

Orig-Term Report

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Section overview

This section is designed to provide a user with a possibility to generate a report and trace all call routes from a **Client** to any **Provider** with orig-term cost and profit. Here you can create a report based on an existing template or generate a new one. Also, you can get the information sorted by clients, events, profit, etc.

Screenshot: Orig-Term Report query form

Orig-Term Report

Clients

Orig Client

Orig Account

Orig Code

Orig Code Name

FILTERS

Period: Today 2020-07-17 00:00:00 — 2020-07-17 23:59:59 UTC

Group by: Service x Orig Client x Term Client x

Save Query

Query

OUTPUT

COLUMNS (19)

Order by: Orig Cost x Term Cost x

Limit: No Limit

Type: Web Grouped

Currency: USD

Dist Code Deck:

Creating a New Orig-Term Report

To create a new summary report, you need to fill in the following parameters in the form and click the **Query** button:

Information Block	Field Description
Filters	On the Filters menu, select the required parameters for the report. To cancel any filter, click the delete  icon next to the filter. You can start a quick search by typing filters' names in the field at the top of a drop-down menu with filters.
	Period (1) Specify the time interval for the report and a timezone. Please note that the Period field is mandatory.
	Period 2 Accessible when you enable the Compare Period option by clicking on the plus  icon next to the Period . Specify the second interval for the report.  Tip When you select one of the Time parameters for Group by, the end date of the Period 2 will be set automatically to make equal intervals of Period 1 and Period 2.
	Group by There are the following accessible options to group the data in reports: • Time: Year, Month, Date, Hour. • Clients: Orig Client, Orig Account, Orig Code, Orig Code Name, Orig Code Country, Orig Rate, Term Client, Term Account, Term Code, Term Code Name, Term Code Country, Term Rate • Extras: Service, Orig Serial, Orig Client Type, Orig Owner, Orig Time profile, Term Client Type, Term Owner, Term Time profile  Attention Please note that the Group by field is mandatory, it couldn't be empty in order to generate the report.
	Additional Filters
	There are the following accessible additional filters:
	Clients

Orig Owner	Define an origination Reseller for the report. <i>Accepts multiple values.</i>
Orig Client	Define an origination client for the report
Orig Client Type	Determine the type of origination client: <i>Client, Reseller, Calling Card, Call Shop</i>
Orig Client Tags	Determine tags that belong to an origination client
Orig Serial	Define an origination serial
Orig Account	Enter an origination account for the report
Orig Account Tags	Specify tags determined for an origination account
Term Owner	Define a Reseller for the report. <i>Accepts multiple values.</i>
Term Client	Define a termination client for the report
Term Client Type	Determine the type of termination client: <i>Client, Reseller, Calling Card, Call Shop</i>
Term Client Tags	Determine tags that belong to a termination client
Term Account	Enter a termination account for the report
Term Account Tags	Specify tags determined for a termination account
Events	
Service	Determine the name of service for the report
Match Orig Client	Search for matched/mismatched origination clients
Match Orig Rate	Search for matched/mismatched origination rates
Orig Dst Code	Specify an origination code for the report
Orig Dst Code Name	Indicate an origination code name
Orig Dst Code Country	Indicate an origination country name
Orig Src Code	Specify an origination source code for the report
Orig Src Code Name	Indicate an origination source code name
Orig Src Code Country	Indicate an origination source country name
Orig Rate (avg)	Enter the range of average call rate for origination
Orig Time Profile	Select an orig time profile that will be used as filter criteria
Match Term Client	Search for matched/mismatched termination clients
Match Term Rate	Search for matched/mismatched termination rates
Term Dst Code	Specify a termination code for the report
Term Dst Code Name	Indicate a termination code name
Term Dst Code Country	Indicate a termination country name
Term Src Code	Specify a termination source code for the report
Term Src Code Name	Indicate a termination source code name
Term Src Code Country	Indicate a termination source country name
Term Rate (avg)	Enter the range of average call rate for termination
Term Time Profile	Specify a term time profile that will be used as filter criteria
Statistics	
ASR Std	Specify the range of ASR Std for events you would like to display
ASR Current	Specify the range of ASR Cur for events you would like to display

	<table> <tr> <td>ACD Std</td><td>Specify the range of ACD Std for events you would like to display</td></tr> <tr> <td>ACD Current</td><td>Specify the range of ACD Cur for events you would like to display</td></tr> <tr> <td>Totals</td><td></td></tr> <tr> <td>Volume Total</td><td>Enter the range of total volume of services</td></tr> <tr> <td>Orig Volume Billed</td><td>Enter the range of orig volume of billed services</td></tr> <tr> <td>Term Volume Billed</td><td>Enter the range of term volume of billed services</td></tr> <tr> <td>Profit (abs)</td><td>Enter the absolute profit range</td></tr> <tr> <td>Profit (rel)</td><td>Enter the relative profit range</td></tr> <tr> <td>Margin</td><td>Enter the margin range</td></tr> <tr> <td>Total Records</td><td>Enter the range of total events</td></tr> <tr> <td>Not Zero Records</td><td>Define the range of events, that have a duration greater than 0</td></tr> <tr> <td>Success Records</td><td>Define the range of successful events</td></tr> <tr> <td>Busy Records</td><td>Define the range of busy events</td></tr> <tr> <td>No Channel Records</td><td>Define the range of no channel events</td></tr> <tr> <td>Error Records</td><td>Define the range of error events</td></tr> </table>	ACD Std	Specify the range of ACD Std for events you would like to display	ACD Current	Specify the range of ACD Cur for events you would like to display	Totals		Volume Total	Enter the range of total volume of services	Orig Volume Billed	Enter the range of orig volume of billed services	Term Volume Billed	Enter the range of term volume of billed services	Profit (abs)	Enter the absolute profit range	Profit (rel)	Enter the relative profit range	Margin	Enter the margin range	Total Records	Enter the range of total events	Not Zero Records	Define the range of events, that have a duration greater than 0	Success Records	Define the range of successful events	Busy Records	Define the range of busy events	No Channel Records	Define the range of no channel events	Error Records	Define the range of error events
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Output	This form contains settings of the output data of the report. Click the plus  icon near the Columns to select respective columns to output a report data. Also, you can cancel any chosen item. <table> <tr> <td colspan="2">Accessible columns in the report</td></tr> <tr> <td colspan="2"> Columns for the main period are: <i>ASR Std, ASR Cur, ACD Std, ACD Cur, Total Volume, Profit (abs), Profit (rel), Orig Billed Volume, Orig Cost, Orig Rate (avg), Term Billed Volume, Term Cost, Term Rate (avg), Total Events, Not Zero, Busy, No Channel, Success, Error, Margin.</i> </td></tr> <tr> <td colspan="2"> Columns for the comparative period are the same as for the main period. Moreover, all parameters could be selected expressed in percentage. </td></tr> <tr> <td>Orig</td><td> Origination information: • Billed Volume - Billed event volume • Cost - Price of the event • Avg. Rate - Average event rate </td></tr> <tr> <td>Term</td><td> Termination information: • Billed Volume - Billed event volume • Cost - Event cost • Avg. Rate - Average event rate </td></tr> <tr> <td>Profit</td><td> • Profit (abs) - Revenue in respective currency, for example, USD (in fact, any system currency can be specified here) • Profit (rel) - Revenue in percent value </td></tr> <tr> <td>Total Volume</td><td>The total volume of services</td></tr> <tr> <td>Margin</td><td>The absolute value of profit divided by volume billed (orig and term).</td></tr> <tr> <td>ASR</td><td> Average successful rate (successful events percentage): • Std - Number of events with success status divided by the total number of events minus all events with no channel available status • Cur - Number of events with duration > 0 divided by the total number of events </td></tr> <tr> <td>ACD</td><td> Average call duration: • Std - Sum of all event duration divided by the number of events with success status • Cur - Sum of all event duration divided by the number of events with a duration > 0 </td></tr> </table>	Accessible columns in the report		Columns for the main period are: <i>ASR Std, ASR Cur, ACD Std, ACD Cur, Total Volume, Profit (abs), Profit (rel), Orig Billed Volume, Orig Cost, Orig Rate (avg), Term Billed Volume, Term Cost, Term Rate (avg), Total Events, Not Zero, Busy, No Channel, Success, Error, Margin.</i>		Columns for the comparative period are the same as for the main period. Moreover, all parameters could be selected expressed in percentage.		Orig	Origination information: • Billed Volume - Billed event volume • Cost - Price of the event • Avg. Rate - Average event rate	Term	Termination information: • Billed Volume - Billed event volume • Cost - Event cost • Avg. Rate - Average event rate	Profit	• Profit (abs) - Revenue in respective currency, for example, USD (in fact, any system currency can be specified here) • Profit (rel) - Revenue in percent value	Total Volume	The total volume of services	Margin	The absolute value of profit divided by volume billed (orig and term).	ASR	Average successful rate (successful events percentage): • Std - Number of events with success status divided by the total number of events minus all events with no channel available status • Cur - Number of events with duration > 0 divided by the total number of events	ACD	Average call duration: • Std - Sum of all event duration divided by the number of events with success status • Cur - Sum of all event duration divided by the number of events with a duration > 0										
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Events	Quantity of events in a database • Total Events - Total events quantity • Not Zero - Quantity of events that have a duration equal to or more than 1 second • Success - Quantity of events that have a duration equal to or more than 1 second and a successful end code, events with Q. 931, disconnect cause 16 or 31 • Error - Quantity of declined events • Busy - Busy events quantity • No Channel - No circuit/channel available. Events with Q.931, disconnect cause 34
Other output settings	
Order by	Select parameters to sort already grouped data in columns. Here you can sort data from highest to lowest values (or vice versa) and select different values.
Type	Choose a format of the report from a drop-down list: Web/CSV/Excel XLS/Excel XLSx Also, select a look of a table view next to the Type field: • Grouped - a table view with grouped data and possibility to collapse it • Plain - a simple table view • Plain with total - a simple table view with an additional Total row at the beginning of the report ⚠ Attention Please note, that the Grouped type of table view is available only for Excel XLSx and Web formats; it doesn't work with CSV.
Limit	Determine the number of rows that will be visible in the report. It is useful for displaying some top positions by the chosen parameter. It is available only for plain and plain with total types of the report.
Send to	You can send generated reports via email. Also, it is possible to specify several emails. ⚠ Attention This feature is available only for CSV/Excel XLS/Excel XLSx formats of the report; it doesn't work with Web.
Currency	Specify a currency for the report. All values will be automatically converted to the specified currency in the report.
Code Deck	Select a code deck from a drop-down list. All codes in the following report will be presented according to the specified code deck.

A generated orig-term report is demonstrated on a screenshot below:

Screenshot: Orig-Term Report section

Orig-Term Report

Filters

Period: Today | 2020-07-17 00:00:00 — 2020-07-17 23:59:59 UTC

Group by: Service x Orig Client x Term Client

OUTPUT

Order by: Orig Cost x Term Cost

Limit: No Limit

Type: Web | Grouped

Currency: USD

Dst Code Deck:

Service	Unit	Orig Client	Term Client	Orig Billed Volume	Orig Cost	Orig Avg Rate	Term Billed Volume	Term Cost	Term Avg Rate	Profit	Profit Rel	Total Volume	Total Events	Not Zero	Success	Busy	No Channel	Error	ASR Std	ASR Cur	ACD Std	ACD Cur
Calls	min			2.5500	7.65	3.0000	0.0000	0.00		7.65	0.00	2.5500	2	2	2	0	0	0	100.00	100.00	1.28	1.28
Calls	min	Orig1		2.5500	7.6500	3.0000	0.0000	0.0000		7.6500	0.00	2.5500	2	2	2	0	0	0	100.00	100.00	1.28	1.28
Calls	min	Orig1	N/A	2.5500	7.6500	3.0000	0.0000	0.0000	N/A	7.6500	100.00	2.5500	2	2	2	0	0	0	100.00	100.00	1.28	1.28

If the data is grouped in the report, it will be shown initially collapsed. To expand or collapse data in your report, click the plus or minus icons. To expand all data in the report, please click **Ctrl** and .

Warning

Please note, the system shows rounded values in the reports. However, while calculating, the system takes an exact value. Hence, the procedure of the rounding is as follows:

- the system rounds currency values according to the settings of a respective currency
- all types of events (e.g., not zero, success, busy, as well as total quantity) are not rounded
- such parameters as **Orig Avg Rate**, **Term Avg Rate**, **Profit**, **Term Cost** are rounded to the nearest ten-thousandth. For example, 3.879256 to 3.8793
- others are rounded to the nearest hundredth. For example, 4.8763 to 4.88

Simple scheme: how to generate an orig-term report

An easy way to generate a simple orig-term report is:

- Select the desired parameters for the report on the **Filters** menu.
- Enter the period.
- Select some parameters in the **Group by** field, for example, *Orig Client*, *Service*
- Select **Columns** in the Output form, for example, *ASR Std*, *ASR Cur*, *ACD Std*, *ACD Cur*, *Success*, *Error*, *Profit (%)*.
- Specify the **Type** field or leave its default settings (Web/Grouped)
- Specify the currency and choose the code deck (if applicable).
- Click the **Query** button.

Tip

- If you want to sort already grouped data in columns, select the respective parameters in the **Order by** field. Also, you can sort from highest to lowest values (or vice versa).
- Please note, the **Order by** option is active when the **Type** of the Output form is **Plain** or **Plain with Total**. When it is **Grouped**, the data is only sorting by values specified in the **Group by** field.

You can also sort data in a report manually using special arrows  next to the name of the respective columns.

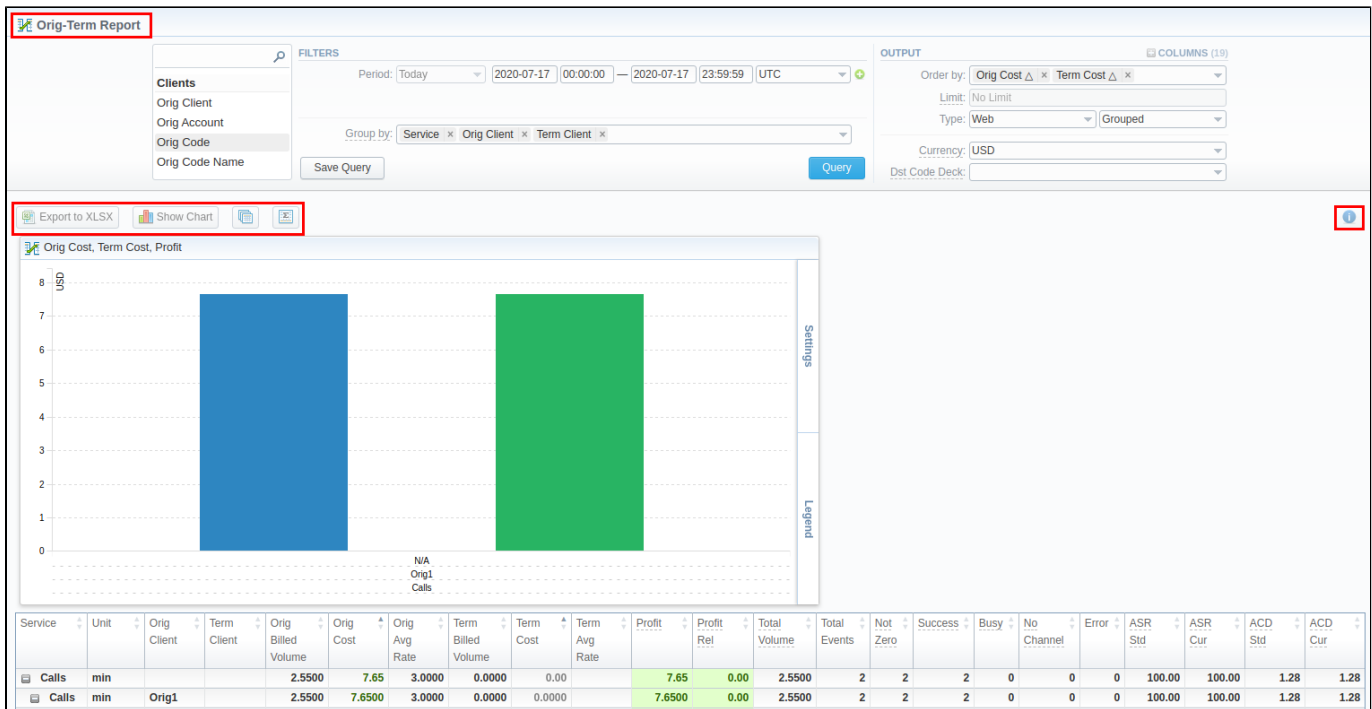
Screenshot: Orig-Term Report

Orig Code	ASR Std	ASR Cur
	100.00	100.00
38067	100.00	100.00
	100.00	100.00
1111	100.00	100.00
	42.42	100.00
3333	42.42	100.00

Creating Reports Templates

You can also create a template for reports and save specified parameters by clicking the **Save Query** button. A pop-up window with settings will appear and you will need to fill out the following form:

Screenshot: New Template creation form



Side-by-side report

This tool allows building a report with side-by-side sub-reports. Use it to run a comparative analysis on the same page. It's helpful for reviewing multiple parameters, totals, and compare results at different time intervals. The **Compare Period** option is designed to create a report that shows two sub-reports side-by-side.

To enable this option, click the plus **blocked URL** icon next to the **Period** field and specify both intervals (**Period 1/Period 2**) for the report.

Screenshot: Orig-Term Report query form

The screenshot shows the 'Orig-Term Report' query form. The 'Period' field is set to 'Today' with a date range of '2020-07-17 00:00:00' to '2020-07-17 23:59:59 UTC'. A red arrow points to a plus icon next to the 'Period' field, which is used to enable the 'Compare Period' option. The 'OUTPUT' section shows 'Order by' (Orig Cost, Term Cost), 'Limit' (No Limit), 'Type' (Web), 'Currency' (USD), and 'Dst Code Deck'. There are buttons for 'Save Query' and 'Query'.

Afterwards, choose columns for the main and comparative period in the report output form. When all required parameters are specified, click the **Query** button.

To remove this filter, please click the delete  icon.

You can modify a comparative mode by changing periods and columns. For example, to compare how different the cost total of the two periods is in percentage terms. To do this, choose the **Cost Total (%)** value from the Columns. Therefore, the final report splits **Cost Total (%)** into separate columns (see screenshot below).

Screenshot: Orig-Term Report example

