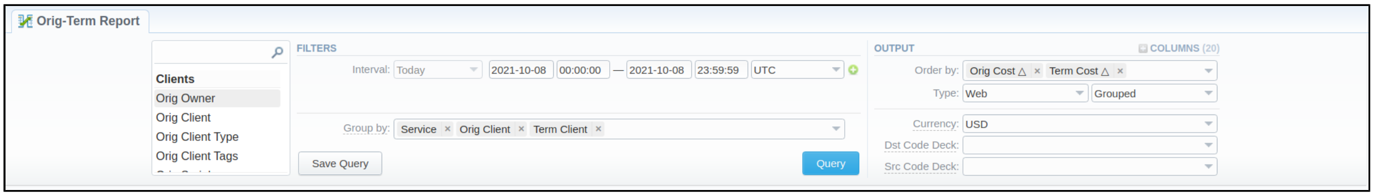
Orig-Term Report

In this article

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



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.	
	Interval	Specify the time interval for the report and a timezone. Please note that the ***Interval*** field is mandatory.
	Compare to	Accessible when you enable the **Compare to** option by clicking on the plus icon next to the ***Interval***. Specify the second interval for the report. **Tip** When you select one of the **Time** parameters for **Group by**, the end date of *Interval 2* will be set automatically to make equal intervals.
	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. *Accepts multiple values.*
Orig Client	Define an origination client for the report
Orig Client Type	Determine the type of origination client: *Client, Reseller, Calling Card, Call Shop*
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. *Accepts multiple values.*
Term Client	Define a termination client for the report
Term Client Type	Determine the type of termination client: *Client, Reseller, Calling Card, Call Shop*
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></td><td>
<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><th>Totals</th><th></th></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>
</td></tr>
<tr><td>Output</td><td>
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><th colspan="2">Accessible columns in the report</th></tr>
<tr><td colspan="2">Columns for the main interval are:

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.

Columns for the comparative interval 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):

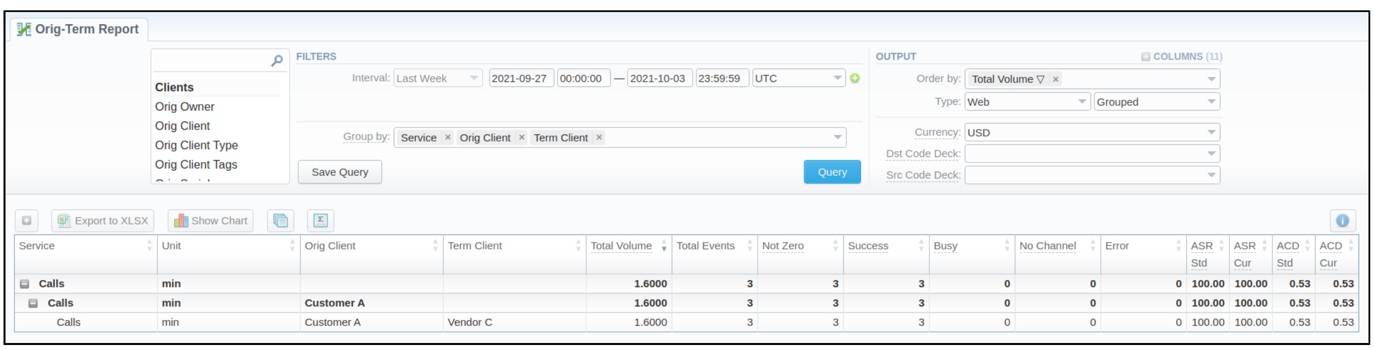
Std - Number of events with success status divided by the total number of events minus all events with no channel available status
Cur - Number of events with duration > 0 divided by the total number of events
</td></tr>
<tr><td>ACD</td><td>Average call duration:

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>
</td></tr>
</table>

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



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.

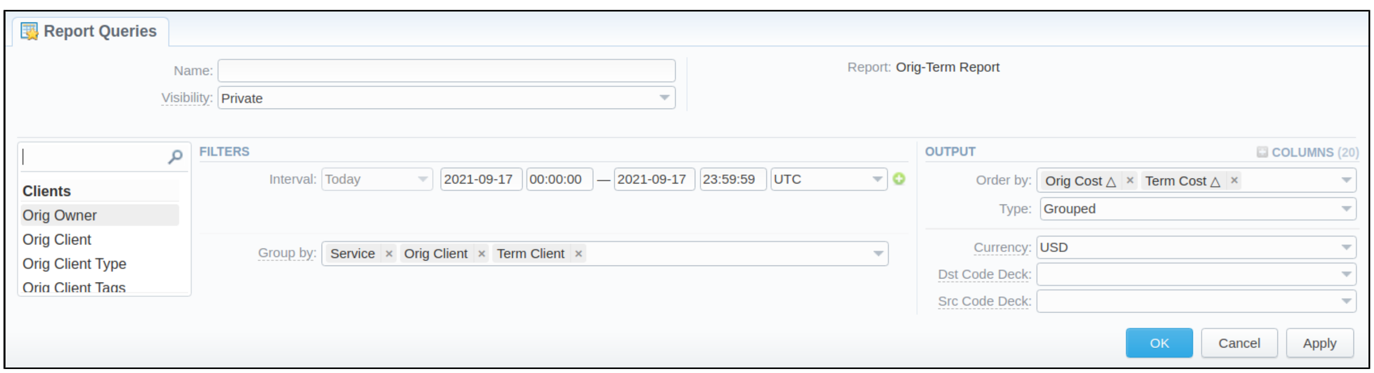
You can also sort data in a report manually using special arrows next to the name of the respective columns.

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



Tip

To find more details about templates, please refer to the Report Queries article in our **User Guide.**

Orig-Term Report buttons: reports, export, chart.

You can export data to a **CSV** or **XLSx** file, which contains only currently displayed data, no automatic request to update data while exporting. Also, it is possible to create charts for illustrating crucial information easily. And you can generate a report using the same criteria in the **Summary report** and the **xDRs list** sections.

1. To expand/collapse all the data for the ***Grouped*** output, click on the icon above the report.

2. To download a report in *.csv,* click the **Export to CSV** button on the toolbar.

Attention

Please note, this button will be visible only when the ***Type*** of the output is **Plain**. For the ***Grouped*** output type it is not available.

3. To download a **.xlsx** file*,* click the **Export to XLSx** button on the toolbar.

4. To create a **visual chart**, click the **Show Chart** button on the toolbar. There is more information available on this topic in the article **"How to create a statistic chart?"** in our Knowledge Base.

5. You can generate a detailed report using the same criteria in the **xDRs list** section by clicking the **xDRs list** icon on the toolbar.

6. And it is possible to generate a report using the same criteria in the **Summary report** section by clicking the **Summary** icon on the toolbar.

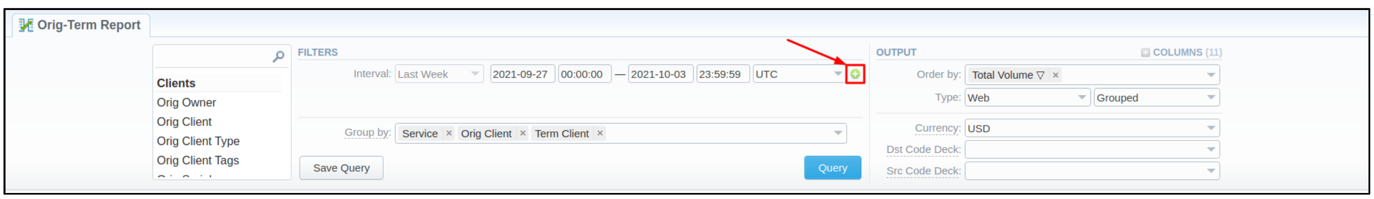
7. You can check an ***actual date interval*** of the report by clicking the **Info** icon and it could be different from *the Interval* specified above if there is no data for the period.

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 to*** 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 ***Interval*** field and specify both intervals for the report.

Screenshot: Orig-Term Report query form

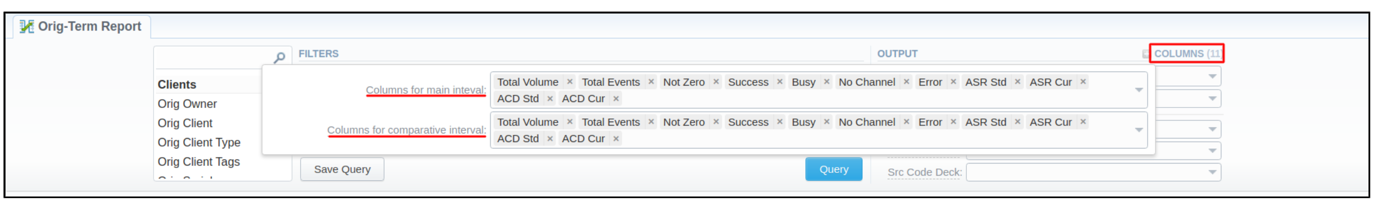


Afterwards, choose columns for the main and comparative period in the report output form. When all required parameters are specified, click the **Query** butt on.

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 (s ee screenshot below).

Screenshot: Orig-Term Report example



Sharing a Report

Each time you get a report output, the system generates a unique link in the format of "/view?id=<uniq-string>". It allows sharing data between the users, even if they belong to different resellers (the feature works similarly to Share by Link in Google Drive).

The link refers to the report data valid for a specific moment.

Example: When you send a link to a report, you ensure the recipient would see the same data as you do. If you change data in the system (for example, perform rerating), the previously copied link to the report will display data valid for the moment of generation (even though the actual data is now different).

You can also view the additional information about the generated report by hovering over the **Info** icon, which is located under the **Output** section:

Title	Description
Data Interval	States the period set for a report
Generated by	Indicates the **Role** of the user who generated a report and specifies a generation time
Duration	Time spent to generate a report

Knowledge Base Articles

Error rendering macro 'contentbylabel'

parameters should not be empty