	14:20	3350	3351	MUC	MUC	321	D-WRN	83	176	✓	I	S	P	137	105	235	700	1015	2	0.00		50.00		690.00		
IST	DLH	LUFTHANSA		2156514	04-11-06	15:26	04-11-06	16:20	3342	3343	FRA	FRA	321	D-WRH	83	176	✓	I	S	P	131	134	1440	600	2120	3	0.00		50.00		690.00		
IST	DLH	LUFTHANSA		2156519	04-11-06	23:50	05-11-06	03:55	3344	3345	FRA	FRA	321	D-WRD	83	176	✓	I	S	P	119	172	1040	0	1040	2	0.00		50.00		690.00		

The invoice detail report's printout is usually attached to the invoices when sending them to the appropriate companies.

11.6 Offline Data Transfer

Although Celebris can produce invoices, it is not a general ledger application and the accounting of the confirmed invoices is to be tracked using a 3rd party general ledger software. Currently Celebris supports online transfer to SAP systems as the 3rd party general ledger software and more 3rd party online support is to be implemented according to the customer needs.

However, using the offline report here, customers can use the built-in mechanism to transfer invoice data to the external systems, hence removing the need to support online transfer. But, it is not recommended to use offline transfers since in time it can cause inconsistencies in Celebris and the 3rd party general ledger software data if not used in a periodically and carefully.

Offline Invoice Transfer

Aktarım Filtresi

Airport IST - Atatürk **Inv Type** **Dates** 01/11/2006 15/11/2006 **VAT Amounts** included excluded 

Company **Inv Serial** **Inv No**

Report only the 'not-transferred' invoices

Invoices **Service Forms**

Lin	Inv9	Invdate	Invtime	Comp	Curr	DR	Mon	Paydate	Description	St.	Amt	Und	Eur	Try Cost	Type	Cost	X	Yat	Qty	Unit	Pay	Co	
01	234567890	20061115	20071116	CHS	EUR	DR	11	20071206	567890 DLH-00 IST 01-15/11/2006	IST	30,357.00	46,999.75	35,357.00	71,349.70	DLH-00	HF			0			CRED	LU
50	234567890			CHS					567890 DLH-00 IST 01-15/11/2006 Ramp Royalty	IST	6,490.00	8,289.95	6,490.00	12,069.04	DLH-00	ISTRP			0	59.00	UNIT		
50	234567890			CHS					567890 DLH-00 IST 01-15/11/2006 Load Control I	IST	18.00	23.16	18.00	33.53	DLH-00	ISTRP			0	3.00	UNIT		
50	234567890			CHS					567890 DLH-00 IST 01-15/11/2006 Wheel Chair	IST	480.00	612.62	480.00	893.34	DLH-00	ISTRP			0	80.00	UNIT		
50	234567890			CHS					567890 DLH-00 IST 01-15/11/2006 Load Control	IST	126.00	162.13	126.00	234.72	DLH-00	ISTRP			0	3.00	UNIT		
50	234567890			CHS					567890 DLH-00 IST 01-15/11/2006 Pushback	IST	2,910.00	3,716.42	2,910.00	5,411.16	DLH-00	ISTRP			0	57.00	UNIT		
50	234567890			CHS					567890 DLH-00 IST 01-15/11/2006 Apron Transp	IST	183.00	233.21	183.00	339.75	DLH-00	ISTRP			0	3.00	UNIT		
50	234567890			CHS					567890 DLH-00 IST 01-15/11/2006 Ramp	IST	28,150.00	35,962.26	28,150.00	52,368.16	DLH-00	ISTRP			0	58.00	UNIT		
01	234567891	20061110	20071116	CHS	EUR	DR	11	20071204	567891 KQ-00 IST 01-15/11/2006	IST	2,495.00	3,189.91	2,495.00	4,668.41	KQ-00	HF			0			CRED	KE
50	234567891			CHS					567891 KQ-00 IST 01-15/11/2006 Ramp Royalty	IST	50.00	63.93	50.00	92.66	KQ-00	ISTRP			0	1.00	UNIT		
50	234567891			CHS					567891 KQ-00 IST 01-15/11/2006 Wheel Chair	IST	10.00	12.77	10.00	18.64	KQ-00	ISTRP			0	1.00	UNIT		
50	234567891			CHS					567891 KQ-00 IST 01-15/11/2006 Passenger &	IST	760.00	978.46	760.00	1,420.59	KQ-00	ISTRP			0	2.00	UNIT		
50	234567891			CHS					567891 KQ-00 IST 01-15/11/2006 Ramp	IST	1,500.00	1,915.43	1,500.00	2,803.80	KQ-00	ISTRP			0	2.00	UNIT		
50	234567891			CHS					567891 KQ-00 IST 01-15/11/2006 Pushback	IST	100.00	127.70	100.00	186.92	KQ-00	ISTRP			0	2.00	UNIT		
50	234567891			CHS					567891 KQ-00 IST 01-15/11/2006 Load Control	IST	48.00	61.29	48.00	89.72	KQ-00	ISTRP			0	2.00	UNIT		
50	234567891			CHS					567891 KQ-00 IST 01-15/11/2006 Document Me	IST	30.00	38.31	30.00	56.08	KQ-00	ISTRP			0	2.00	UNIT		

Page 1 of 1

Using the filter the desired transfer range can be specified. Not-transferred invoices means the invoices not yet confirmed. Once confirmed, an invoice is considered to be ready to be transferred.



button can be used to export the contents of the transfer report to excel, xml, text, html, etc.

In the Service Forms tab, the external services in the invoice range is reported.

11.7 Accounting Reports

11.7.1 Fuel Report

This is the report where information about the fuel services given are reported for consolidation with invoices from external companies that actually provide the fuel.

Filter:

Fuel Report Filter

Airport

Form Dates -

Local UTC

Airline

Company

Repr

Invoice? Only Invoiced Forms
 All Forms

SCF No

Order By Representative
 Company
 Airport

Form Type Landed Normal
 Landed Extra
 Ground

Sample screenshot:

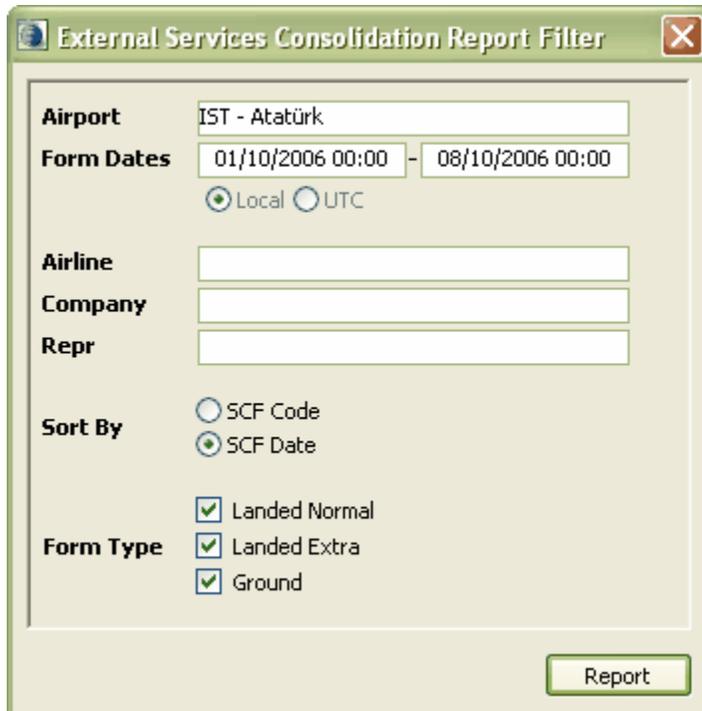
Fuel Report Page 2 / 2

SAMPLE COMPANY **Airport** IST - Atatürk **Company** All Companies
Dates 01/10/2006 00:00 - 01/11/2006 00:00 (local) **Repr** All Representatives

AP	SCF Date	SCF No	Company	RP Frm	To	AC Reg	Arr FLNo	Dep FLNo	SVC	Amount LT	Amount US Gal.	Amount UK Gal.	Price Cur	Unit Price LT	Unit Price US Gal.	Unit Price UK Gal.	Ext	External Doc.No	Invoice No	Inv Date
IST	23 Oct 10:41	234583	PAN - PAN HAVACIL	I-SRMD					FOL	1,001.0000	264.4362	220.1890	1,804.8030 USD	1.8030	6.8251	8.1966	Rec	222333	465944	27Oct
IST	24 Oct 10:45	234586	PAN - PAN HAVACIL	I-SRME					FOL	1,130.0000	298.5144	248.5650	2,037.3900 USD	1.8030	6.8251	8.1966	Rec	222498	465944	27Oct
IST	24 Oct 10:45	234586	PAN - PAN HAVACIL	I-SRME					FOL	1,127.0000	297.7218	247.9051	2,031.9810 USD	1.8030	6.8251	8.1966	Rec	222499	465944	27Oct
IST	25 Oct 10:48	234584	PAN - PAN HAVACIL	I-SRMD					FOL	973.0000	257.0394	214.0298	1,754.3190 USD	1.8030	6.8251	8.1966	Rec	222890	465944	27Oct
IST	25 Oct 10:48	234584	PAN - PAN HAVACIL	I-SRMD					FOL	754.0000	199.1857	165.8566	1,359.4620 USD	1.8030	6.8251	8.1966	Rec	222891	465944	27Oct
IST	26 Oct 10:49	234583	PAN - PAN HAVACIL	I-SRME					FOL	1,333.0000	352.1413	293.2187	2,403.3990 USD	1.8030	6.8251	8.1966	Rec	223133	465944	27Oct
IST	26 Oct 10:49	234583	PAN - PAN HAVACIL	I-SRME					FOL	1,022.0000	269.9838	224.8083	1,842.6660 USD	1.8030	6.8251	8.1966	Rec	223134	465944	27Oct
IST	27 Oct 09:16	234591	PAN - PAN HAVACIL	I-SRMD					FOL	907.0000	239.6040	199.5119	1,635.3210 USD	1.8030	6.8251	8.1966	Rec	223313	465950	31Oct
IST	28 Oct 09:15	234592	PAN - PAN HAVACIL	I-SRMD					FOL	1,741.0000	459.9235	382.9660	3,139.0230 USD	1.8030	6.8251	8.1966	Rec	223746	465950	31Oct
IST	30 Oct 09:24	234594	PAN - PAN HAVACIL	I-SRME					FOL	2,487.0000	656.9958	547.0629	4,484.0610 USD	1.8030	6.8251	8.1966	Rec	224323	465966	30Oct
IST	30 Oct 09:24	234594	PAN - PAN HAVACIL	I-SRME					FOL	932.0000	262.0586	218.2092	1,788.5760 USD	1.8030	6.8251	8.1966	Rec	224324	465966	30Oct
IST	23 Oct 10:42	234588	RKS - RIKSOS YATCI 07	TC-RKS					FUEL	1,000.0000	264.1720	219.9690	1,046.4000 TRY	1.0464	3.9611	4.7570	Rec	222344	465937	27Oct
IST	01 Oct 21:00	234224	RKS - RIKSOS YATCI 07	TC-RKS					FUT	3,100.0000	818.9332	681.9039	1,791.4900 USD	.5779	2.1876	2.6272	Rec	216620	465899	10Oct
IST	07 Oct 08:05	234660	RKS - RIKSOS YATCI 07	TC-RKS					FUT	2,830.0000	747.6068	622.5123	1,635.4670 USD	.5779	2.1876	2.6272	Rec	217999	465899	10Oct
IST	03 Oct 09:30	234234	TJK - TAJIKISTAN AI 38						FUT	30,200.0000	7,977.9944	6,643.0638	18,047.5200 USD	.5976	2.2622	2.7167	Rec	216822	465898	10Oct
IST	03 Oct 09:30	234234	TJK - TAJIKISTAN AI 38						FUT	25,820.0000	6,820.9210	5,679.5996	15,430.0320 USD	.5976	2.2622	2.7167	Rec	216944	465898	10Oct
IST	10 Oct 07:53	234556	TJK - TAJIKISTAN AI 38						FUT	26,500.0000	7,000.5580	5,829.1785	15,836.4000 USD	.5976	2.2622	2.7167	Rec	218788	465928	19Oct
IST	10 Oct 07:53	234556	TJK - TAJIKISTAN AI 38						FUT	28,300.0000	7,476.0676	6,225.1227	16,912.0800 USD	.5976	2.2622	2.7167	Rec	218679	465928	19Oct
IST	17 Oct 08:31	234570	TJK - TAJIKISTAN AI 38						FUT	30,000.0000	7,925.1600	6,599.0700	17,928.0000 USD	.5976	2.2622	2.7167	Rec	220535	465928	19Oct
IST	17 Oct 08:31	234570	TJK - TAJIKISTAN AI 38						FUT	23,800.0000	6,287.2936	5,235.2622	14,222.8800 USD	.5976	2.2622	2.7167	Rec	220691	465928	19Oct
IST	24 Oct 10:44	234587	TJK - TAJIKISTAN AI 38						FUT	28,200.0000	7,449.6504	6,203.1258	16,852.3200 USD	.5976	2.2622	2.7167	Rec	222557	465934	27Oct
IST	24 Oct 10:44	234587	TJK - TAJIKISTAN AI 38						FUT	25,200.0000	6,657.1344	5,543.2188	15,059.5200 USD	.5976	2.2622	2.7167	Rec	222689	465934	27Oct
IST	21 Oct 02:20	2154226	VC - OCEAN AIRLINE 45	LUX SAW	I-OCEA	908	908		FUT	13,266.0000	3,504.5058	2,910.1088	7,509.8826 USD	.5661	2.1429	2.5735			465969	31Oct
Summary:										301,529.0000	79,655.5191	66,327.0328								

11.7.2 External Services Consolidation Report

This report is used by the accounting department as a helper to consolidate the external services bought by the handling company. The report filter:



The screenshot shows a dialog box titled "External Services Consolidation Report Filter". It contains the following fields and options:

- Airport:** IST - Atatürk
- Form Dates:** 01/10/2006 00:00 - 08/10/2006 00:00
- Time Zone:** Local UTC
- Airline:** (empty text box)
- Company:** (empty text box)
- Repr:** (empty text box)
- Sort By:** SCF Code SCF Date
- Form Type:** Landed Normal Landed Extra Ground
- Report:** (button)

Sample screenshot:

External Services Consolidation Report												
SAMPLE COMPANY												
External Services Consolidation Report												
Page 1 / 2												
Airport IST - Atatürk												
Dates 01/10/2006 00:00 - 08/10/2006 00:00 (local)												
Company All Companies												
Repr All Representatives												
AP	SCF No	SCF Date	Comp	SVC	Inv Val	Inv Curr	Ext Val	Ext Curr	Ext Doc No	Ext Doc Type	Ext Comp	Inv No
IST	2151578	01-Oct 01:45	BPS-BUDAPEST AIRCRAFT	DHM	309.00	EUR	309.00	EUR	003049	Invoice	DHMI	486392
				DHMC	6.18	EUR						486392
IST	2151698	02-Oct 02:10	BPS-BUDAPEST AIRCRAFT	DHM	309.00	EUR	309.00	EUR	003069	Invoice	DHMI	486392
				DHMC	6.18	EUR						486392
IST	2151784	02-Oct 20:25	KQA-KENYA AIRWAYS Ltd	DHM	860.00	EUR	860.00	EUR	003093	Invoice	DHMI	486441
				DHMC	86.00	EUR						486441
IST	2151821	03-Oct 02:00	BPS-BUDAPEST AIRCRAFT	DHM	309.00	EUR	309.00	EUR	003096	Invoice	DHMI	486392
				DHMC	6.18	EUR						486392
IST	2151885	03-Oct 16:30	RAM-ROYAL AIR MAROC	TAV	1,332.45	EUR	150.00	EUR	3025752	Invoice	TAV	486442
				TAVC	133.25	EUR	1,500.00	USD	3025824	Invoice	TAV	486442
IST	2151941	04-Oct 02:00	BPS-BUDAPEST AIRCRAFT	DHM	309.00	EUR	309.00	EUR	003119	Invoice	DHMI	486392
				DHMC	6.18	EUR						486392
IST	2152055	05-Oct 02:10	BPS-BUDAPEST AIRCRAFT	DHM	309.00	EUR	309.00	EUR	003146	Invoice	DHMI	486392

11.7.3 Invoice Summary Report

Invoice Summary Report is used by the accounting department to track the prepared and sent invoices and their payments. Here is the report's filter:

Invoice Summary Report Filter			
Invoice Dates	01/10/2006 - 08/10/2006 <i>(Local, 1st date inclusive, 2nd date exclusive)</i>	Report Method	<input type="radio"/> Only the Selected Currency <input checked="" type="radio"/> All Currencies Converted to the Selected Currency <input type="radio"/> No conversion
Airport	IST - Atatürk	Currency	EUR - Euro
Company		Financial Institution	TCMB
Representative		Rate Conversion	Buy
			Report

If the "only the selected currency" is selected then the filter looks like:

Invoice Summary Report Filter

Invoice Dates 01/10/2006 - 08/10/2006
(Local, 1st date inclusive, 2nd date exclusive)

Report Method
 Only the Selected Currency
 All Currencies Converted to the Selected Currency
 No conversion

Airport IST - Atatürk
Company
Representative

Currency EUR - Euro

Report

And finally if no conversion is selected then the filter becomes like:

Invoice Summary Report Filter

Invoice Dates 01/10/2006 - 08/10/2006
(Local, 1st date inclusive, 2nd date exclusive)

Report Method
 Only the Selected Currency
 All Currencies Converted to the Selected Currency
 No conversion

Airport IST - Atatürk
Company
Representative

Currency
Financial Institution
Rate Conversion

Report

So it is possible to retrieve the invoice summary in the desired currency and conversion type. Here is a sample screenshot from the report:

Invoice Summary Report

Filter Preview Print Export Excel HTML-Excel

SAMPLE COMPANY (All Invoices)

Dates: 01/10/2006 00:00 - 08/10/2006 00:00 (local) Page 1 / 2
Airport: IST - Atatürk
Company: All Companies
Repr: All Representatives

Comp Code	Repr	Company Name	PType	T	Period	Send Type	A/P	Last Off Date	Invoice Date	Invoice Prep Date	Invoice Send Date	Invoice No	Amount	Curr Type	Description
AYZ	OLİMPİK	ATLANT-SOYUZ AIRLIN	CASH	HF	0		IST		01.10.2006	12.10.2006		349998	2,436.86	EUR	
AYZ	OLİMPİK	ATLANT-SOYUZ AIRLIN	CASH	HF	0		IST		01.10.2006	12.10.2006		349999	30.00	EUR	
NLK	OLİMPİK	ELBRUS-AVIA	CASH	HF	0		IST		01.10.2006	12.10.2006		350000	1,903.49	EUR	
NLK	OLİMPİK	ELBRUS-AVIA	CASH	HF	0		IST		01.10.2006	12.10.2006		350001	30.00	EUR	
NLK	OLİMPİK	ELBRUS-AVIA	CASH	HF	0		IST		01.10.2006	12.10.2006		350002	35.40	EUR	
UKM	TREK	UKRAINIAN MEDITERR.	CASH	HF	0		IST		02.10.2006	12.10.2006		350004	1,666.44	EUR	
ADISP		corporate jets	CASH	HF	0		IST		02.10.2006	27.10.2006		350003	35.40	EUR	
ADISP		corporate jets	CASH	HF	0		IST		03.10.2006	12.10.2006		350005	342.50	EUR	
AYZ	OLİMPİK	ATLANT-SOYUZ AIRLIN	CASH	HF	0		IST		03.10.2006	12.10.2006		350008	40.00	EUR	
AEE	TREK	AGEAN AIRLINES S.A.	CASH	HF	0		IST		03.10.2006	12.10.2006		350006	1,819.20	EUR	
AYZ	OLİMPİK	ATLANT-SOYUZ AIRLIN	CASH	HF	0		IST		03.10.2006	12.10.2006		350007	1,706.82	EUR	
NLK	OLİMPİK	ELBRUS-AVIA	CASH	HF	1		IST		04.10.2006	12.10.2006		350009	1,377.20	EUR	
NLK	OLİMPİK	ELBRUS-AVIA	CASH	HF	1		IST		04.10.2006	12.10.2006		350010	30.00	EUR	
NLK	OLİMPİK	ELBRUS-AVIA	CASH	HF	1		IST		04.10.2006	12.10.2006		350011	17.70	EUR	
AYZ	OLİMPİK	ATLANT-SOYUZ AIRLIN	CASH	HF	1		IST		05.10.2006	12.10.2006		350012	3,418.36	EUR	
UKM	TREK	UKRAINIAN MEDITERR.	CASH	HF	0		IST		05.10.2006	12.10.2006		350014	1,526.48	EUR	
AYZ	OLİMPİK	ATLANT-SOYUZ AIRLIN	CASH	HF	1		IST		05.10.2006	12.10.2006		350013	60.00	EUR	
UKM	ADRIYATİK	UKRAINIAN MEDITERR.	CRED	HF	6		IST		07.10.2006	12.10.2006		486343	2,609.81	EUR	
WLG	FLY	VOLGA-AVIAEXPRESS C	CRED	HF	6		IST		07.10.2006	13.10.2006		486395	6,172.47	EUR	
BRS	CELEBİ HAVA SEİ BARIŞ UÇAKLA ZİRAİ İİ		CRED	HF	6		IST		07.10.2006	13.10.2006		486394	261.50	EUR	
BPS	ESTETİK YAYINC	BUDAPEST AIRCRAFT	ADVN	AL	6		IST		07.10.2006	13.10.2006		486392	2,304.18	EUR	
BPS	ESTETİK YAYINC	BUDAPEST AIRCRAFT	ADVN	HF	6		IST		07.10.2006	13.10.2006		486391	4,185.50	TRY	
IRK	FLY	KISH AIR	CRED	HF	6		IST		07.10.2006	13.10.2006		486382	1,815.12	EUR	
CPN	FLY	CASPIAN AIRLINES	CRED	HF	6		IST		07.10.2006	13.10.2006		486380	1,841.52	EUR	

11.7.4 Royalty Control Report

Royalty control report is used by the accounting department to track and check the royalty prices as calculated by the royalty pricing agreement. Here is the filter for the royalty control report:

Filter

A/L Rep Arr 01/10/2006 00:00 - 02/10/2006 00:00 Frm Fl AC Reg Area SCF No P C B F Operational
 A/P IST Cmp SAM Dep 01/10/2006 00:00 - 02/10/2006 00:00 To Fl AC Reg Pos Cancelled
 Deleted

Times Local UTC

Form Dates 01/10/2006 00:00 - 02/10/2006 00:00 Merge Flights
 Royalty Company DHMI - Devlet Hava Meydanları İşletmesi Per Landing
 Currency EUR - Euro
 Financial Institution TCMB
 Rate Conversion Buy

As you can see, the filter is very much like the [landings filter](#) but includes more selection fields. The additional selection fields are form dates, the royalty company (must be the airport authority company which is in charge at the selected airport), and currency conversion information fields. An option also exists whether to produce the report by merging flights or per landing.

Here are two sample screenshots from the produced reports, the first with merge landings selected, and the second per landing:

Screenshot 1 (merge landings) :

Royalty Control Report

SAMPLE COMPANY **DHMI - Devlet Hava Meydanları İşletmesi** **Airport :** IST - Atatürk **Page 1 / 3**
CONTROL REPORT - EUR - Euro **Airline :** All Airlines **Across 1 / 1**
Dates : 01/10/2006 00:00 - 02/10/2006 00:00 (local)

A/P	A/L	Şirket	Arr Fl	Dep Fl	Arr Reg	Dep Reg	Arr Model	Dep Model	Arr mtw	Dep mtw	Arr Seat	Dep Seat	Arr Typ	Dep Typ	Arr Date	Dep Date	From	To	Cargo In kg	Cargo Out kg	Ton %	SC	Tutar	LOCR	Tutar	RMPR	TRFR	Tutar	Toplam
EST	OHY	ONUR AIR Tasimacilik	8648		TC-ONT		AB4		165.0		317		Pax		01-Oct 01:45		BVJ		0	0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AZA	ALITALIA Lines Aenee	703	707	I-BER	I-BER	321	321	83.0	83.0	187	187	Pax	Pax	30-Sep 23:25	01-Oct 02:50	MXP	MXP	1062	996	3.05	12.0	6.0	115.0	56.0	88.5	189.0	189.0	
	KLM	KLM	1617	1610	PH-HX	PH-HX	738	738	73.7	73.7	174	174	Pax	Pax	30-Sep 22:00	01-Oct 02:55	AMS	AMS	243	899	2.05	8.0	6.0	115.0	56.0	88.5	185.0	185.0	
	OHY	ONUR AIR Tasimacilik	114	101	TC-OAD	TC-OAD	320	320	77.0	77.0	180	180	Pax	Pax	30-Sep 11:25	01-Oct 03:00	ZRH	DUS	0	0	0.05	0.0	3.0	57.5	28.0	88.5	88.5	88.5	
	DLH	LUFTHANSA	3344	3345	D-ABRL	D-ABRL	321	321	83.0	83.0	176	176	Pax	Pax	30-Sep 23:21	01-Oct 03:20	FRA	FRA	2285	0	3.05	12.0	0.0	115.0	0.0	88.5	127.0	127.0	
	KKK	ATLASJET HAVACILIK	124	219	TC-OGS	TC-OGS	752	752	100.0	100.0	200	200	Pax	Pax	30-Sep 15:05	01-Oct 03:45	HAM	MUC	0	0	0.05	0.0	3.0	68.0	34.0	88.5	105.0	105.0	
	KKK	ATLASJET HAVACILIK	140	203	TC-OGF	TC-OGF	320	320	77.0	77.0	180	180	Pax	Pax	30-Sep 10:23	01-Oct 03:50	HAI	STR	0	0	0.05	0.0	3.0	57.5	28.0	88.5	88.5	88.5	
	KKK	ATLASJET HAVACILIK	053	010	TC-ETD	TC-ETD	CR9	CR9	37.5	37.5	90	90	Pax	Pax	30-Sep 20:05	01-Oct 04:05	TDX	AYT	0	0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	KKK	ATLASJET HAVACILIK	4029	050	TC-ETC	TC-ETC	CR9	CR9	37.5	37.5	90	90	Pax	Pax	30-Sep 19:45	01-Oct 04:07	AQB	TDX	0	0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	KKK	ATLASJET HAVACILIK	5011	107	TC-OGK	TC-OGK	320	320	77.0	77.0	174	174	Pax	Pax	30-Sep 18:10	01-Oct 04:30	AYT	DUS	0	0	0.05	0.0	3.0	57.5	28.0	88.5	88.5	88.5	
	CSA	CSA Czech Airlines	434	435	OK-CGJ	OK-CGJ	734	734	65.0	65.0	144	144	Pax	Pax	30-Sep 19:45	01-Oct 04:42	PRG	PRG	0	3173	4.05	16.0	6.0	100.0	50.0	172.0	172.0		
	KKK	ATLASJET HAVACILIK	462	5022	TC-ETB	TC-ETB	CR9	CR9	37.5	37.5	90	90	Pax	Pax	01-Oct 01:50	01-Oct 05:05	FCO	AQB	0	0	0.05	0.0	1.5	16.0	8.0	25.5	25.5	25.5	
	KKK	ATLASJET HAVACILIK	793	793	TC-OGO	TC-OGO	320	320	77.0	77.0	174	174	Pax	Pax	01-Oct 06:05	01-Oct 05:35	AYT	TXL	0	140	1.05	4.0	6.0	115.0	28.0	88.5	153.0	153.0	
	DLH	LUFTHANSA	3352	3353	D-AMR	D-AMR	320	320	73.5	73.5	142	142	Pax	Pax	30-Sep 19:50	01-Oct 05:40	MUC	MUC	665	483	2.05	8.0	0.0	100.0	0.0	108.0	108.0	108.0	
	AFR	AFR FRANCE	2390	2391	F-GOXL	F-GOXL	320	320	73.0	73.0	159	159	Pax	Pax	30-Sep 20:15	01-Oct 06:15	CDG	CDG	439	0	1.05	4.0	6.0	115.0	0.0	125.0	125.0	125.0	
	OHY	ONUR AIR Tasimacilik	081	277	TC-OAU	TC-OAU	M83	M83	73.0	73.0	165	165	Pax	Pax	30-Sep 08:15	01-Oct 06:20	TDX	LYS	0	0	0.05	0.0	3.0	57.5	28.0	88.5	88.5	88.5	
	KKK	ATLASJET HAVACILIK	4015	076	TC-OGU	TC-OGU	319	319	70.0	70.0	144	144	Pax	Pax	01-Oct 06:10	01-Oct 07:20	AYT	KSY	0	0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NTR	TNT I.A.S.	381C	0028	OO-TZD	OO-TZD	ABX	ABX	165.0	165.0	0	0	Cargo	Cargo	30-Sep 07:12	01-Oct 07:35	ATH	LGG	0	19896	20.05	80.0	7.0	165.0	0.0	252.0	252.0	252.0	
	KKK	ATLASJET HAVACILIK	011	024	TC-ETD	TC-ETD	CR9	CR9	37.5	37.5	90	90	Pax	Pax	01-Oct 07:00	01-Oct 08:00	AYT	AQB	0	0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	BWG	BLUE WINGS AG	171	172	D-ANNA	D-ANNA	320	320	77.0	77.0	150	150	Pax	Pax	01-Oct 06:55	01-Oct 08:15	DUS	HAI	0	0	0.05	0.0	6.0	100.0	50.0	156.0	156.0	156.0	
	KKK	ATLASJET HAVACILIK	1015	1012	TC-OGV	TC-OGV	319	319	70.0	70.0	144	144	Pax	Pax	30-Sep 20:05	01-Oct 08:25	ECN	ECN	0	466	1.05	4.0	3.0	50.0	25.0	82.0	82.0	82.0	
	KKK	ATLASJET HAVACILIK	5023	012	TC-ETB	TC-ETB	CR9	CR9	37.5	37.5	90	90	Pax	Pax	01-Oct 07:30	01-Oct 08:55	AQB	AYT	0	0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	KKK	ATLASJET HAVACILIK	801		TC-OGB		752		108.9		219		Pax		01-Oct 08:58		IST		0	0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Screenshot 2 (per landing, per service charge form) :

Royalty Control Report

Filter Preview Print Export Excel HTML-Excel

SAMPLE COMPANY **DHMI - Devlet Hava Meydanları İşletmesi** **Airport :** IST - Atatürk **Page 1 / 4**
CONTROL REPORT - EUR - Euro **Airline :** All Airlines **Across 1 / 1**
Dates : 01/10/2006 00:00 - 02/10/2006 00:00 (local)

A/P	A/L	Şirket	Arr FI	Dep FI	Arr Reg	Dep Reg	Arr Model	Dep Model	Arr mtow	Dep mtow	Arr Seat	Dep Seat	Arr Typ	Dep Typ	Arr Date	Dep Date	From	To	Cargo In kg	Cargo Out kg	Ton	SC %	CRGR	LOCR	RMPR	TRFR	Toplam
EST	NTR	TNT I.A.S.	381C	0028	OO-TZD	OO-TZD	ABX	ABX	165.0	165.0	0	0	Cargo	Cargo	30-Sep 07:12	01-Oct 07:35	ATH	LOG	0	1886	20.05	80.0	7.0	165.0	0.0	252.0	
	XXX	ATLASJET HAVACILIK /	462	5022	TC-ETB	TC-ETB	CR9	CR9	37.5	37.5	90	90	Pax	Pax	01-Oct 01:50		FCO		0	0	0.05	0.0	1.5	16.0	8.0	25.5	
	BGS	EAT	948	948	OO-DLG	OO-DLG	ABX	ABX	165.0	165.0	0	0	Cargo	Cargo	30-Sep 18:50	30-Sep 21:00	ATH	BRU	0	34094	35.05	140.0	7.0	165.0	0.0	312.0	
	CSA	CSA Czech Airlines	434	435	OK-CGL	OK-CGL	734	734	65.0	65.0	144	144	Pax	Pax	30-Sep 19:45	01-Oct 04:42	PRG	PRG	0	3173	4.05	16.0	6.0	100.0	50.0	172.0	
	AFR	AIR FRANCE	2390	2391	F-GKXI	F-GKXI	320	320	73.0	73.0	159	159	Pax	Pax	30-Sep 20:15	01-Oct 06:15	CDG	CDG	439	0	1.05	4.0	6.0	115.0	0.0	125.0	
	ELY	EL AL Israel Airlines Ltd	581	584	4K-EHO	4K-EHO	73G	73G	70.1	70.1	104	104	Pax	Pax	30-Sep 20:40	30-Sep 21:57	TLV	TLV	167	1366	2.05	8.0	4.0	50.0	22.0	84.0	
	AZ	ALITALIA Uniee Aeree I	708	707	I-BEKR	I-BEKR	321	321	83.0	83.0	187	187	Pax	Pax	30-Sep 23:25	01-Oct 02:50	MXP	MXP	1062	996	3.05	12.0	6.0	115.0	56.0	189.0	
	KLM	KLM	1617	1610	PH-HDK	PH-HDK	738	738	73.7	73.7	174	174	Pax	Pax	30-Sep 22:00	01-Oct 02:55	AMS	AMS	243	899	2.05	8.0	6.0	115.0	56.0	185.0	
	XXX	ATLASJET HAVACILIK /	1176		TC-OGJ				77.0		174		Pax	Pax	30-Sep 22:15		DUS		0	0	0.05	0.0	3.0	57.5	28.0	86.5	
	BPS	BUDAPEST AIRCRAFT S	3902	3901	HA-TCW	HA-TCW	A26	A26	24.0	24.0	0	0	Cargo	Cargo	30-Sep 22:53		ATH		1370	2733	5.05	10.0	1.5	16.0	0.0	27.5	
	OHY	ONUR AIR Tasimacilik /	0648		TC-ONT		AB4		165.0		317		Pax	Pax	01-Oct 01:45		BVJ		0	0	0.05	0.0	0.0	0.0	0.0	0.0	
	OHY	ONUR AIR Tasimacilik /	114	101	TC-OAD	TC-OAD	320	320	77.0	77.0	180	180	Pax	Pax		01-Oct 03:08	DUS		0	0	0.05	0.0	3.0	57.5	28.0	86.5	
	XXX	ATLASJET HAVACILIK /	124	219	TC-OGS	TC-OGS	752	752	100.0	100.0	200	200	Pax	Pax		01-Oct 03:46	MUC		0	0	0.05	0.0	3.0	57.5	28.0	86.5	
	XXX	ATLASJET HAVACILIK /	140	203	TC-OGF	TC-OGF	320	320	77.0	77.0	180	180	Pax	Pax		01-Oct 03:50	STR		0	0	0.05	0.0	3.0	57.5	28.0	86.5	
	BPS	BUDAPEST AIRCRAFT S	3902	3901	HA-TCW	HA-TCW	A26	A26	24.0	24.0	0	0	Cargo	Cargo	01-Oct 03:40		ATH		1690	2115	4.05	8.0	1.5	16.0	0.0	25.5	
	XXX	ATLASJET HAVACILIK /	4029	050	TC-ETC	TC-ETC	CR9	CR9	37.5	37.5	90	90	Pax	Pax		01-Oct 04:07	TZX		0	0	0.05	0.0	0.0	0.0	0.0	0.0	
	XXX	ATLASJET HAVACILIK /	053	010	TC-ETD	TC-ETD	CR9	CR9	37.5	37.5	90	90	Pax	Pax		01-Oct 04:05	AYT		0	0	0.05	0.0	0.0	0.0	0.0	0.0	
	XXX	ATLASJET HAVACILIK /	5011	107	TC-OGK	TC-OGK	320	320	77.0	77.0	174	174	Pax	Pax		01-Oct 04:30	DUS		0	0	0.05	0.0	3.0	57.5	28.0	86.5	
	XXX	ATLASJET HAVACILIK /	793	793	TC-OGD	TC-OGD	320	320	77.0	77.0	174	174	Pax	Pax		01-Oct 04:05	AYT		0	140	1.05	0.0	3.0	57.5	28.0	86.5	
	XXX	ATLASJET HAVACILIK /	793	793	TC-OGD	TC-OGD	320	320	77.0	77.0	174	174	Pax	Pax		01-Oct 05:35	TXL		0	140	1.05	4.0	3.0	57.5	28.0	92.5	
	XXX	ATLASJET HAVACILIK /	462	5022	TC-ETB	TC-ETB	CR9	CR9	37.5	37.5	90	90	Pax	Pax		01-Oct 05:05	ADB		0	0	0.05	0.0	0.0	0.0	0.0	0.0	
	OHY	ONUR AIR Tasimacilik /	081	277	TC-OAU	TC-OAU	M83	M83	73.0	73.0	165	165	Pax	Pax		01-Oct 06:20	LYS		0	0	0.05	0.0	3.0	57.5	28.0	86.5	
	XXX	ATLASJET HAVACILIK /	4015	076	TC-OGU	TC-OGU	319	319	70.0	70.0	144	144	Pax	Pax		01-Oct 06:10	AYT		0	0	0.05	0.0	0.0	0.0	0.0	0.0	

11.7.5 Royalty Report

The royalty report is used by the accounting department as the official report to declare to the airport authority the services given at the selected airports and the royalty prices that occurred.

The royalty report is very similar to the royalty control report and uses the same filter. Please see the [royalty control report](#) for filter details.

Here are two sample screenshots from the royalty report, the first one with merge landings option and the second one per landing.

Screenshot 1 (merge flights) :

Multi Invoice Detail Report Filter

Company

Repr

Dates *Inclusive*
 Exclusive

Airport

Currency

Payment

Invoice Type

Report Type

Price
 Quantity, Price
 Price, Ext Price

Show Royalties As

Royalty Excluded
 Royalty Included
 According to Pricing

Sort Order

Form Date
 Form Number

Show VAT As

Included
 Excluded

Report

It is possible to produce the pivot part of the report by including only the price, quantity and price or price and external price of the service or package. Here is a sample screenshot from this report:

Multi Invoice Detail Report

Filter Preview Print Export Excel HTML-Excel

SAMPLE COMPANY **Airport** IST - Atatürk **Company** All Companies
Dates 01/10/2006 - 02/10/2006 **Repr** All Representatives

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Inv Date	Inv	AVP	COMP	COMP	INV	INV	SCP	Arrival	Blle	Dept	Blle	Arrival	Dept	Firm	To	Model	Reg	Mtow	Seat	Sro	T	D	S	Load	Pax	Cargo	Cargo	Cargo	Cargo	CNT	DCD	DCS
Cur	Code	Name	S.No	OFF.No	No	Off	Date	On	Date	Off	F.No	F.No	F.No											In	Out	In	Out	Total	Ton			
20051011	EUR	IST	AYZ	ATLANT-SOVIYUZ AIRLINE	349999	36	2151662	01-10-06	16:59	01-10-06	10:00	5701	5702	WKO	WKO	TUS	RA45140	180	164	✓		I	C	P	158	128	0	0	0	0	15.36	64.00
20051011	EUR	IST	AYZ	ATLANT-SOVIYUZ AIRLINE	349999	36	214235	01-10-06	16:59	01-10-06	10:00	5701	5702	WKO	WKO	TUS	RA45140	180	164	✓		I	C	P	158	128	0	0	0	0	38.00	
20051011	EUR	IST	NLK	ELBRUS-AWA	350000	36	2151645	01-10-06	13:07	01-10-06	14:30	7707	7708	NAL	NAL	YK2	RA42345	57.5	120	✓		I	C	P	117	102	0	0	0	0	12.24	51.00
20051011	EUR	IST	NLK	ELBRUS-AWA	350001	36	214237																I	C	P	0	0			10.00		
20051011	EUR	IST	NLK	ELBRUS-AWA	350001	36	214234	01-10-06	13:07	01-10-06	14:30	7707	7708	NAL	NAL	YK2	RA42345	57.5	120	✓		I	C	P	117	102	0	0	0	0	20.00	
20051011	EUR	IST	NLK	ELBRUS-AWA	350002	36	214238																I	C	P	0	0					
20051011	EUR	IST	NLK	ELBRUS-AWA	350002	36	214239																I	C	P	0	0					
Grand																																
Total																														69.00	27.50	115.00

In this screenshot (just the services pivot part) you may see a sample with quantity and price :

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DCS (UNIT)		DMG (UNIT)		GPU (UNIT)		LOP (UNIT)		OFB (UNIT)		P/B (UNIT)		RMP (UNIT)		TPL (UNIT)		TPW (UNIT)		TRF (UNIT)		Total Val		
Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val		
15.36	1.00	64.00	1.00	25.00				1.00	36.00			1.00	80.00	1.00	1,563.00			5.00	2.50	1.00	711.00	2,436.96
																					30.00	
12.24	1.00	51.00	1.00	15.00	1.00	93.75	1.00	34.50				1.00	80.00	1.00	1,072.50			3.00	1.50	1.00	543.00	1,903.49
																					10.00	
																					20.00	
																					17.70	
																					17.70	
27.60	2.00	115.00	2.00	40.00	1.00	93.75	2.00	70.50	1.00	17.70	2.00	160.00	2.00	2,575.50	1.00	17.70	8.00	4.00	2.00	1,264.00	4,436.75	

And this is a screenshot for the services section that includes the service price and the external service price:

RMP			
Val	Ext TRY	Ext USD	Ext EUR
1,026.00	0.00	0.00	0.00
2,565.00	0.00	0.00	0.00
2,565.00	0.00	0.00	0.00
2,565.00	0.00	0.00	0.00

The external price is reported in three different currencies: The native currency (definable, Turkish lira in this example screenshot), usd and euro.

11.7.7 Income Report

Income report is used by the agreements and the accounting department. The income report is used to report income by means of the desired currency for the specified date range. Here is the filter for the income report:

As you can see in the filter, it is possible to produce this report in three different types:

- Only invoiced forms: Income report.
- All forms: Sales report.
- Only Non-invoiced Forms: Sales Control.

Further selection possibilities are airport, company and representative. Here is a sample screenshot for the

income report. The pivot part, services are grouped by the third party general ledger integration groups, and then the service code (its invoice unit in between the parenthesis), service quantity and service value.

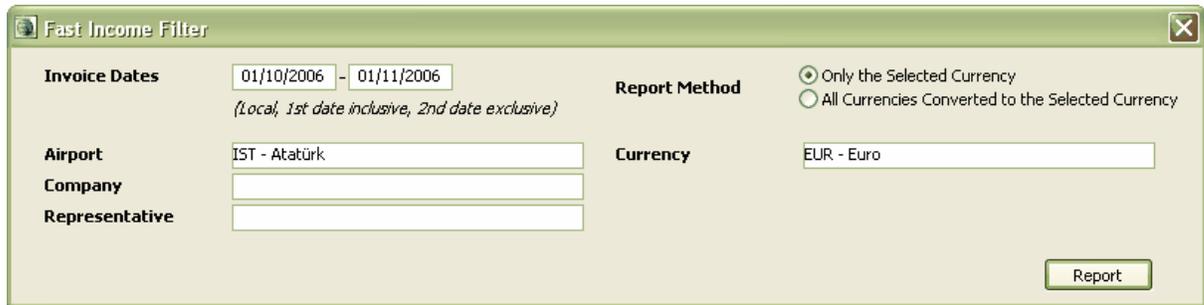
Airport	Group Code	Don Intl	Code Name	Flight Cnt	S/C Flight	W/B Flight	Cargo in	Cargo out	Cargo tow	DHM (UNIT)		DHMC (UNIT)		AL HF Sum Of Val		ASR (UNIT)		ASU (UNIT)	
										Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val
IST	Tanfill	Intl	ELY EL AL Israel Airlines Ltd	0.5	0.5	0	157	136	2					0.00					
			GFA GULF AIR Co. G.S.C.	1	1	0	2659	3049	6					0.00	1.00	20.00			
			UAE EMIRATES	1	1	1	16524	14663	32					0.00					
			DUH LUFTHANSA	5	5	0	9416	1549	14					0.00					
			IBE IBERIA Lineas Aereas de Espar	2	2	0	2128	0	3					0.00	2.00	0.00			
			AFR AIR FRANCE	3	3	0	727	0	3					0.00					
			CSA CSA Czech Airlines	0.5	0.5	0	0	3173	4					0.00			1.00	125.00	
			DAT SN Brussels Airlines	1	1	0	0	1311	2					0.00					
			KLM KLM	3	3	0	330	2788	5					0.00	1.00	0.00			
			JAT JAT AIRWAYS	1	1	0	281	0	1					0.00					
			AZA ALITALIA Linee Aeree Italiane	3	3	0	3899	2490	9					0.00					
			KZR AIR ASTANA Joint-Stock Com	1	1	0	0	1165	2					0.00					
	Kargo	Intl	KLM KLM	1	1	1	63102	0	64					0.00					
			NTR TNT International Aviation Ser	0.5	0.5	0.5	0	19886	20					0.00	1.00	20.00			
			RUN ACT HAVAYOLLARI A.S.	0.5	0.5	0.5	0	19853.5	20					0.00					
		Dom	RUN ACT HAVAYOLLARI A.S.											0.00					
	Charter	Intl	BPS BUDAPEST AIRCRAFT SERV	1	1	0	1530	2424	4.5	1.00	309.00	1.00	6.18	315.18					
			BWG BILLIE WINGS AG	2	2	0	0	0	0					0.00					
	Turk	Intl	OHY ONUR AIR Tasimacilik A.S.	3	3	0	0	28	1					0.00					
			KKK ATLASJET HAVACILIK A.S.	6.5	6.5	0	0	373	1.5					0.00					
		Dom	OHY ONUR AIR Tasimacilik A.S.	13.5	13.5	0.5	0	0	0					0.00					
			KKK ATLASJET HAVACILIK A.S.	17.5	17.5	1	0	0	0					0.00					
			BST TUNCA HAVACILIK A.S.											0.00					
	Rus	Intl	VLG VOUGA-AVIAEXPRESS Comp	1	1	0	0	0	0					0.00					
			VLK VLADIVOSTOK AIR Joint-Stock	1	1	0	0	0	0					0.00					

In the end of the report, all group totals are presented. Please see the following screenshot:

TRF (UNIT)		TRFR (UNIT)		TRK (UNIT)		VIP (UNIT)		W/C (UNIT)		HF YF Sum Of Val		FOL (LT)		FOLR (UNIT)		YF Sum Of Val		Total Sum Of Val
Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	Qty	Val	
3.00	1,125.00	0.00	0.00								3,567.00					0.00	0.00	3,567.00
1.00	660.00	0.00	0.00								2,378.34					0.00	0.00	2,378.34
											3,590.00					0.00	0.00	3,590.00
											1,962.00					0.00	0.00	1,962.00
											2,708.75					0.00	0.00	2,708.75
											150.00					0.00	0.00	150.00
											470.36					0.00	0.00	785.54
2.00	0.00	0.00	0.00					5.00	50.00		2,955.38					0.00	0.00	2,955.38
6.00	267.61	6.00	168.00					2.00	0.00		1,777.79					0.00	0.00	1,777.79
12.00	0.00	12.00	325.00					8.00	15.79		5,025.00					0.00	0.00	5,025.00
26.00	823.60	26.00	0.00			2.00	0.00	15.00	7.89		5,652.10					0.00	0.00	5,652.10
33.00	0.00	33.00	0.00	1.00	39.47	1.00	0.00	9.00	0.00		6,567.81					0.00	0.00	6,567.81
											100.00					0.00	0.00	100.00
1.00	555.00	0.00	0.00								1,939.55					0.00	0.00	1,939.55
1.00	780.00	0.00	0.00								2,689.67					0.00	0.00	2,689.67
1.00	711.00	0.00	0.00								2,462.28					0.00	0.00	2,462.28
1.00	543.00	0.00	0.00								1,958.91					0.00	0.00	1,958.91
1.00	745.50	0.00	0.00								2,535.80					0.00	0.00	2,535.80
											137.50					0.00	0.00	137.50
											0.00	3,322.00	4,728.16	1.00	0.59	4,728.76	4,728.76	4,728.76
99.00	8,440.83	80.00	643.00	1.00	39.47	3.00	0.00	51.00	109.68		67,852.89	3,322.00	4,728.16	1.00	0.59	4,728.76	4,728.76	72,896.83
99.00	8,440.83	80.00	643.00	1.00	39.47	3.00	0.00	51.00	109.68		67,852.89	3,322.00	4,728.16	1.00	0.59	4,728.76	4,728.76	72,896.83

11.7.8 Fast Income Report

The income report uses service charge forms when producing the report. However, fast income report is also available and it uses the printed invoices only without going into the service form details. Here is the filter for the fast income report:



Fast Income Filter

Invoice Dates 01/10/2006 - 01/11/2006
(Local, 1st date inclusive, 2nd date exclusive)

Report Method
 Only the Selected Currency
 All Currencies Converted to the Selected Currency

Airport IST - Atatürk

Company

Representative

Currency EUR - Euro

Report

It is possible to retrieve this report using only the selected currency invoices, or all currency type invoices converted to the selected currency. The latter have the following additional filter columns:



Fast Income Filter

Invoice Dates 01/10/2006 - 01/11/2006
(Local, 1st date inclusive, 2nd date exclusive)

Report Method
 Only the Selected Currency
 All Currencies Converted to the Selected Currency

Airport IST - Atatürk

Company

Representative

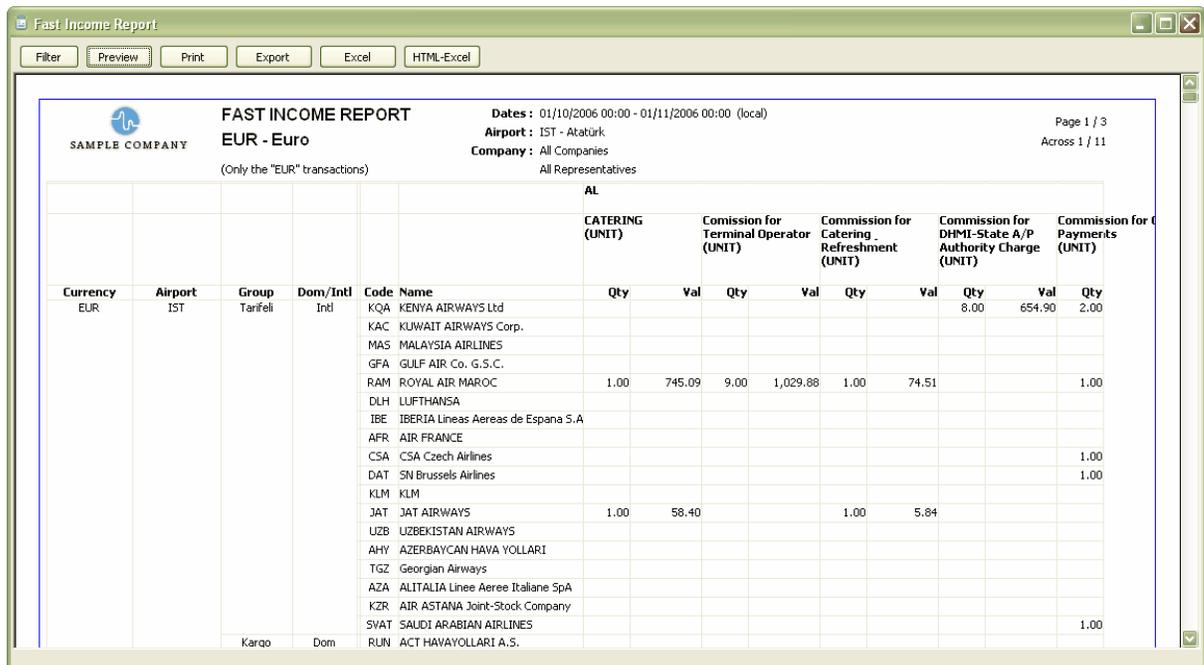
Currency EUR - Euro

Financial Institution TCMB

Rate Conversion Buy

Report

Here is a sample screenshot from the report:



FAST INCOME REPORT
EUR - Euro
 (Only the "EUR" transactions)

Dates: 01/10/2006 00:00 - 01/11/2006 00:00 (local)
Airport: IST - Atatürk
Company: All Companies
 All Representatives

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Currency	Airport	Group	Dom/Intl	Code Name	CATERING (UNIT)		Comission for Terminal Operator (UNIT)		Commission for Catering Refreshment (UNIT)		Commission for DIIMI-State A/P Authority Charge (UNIT)		Commission for Payments (UNIT)	
					Qty	Val	Qty	Val	Qty	Val	Qty	Val		
EUR	IST	Tarifeli	Intl	KQA KENYA AIRWAYS Ltd							8,00	654,90	2,00	
				KAC KUWAIT AIRWAYS Corp.										
				MAS MALAYSIA AIRLINES										
				GFA GULF AIR Co. G.S.C.										
				RAM ROYAL AIR MAROC	1,00	745,09	9,00	1,029,88	1,00	74,51				1,00
				DLH LUFTHANSA										
				IBE IBERIA Lineas Aereas de Espana S.A										1,00
				AFR AIR FRANCE										1,00
				CSA CSA Czech Airlines										
				DAT SN Brussels Airlines										
				KLM KLM										
				JAT JAT AIRWAYS	1,00	58,40			1,00	5,84				
				UZB UZBEKISTAN AIRWAYS										
				AHY AZERBAYCAN HAVA YOLLARI										
				TGZ Georgian Airways										
				AZA ALITALIA Linee Aeree Italiane SpA										
				KZR AIR ASTANA Joint-Stock Company										
				SVAT SAUDI ARABIAN AIRLINES										1,00
		Kargo	Dom	RUN ACT HAWAYOLLARI A.S.										

11.7.9 Brief Income Report

The three pivot income reports, income report, fast income report and the detailed income report can be hard to track if the number of services are huge. In order to more effectively view, another income report was designed: The brief Income report. This report is not a pivot report, but its look and feel is a pivot report with the most important services and their details are reported on different columns.

The filter for the brief income report is the same as the income report filter. So, please look at [Income Report](#) for the filter details.

Here is a sample output from the brief income report:

BRIEF INCOME REPORT - EUR - 01/10/2006 - 01/11/2006 (local) Page 1 / 8
 TCMB - Buy
 Airport: IST - Atatürk
 Company: All Companies
 Representative: All Representatives

A/P	Comp Type	Comp Code	Company Name	Dom Intl	Flight Cnt	Net Handling Income	S/C	W/B	Net Handling Royalty	DTU Qty	DTU Income	DIF Qty	DIF Income	Cargo In	Cargo Out	Cargo Ton	Cargo Unit P
IST	Tarifeli	AFR	AIR FRANCE	Dig	93.0	78,376.50	55.0	0	11,171.00	.00	.00	.00	.00	24,307.0	15,091.0	85.00	
		AHY	AZERBAIJAN HAVA	Dig	27.0	49,929.06	4.0	22.0	4,225.00	.00	.00	.00	.00	1,177.0	43,833.0	56.00	
		AZA	ALITALIA Linee Aeree	Dig	93.0	90,239.00	55.0	0	16,440.00	.00	.00	.00	.00	50,906.0	98,509.0	198.00	
		CSA	CSA Czech Airlines	Dig	39.0	48,908.00	38.0	1.0	6,008.00	.00	.00	.00	.00	7,937.0	58,452.0	78.00	
		DAT	SN Brussels Airlines	Dig	18.0	16,662.96	10.0	0	2,808.00	.00	.00	.00	.00	873.0	23,106.0	32.00	
		DLH	LUFTHANSA	Dig	155.0	105,594.00	98.0	7.0	17,725.00	.00	.00	.00	.00	216,772.0	112,243.0	413.00	
		ELY	EL AL Israel Airlines I	Dig	22.5	23,094.80	14.5	9.0	3,866.00	.00	.00	.00	.00	12,478.0	34,299.0	61.00	
		GFA	GULF AIR Co. G.S.C	Dig	24.0	35,443.00	8.0	1.0	3,798.00	.00	.00	.00	.00	51,164.0	28,387.0	91.00	
		IBE	IBERIA Lineas Aereas	Dig	36.0	29,859.00	17.0	0	5,721.00	.00	.00	.00	.00	12,178.0	10,986.0	42.00	
		JAT	JAT AIRWAYS	Dig	26.0	27,804.62	12.0	0	2,371.00	.00	.00	.00	.00	2,707.0	10,953.0	22.00	
		KAC	KUWAIT AIRWAYS C	Dig		30.00			0.00	.00	.00	.00	.00				
		KLM	KLM	Dig	75.0	80,339.66	52.0	0	13,170.00	.00	.00	.00	.00	13,054.0	58,176.0	117.00	
		KQA	KENYA AIRWAYS Ltd	Dig	9.0	13,604.80	1.0	2.0	952.00	.00	.00	.00	.00	40.0	6,363.0	11.00	
		KZR	AIR ASTANA Joint-S	Dig	31.0	55,688.59	8.0	0	4,836.00	.00	.00	.00	.00	17,159.0	25,510.0	51.00	
		MAS	MALAYSIA AIRLINES	Dig	9.0	23,200.50	5.0	9.0	1,890.00	.00	.00	.00	.00	118,712.0	87,169.0	211.00	
		RAM	ROYAL AIR MAROC	Dig	9.0	15,266.34	5.0	0	1,638.00	.00	.00	.00	.00	2,953.0	20,452.0	28.00	
		SVAT	SAUDI ARABIAN AIF	Dig	22.0	119,539.00	7.0	21.0	3,520.00	.00	.00	.00	.00	117,018.0	125,463.0	254.00	
		TGZ	Georgian Airways	Dig		120.00			0.00	.00	.00	.00	.00				
		TJK	TAJKISTAN AIRLINE	Dig		0.00			0.00	.00	.00	.00	.00				
		UAE	EMIRATES	Dig	31.0	32,705.12	12.0	31.0	9,222.00	.00	.00	.00	.00	562,877.0	254,801.0	835.00	
		UZB	UZBEKISTAN AIRWA	Dig	13.0	31,368.84	5.0	13.0	2,898.00	.00	.00	.00	.00	35,075.0	81,264.0	121.00	
		TJK	TAJKISTAN AIRLINE	Iç		0.00			0.00	.00	.00	.00	.00				
	Kargo	BCS	EAT	Dig	24.5	34,342.00	6.5	12.5	3,366.00	.00	.00	.00	.00	388,020.0	477,910.0	879.00	
		CLX	CARGOLUX Airlines I	Dig	8.0	20,655.00	8.0	8.0	2,080.00	.00	.00	.00	.00	421,035.0	181,356.0	609.00	
		GEC	LUFTHANSA Cargo F	Dig	26.0	35,103.75	16.0	26.0	4,301.00	.00	.00	.00	.00	798,311.0	913,640.0	725.00	
		KLM	KLM	Dig	13.0	27,691.25	9.0	13.0	3,380.00	.00	.00	.00	.00	526,031.0		532.00	
		MTD	MTD International A	Dig	24.5	23,820.00	16.5	6.5	3,016.00	.00	.00	.00	.00	219,727.0	227,235.0	556.00	

And the report continues:

Price	Cargo Total Price	Cargo Royalty	Baggage Total Price	Baggage Royalty	Fuel Lt (Trs)	Fuel Price (Trs)	Fuel Lt (Acc)	Fuel Price (Acc)	Fuel Roy (Acc)
3.32	618.00	336.00	.00	.00	.00	.00	.00	.00	.00
40.00	2,464.00	224.00	.00	.00	.00	.00	.00	.00	.00
21.67	5,082.00	792.00	.00	.00	.00	.00	.00	.00	.00
31.38	2,708.00	260.00	.00	.00	.00	.00	.00	.00	.00
40.00	1,408.00	128.00	.00	.00	.00	.00	.00	.00	.00
0.00	1,636.00	1,636.00	.00	.00	.00	.00	.00	.00	.00
8.69	773.97	244.00	.00	.00	.00	.00	.00	.00	.00
36.00	3,640.00	364.00	.00	.00	.00	.00	.00	.00	.00
11.56	653.58	168.00	.00	.00	.00	.00	.00	.00	.00
38.00	924.00	88.00	.00	.00	.00	.00	.00	.00	.00
	.00	.00	.00	.00	.00	.00	.00	.00	.00
16.00	2,340.00	468.00	.00	.00	.00	.00	.00	.00	.00
40.00	484.00	44.00	.00	.00	.00	.00	.00	.00	.00
32.00	1,836.00	204.00	.00	.00	.00	.00	.00	.00	.00
12.00	3,376.00	844.00	.00	.00	.00	.00	.00	.00	.00
36.00	1,120.00	112.00	.00	.00	.00	.00	.00	.00	.00
17.00	5,334.00	1,016.00	.00	.00	.00	.00	.00	.00	.00
	.00	.00	.00	.00	.00	.00	.00	.00	.00
	.00	.00	.00	.00	64,620.00	78,074.47	.00	.00	.00
4.72	7,280.67	3,340.00	.00	.00	.00	.00	.00	.00	.00
33.00	4,477.00	484.00	.00	.00	.00	.00	.00	.00	.00
	.00	.00	.00	.00	53,400.00	25,286.94	.00	.00	.00
28.81	28,696.00	3,376.00	.00	.00	.00	.00	.00	.00	.00
15.00	11,571.00	2,436.00	.00	.00	.00	.00	.00	.00	.00
0.00	6,900.00	6,900.00	.00	.00	.00	.00	.00	.00	.00
16.00	10,640.00	2,128.00	.00	.00	.00	.00	.00	.00	.00
23.36	15,210.00	2,224.00	.00	.00	.00	.00	.00	.00	.00
34.66	8,295.00	948.00	.00	.00	.00	.00	.00	.00	.00
4.56	9,942.09	4,564.00	.00	.00	.00	.00	.00	.00	.00
	.00	.00	.00	.00	.00	.00	7,758.00	11,060.81	2.00
	.00	.00	.00	.00	.00	.00	.00	.00	.00
	.00	.00	.00	.00	.00	.00	.00	.00	.00

11.7.10 Detailed Income Report

Detailed income report is the same as the income report, except it gives the user the flexibility to get the report for the selected services only as in this filter:

Detailed Income Report Filter

General Filter

SCF Dates (local) *(inclusive)* 01/10/2006 - *(exclusive)* 03/10/2006

Only invoiced forms (Income Report)
 All forms (Sales Report)
 Non-Invoiced Forms (Sales Control)

Airport: IST - Ataturk

Company: DLH : LUFTHANSA

Representative: [Empty]

Show Results By Means Of:

Currency: EUR - Euro

Financial Institution: TCMB

Rate Conversion: Buy

Royalty Excluded
 Royalty Included
 According to Pricing

Enable Service Selection

Selected Services

- SAM PST Passenger Steps Towable
- SAM PSU Surface Transportation - PAX - Midibus/Bus
- SAM RAG Ramp Personal Rental
- SAM RMP Ramp
- SAM RPR Representation Service - Refund
- SAM RPS Representation Service
- SAM SCG Service Cargo Handling
- SAM SEC Aircraft Security
- SAM SECIR Aircraft Security Measures for Iraqi Airways
- SAM SECPA SECURITY MEASURES FOR PAX
- SAM SFM Surface Transportation - Staff - Midibus/Bus
- SAM SFU Surface Transportation - Staff - Minibus
- SAM SLO Airport Slots Application
- SAM STM Sita Message
- SAM TAG Traffic Agent Rental
- SAM TAV TAV Terminal Operator
- SAM TDD Transfer Pax (Dom / Dom)
- SAM TDI Transfer Pax (Dom / Int)

Report

In the following screenshot, we see sample results for the above filter: IST airport, DLH airline, between 1/10/2006 and 3/10/2006 and for the RMP service only.

DETAILED INCOME REPORT - EUR -

SAMPLE COMPANY TCMB - Buy
 Dates: 01/10/2006 - 03/10/2006 (local)
 Airport: IST - Ataturk
 Company: DLH - LUFTHANSA
 Representative: All Representatives

Airport	SCF Code	Form Date	Form Type	Status	Surch	Legacy Code	Cmp Code	Company Name	Repr Code	Arr Fno	Dep Fno	Prev	From	To	2nd Leg	Blks On Date	Time	Blks Off Date	Time
IST	2151824	1/10/2006 03:1	L	In Progress	✓	Tarifeli	DLH	LUFTHANSA		3344	3345		FRA	FRA		30-Sep	23:21	01-Oct	03:10
	2151825	1/10/2006 05:3	L	In Progress	✓	Tarifeli	DLH	LUFTHANSA		3352	3353		MUC	MUC		30-Sep	19:50	01-Oct	05:30
	2151826	1/10/2006 11:0	L	In Progress	✓	Tarifeli	DLH	LUFTHANSA		3340	3341		FRA	FRA		01-Oct	10:25	01-Oct	11:05
	2151827	1/10/2006 13:1	L	In Progress	✓	Tarifeli	DLH	LUFTHANSA		3350	3351		MUC	MUC		01-Oct	12:10	01-Oct	13:10
	2151797	1/10/2006 15:3	L	In Progress	✓	Tarifeli	DLH	LUFTHANSA		3342	3343		FRA	FRA		01-Oct	14:30	01-Oct	15:30
	2151829	2/10/2006 03:0	L	In Progress	✓	Tarifeli	DLH	LUFTHANSA		3344	3345		FRA	FRA		01-Oct	23:10	02-Oct	03:05
	2151830	2/10/2006 05:3	L	In Progress	✓	Tarifeli	DLH	LUFTHANSA		3352	3353		MUC	MUC		01-Oct	19:40	02-Oct	05:30
	2151833	2/10/2006 10:5	L	In Progress		Tarifeli	DLH	LUFTHANSA		3340	3341		FRA	FRA		02-Oct	09:55	02-Oct	10:55
	2151834	2/10/2006 13:0	L	In Progress		Tarifeli	DLH	LUFTHANSA		3350	3351		MUC	MUC		02-Oct	12:10	02-Oct	13:05
	2151835	2/10/2006 15:2	L	In Progress		Tarifeli	DLH	LUFTHANSA		3342	3343		FRA	FRA		02-Oct	14:35	02-Oct	15:25
IST	Total																		
Grand	Total																		

Continued:

Detailed Income Report

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Model	Reg	Mtow	Mtow Group	SeatCp	SeatCp Group	Tec Fry	Dom Int	Flight Type	Load Type	Cargo in	Cargo out	Cargo ton	Cargo total	Pax in	Pax out	Park pos	Gate	Counter
321	D-AIRL	83	75-100	176	151-190		Int	Sched	Pax	2285	0	3	2285	109	158	213		
320	D-AIPR	73.5	50-75	142	126-150		Int	Sched	Pax	665	483	2	1148	121	131	203		
321	D-AIRO	83	75-100	176	151-190		Int	Sched	Pax	1568	0	2	1568	109	170	203		
320	D-AIQH	73.5	50-75	142	126-150		Int	Sched	Pax	1529	526	3	2055	106	130	203		
321	D-AIRL	83	75-100	176	151-190		Int	Sched	Pax	682	540	2	1222	151	162	204		
321	D-AISB	89	75-100	176	151-190		Int	Sched	Pax	4360	0	5	4360	104	172	204		
320	D-AIQE	73.5	50-75	142	126-150		Int	Sched	Pax	1687	0	2	1687	107	135	201		
321	D-AISB	89	75-100	176	151-190		Int	Sched	Pax	3005	0	4	3005	124	170	212		
320	D-AIPE	73.5	50-75	142	126-150		Int	Sched	Pax	793	284	2	1077	103	146	205		
321	D-AIRB	83	75-100	176	151-190		Int	Sched	Pax	170	1757	2	1927	137	175	209		

Continued:

Detailed Income Report

RMP	Grand Total
690.00	690.00
675.00	675.00
690.00	690.00
675.00	675.00
690.00	690.00
690.00	690.00
675.00	675.00
460.00	460.00
450.00	450.00
460.00	460.00
6,155.00	6,155.00
6,155.00	6,155.00

Note that despite the service selection, this report includes all packages in the given criteria.

Back Cover