

# Profit Report

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## Section overview

This section allows generating the profit report, which analyzes profitability data and defines profits between **Reseller** parties (companies and managers) and **Clients** belonging to the respective Reseller/Manager.

For example, when **Manager\_1** executes a profitability report, it allows seeing their origination customers sending traffic to **Manager\_2**, who owns the actual terminator vendors. In this case, Reseller's permissions apply to every query, which guarantees that **Manager\_1** will **not** be able to see any actual name of a client belonging to another manager, or another party that restricts such access.

Screenshot: Profit Report query form

Profit Report

Outcome Account

Outcome Account's Tags

Outcome Code

Outcome Code Name

Extras

Package

FILTERS

Period: Today [2018-02-19 00:00:00] — [2018-02-19 23:59:59] UTC

Reseller: Reseller 1

Mode: All visible

Group By: Service Name x Income Client x Outcome Client x Package Name x

Save Query Load Query...

OUTPUT

COLUMNS (0)

Order By: Income Cost x Outcome Cost x

Limit: No limit

Type: Web Grouped

Currency: USD




Code Deck: DEFAULT



Query

## Creating a Profit Report

To generate a profit report, you need to fill in the required parameters in the form and click the **Query** button. To get information sorted, use the **Group by** option and choose respective values from the drop-down list.

The list of query fields is as follows:

Information block	Field Description
Filters	On the <b>Filters</b> menu, select the required parameters for the report. To cancel any filter, click the delete  icon next to the filter. You can start a <b>quick search</b> by typing filters' names in the field at the top of the drop-down menu with filters.
	<div><div>Period (1)</div><div>Specify the time interval for the report and a timezone. Please note that the <b>Period</b> field is mandatory.</div></div>
	<div><div>Period 2</div><div>Accessible when you enable the <b>Compare Period</b> option by clicking on the plus  icon next to the <b>Period</b>. Specify the second interval for the report.</div><div><div> <b>Tip</b></div><div>When you select one of the <b>Time</b> parameters for <b>Group by</b>, the end date of the <b>Period 2</b> will be set automatically to make equal intervals of <b>Period 1</b> and <b>Period 2</b>.</div></div></div>
	<div><div>Reseller</div><div>Specify the name of a target Reseller.</div></div>
	<div><div>Mode</div><div>Choose the mode of the report:<ul style="list-style-type: none"><li>• <b>All visible</b> - all represented visually.</li><li>• <b>Hide External Originators</b> - all external originators of the selected manager will not be displayed.</li><li>• <b>Hide External Clients</b> - only events made solely between clients of the chosen manager will be shown.</li></ul>By default, the field value is set to <b>All visible</b></div></div>

<b>Group by</b>	<p>Select a grouping option. Here you can choose and swap columns, as well as change their order. There are the following accessible options to group data in reports:</p> <ul style="list-style-type: none"> <li>• <b>Time:</b> Year, Month, Day, Hour.</li> <li>• <b>Clients:</b> Income Client, Income Account, Income Code, Income Code Name, Orig Rate, Outcome Client, Outcome Account, Outcome Code, Outcome Code Name.</li> <li>• <b>Extras:</b> Service Name, Income Series.</li> </ul> <div style="background-color: #ffffcc; padding: 10px; margin-top: 10px;"> <p> <b>Attention</b></p> <p>Please note, the <b>Group by</b> field is mandatory, it couldn't be left empty to generate the report.</p> </div>
<b>Additional Filters</b>	
<p>There are the following accessible filters:</p> <ul style="list-style-type: none"> <li>• <b>Clients:</b> Income Client, Income Client's Tag, Income Account, Income Account's Tag, Income Code, Income Code Name, Income Serial, Income Reseller, Outcome Client, Outcome Client's Tag, Outcome Account, Outcome Account's Tag, Outcome Code, Outcome Code Name.</li> <li>• <b>Extras:</b> Package</li> </ul>	
<b>Income Client</b>	Specify an origination client(s) for the report
<b>Income Client's Tag</b>	Specify a tag(s) assigned to origination clients
<b>Income Account</b>	Determine an origination client's account(s)
<b>Income Account's Tag</b>	Indicate origination account's tags
<b>Income Code</b>	Define an incoming code
<b>Income Code Name</b>	Specify an incoming code name
<b>Income Serial</b>	Indicate a serial number of the originator's calling card
<b>Income Reseller</b>	Specify a target reseller(s) for the report
<b>Outcome Client</b>	Define a termination client(s)
<b>Outcome Client's Tag</b>	Define a termination client's tag(s)
<b>Outcome Account</b>	Indicate an account(s) of the termination client(s) for the report
<b>Outcome Account's Tag</b>	Specify termination account's tags if any
<b>Outcome Code</b>	Specify a termination code of the client
<b>Outcome Code Name</b>	Indicate a termination code name
<b>Package</b>	Determine the name of the used package
<b>Output</b>	<p>This form contains settings of the report output data.</p> <p>Click a plus  icon next to <b>Columns</b> and select required columns to add them to the Output information block. Also, you can cancel any chosen item.</p>
<b>Accessible columns in the report</b>	

**Additional columns of the report are:**



**Columns for the main period:**

*Volume Total, Income Cost, Income Avg Rate, Income Billed Time, Outcome Cost, Outcome Avg Rate, Outcome Billed Time, Profit, Profit (%).*

**Columns for the comparative period:**

*Total time, min; Income Rate, Outcome Rate, Income Cost, Income Avg Rate, Income Billed Time, Outcome Cost, Outcome Avg Rate, Outcome Billed Time, Profit, Profit (%), Profit Difference.*

And it's possible to choose each parameter expressed in percentage.

<b>Volume Total</b>	Total time of calls in minutes
<b>Rate</b>	<p>The call rate</p> <ul style="list-style-type: none"><li>• <b>Income Avg Rate</b> - an average call rate that is used for origination</li><li>• <b>Outcome Avg Rate</b> - an average call rate that is used for termination</li></ul>
<b>Profit</b>	<p>The revenue</p> <ul style="list-style-type: none"><li>• <b>Profit</b> - a revenue in a respective currency (in fact, any system currency can be specified here)</li><li>• <b>Profit (%)</b> - a revenue in percent value</li></ul>
<b>Time</b>	<p>The billed time</p> <ul style="list-style-type: none"><li>• <b>Income Billed Volume</b> - the whole billed time for origination</li><li>• <b>Outcome Billed Volume</b> - the whole billed time for termination</li></ul>
<b>Cost</b>	<p>The call cost</p> <ul style="list-style-type: none"><li>• <b>Income Cost</b> - a call cost that is used for origination</li><li>• <b>Outcome Cost</b> - a call cost that is used for termination</li></ul>
<b>Other output settings</b>	
<b>Order by</b>	<p>Select parameters to sort already grouped data in columns. There are the following accessible options to order the data: <b>by Time, Clients, Extras</b>.</p> <p>Here you can sort data <b>from highest to lowest values</b> (or vice versa) and select different values.</p>
<b>Type</b>	<p>Choose a report format from a drop-down list: <b>Web/CSV/Excel XLS/Excel XLSx</b></p> <p>Also, select a table view next to the <b>Type</b> field:</p> <ul style="list-style-type: none"><li>• <b>Plain</b> - a simple table view</li><li>• <b>Grouped</b> - a table view with grouped data and possibility to collapse/expand it</li></ul> <div><p> <b>Attention</b></p><p>Please note that the <b>Grouped</b> type of a table view is available only for <b>Excel XLSx</b> and <b>Web</b> formats, it doesn't work with <b>CSV</b>.</p></div>
<b>Limit</b>	<p>Determine the number of rows that will be visible in the report. It is useful for displaying some top positions by a chosen parameter. It is available only for the <b>plain</b> type of report.</p>
<b>Send to</b>	<p>You can send generated reports via email. Also, it is possible to specify several emails.</p> <div><p> <b>Attention</b></p><p>This feature is available only for <b>CSV, Excel XLS, Excel XLSx</b> formats of the report, it doesn't work with <b>Web</b>.</p></div>
<b>Currency</b>	<p>Specify a currency for the report.</p> <p>All values will be automatically converted to the specified currency in the report.</p>

<b>Code Deck</b>	<p>Using a drop-down list, select a respective code deck. All code names will be rewritten and presented according to the specified code deck.</p> <p>If there is no value specified, the code deck assigned to the Client or Rate Table will be in usage.</p>
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A generated profit report is demonstrated on a screenshot below:

Screenshot: Profit report section

**Profit Report**

**FILTERS**

Period: Yesterday | 2018-02-19 00:00:00 — 2018-02-19 23:59:59 | UTC

Reseller: Reseller 1

Mode: All visible

Group By: Month x Service Name

**OUTPUT**

Order By: [Dropdown]

Limit: No limit

Type: Web | Plain

Currency: USD

Code Deck: [Dropdown]

**Table Data:**

Month	Service Name	Unit	Volume Total	Income Cost	Income Avg Rate	Income Billed Volume	Outcome Cost	Outcome Avg Rate	Outcome Billed Volume	Profit	Profit (%)
02/2018	Calls	min	1.30	11.0250	4.2404	2.60	0.0000	0.0000	0.00	11.0250	N/A
02/2018	N/A	N/A	N/A	63.0000	0.0000	0.00	0.0000	0.0000	0.00	63.0000	N/A

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.

### 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;
- other parameters are rounded to the nearest ten thousandths. For example, 3.879256 to 3.8793.

## Creating a Query Template

A user can create a template for profit 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 form

**Reports Templates**

**PROFIT REPORT**

Title: [Text Field]

Reseller: all resellers

Visibility: Private

☐ WATCH (NOT AVAILABLE FOR WEB OUTPUT TYPE)

Recipients: [Text Field]

Run Time: 06:00

Run Time Timezone: UTC

Days of Week: Mo x Tu x We x Th x Fr x Sa x Su x

**REPORT QUERY**

**FILTERS**

Period: Yesterday | 2018-02-19 00:00:00 — 2018-02-19 23:59:59 | UTC

Reseller: Reseller 1

Mode: All visible

Group By: Month x Service Name

**OUTPUT**

Order By: [Dropdown]

Limit: No limit

Type: Web | Plain


Currency: USD

Code Deck: [Dropdown]



OK Cancel Apply

Section	Description
Profit Report	Here you can specify parameters for the template that will be used while running reports
	<b>Title</b> Specify a name of the template
	<b>Reseller</b> Indicate a Reseller of the report template


	<p><b>Visibility</b></p> <p>It allows controlling the visibility of respective reports templates. Whether you want to keep templates private or leave them visible for users under a specified Reseller.</p> <p>To enable this option, select one parameter from the drop-down list:</p> <ul style="list-style-type: none"> <li>• <b>Public</b> - available for users according to the settings of the <b>Reseller</b> field;</li> <li>• <b>Private</b> - accessible strictly for a creator.</li> </ul>						
<b>Watch</b>	<p>This tool allows to generate reports automatically at the appropriate time and send the results to the list of e-mails</p> <div style="background-color: #ffffcc; padding: 10px; margin: 10px 0;"> <p><b>⚠ Attention</b></p> <p>Please note, this tool is not available for <b>Web</b> output type, only for <b>CSV/Excel XLS/Excel XLSx</b>.</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"><b>Recipients</b></td><td>Specify recipients: it can be your own email, other users of the system or even 3rd parties</td></tr> <tr> <td><b>Run Time</b></td><td>Define an appropriate time to generate a report automatically. It could be several times, for example, <b>10:00, 12:00, 18:00</b></td></tr> <tr> <td><b>Days of Week</b></td><td>Indicate days of the week to generate a report automatically. For example, you can run a report only on Monday or each day of week</td></tr> </table>	<b>Recipients</b>	Specify recipients: it can be your own email, other users of the system or even 3rd parties	<b>Run Time</b>	Define an appropriate time to generate a report automatically. It could be several times, for example, <b>10:00, 12:00, 18:00</b>	<b>Days of Week</b>	Indicate days of the week to generate a report automatically. For example, you can run a report only on Monday or each day of week
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<b>Days of Week</b>	Indicate days of the week to generate a report automatically. For example, you can run a report only on Monday or each day of week						
<b>Report Query</b>	Here you need to specify filters that will be used for generating a correct report and choose the output type to view the report.						

To preview or load already existing templates while generating statistic reports, click the **Load Query** button and click on a template name or a  icon, respectively.

## Export a Generated Report

You can export data to **XLSx** or **CSV** file, which contains currently presented data by clicking the **Export to XLSx** or **Export to CSV**  button respectively. Please note that **Export to CSV**  is available only when the **Type** of the output is **Plain**.

### ⚠ Attention

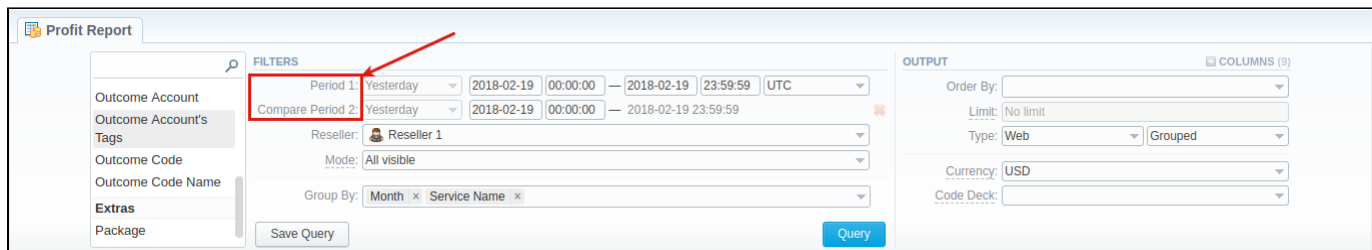
You can check an **actual date interval** of the report by clicking the **Info**  icon, and it could be different from **the Interval** specified above if there is no data for the period.

## 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 Period** option is designed to create a report that shows two sub-reports side-by-side.

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

Screenshot: Profit Report query form



Then, 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 profit of the two periods is, choose the **Profit** value from the Columns. Therefore, the final report splits **Profit** into separate columns (see screenshot below).

Screenshot: Profit Report query form

Profit Report

Extras

Package

Clients

Income Client

Income Account

Income Code

Income Code Name

FILTERS

Columns for main period:

Total Time, min × Profit × Profit (%) × Income Cost × Income Avg Rate × Income Billed Time × Outcome Cost × Outcome Avg Rate × Outcome Billed Time ×

Columns for comparative period:

Income Cost × Income Avg Rate × Income Billed Time × Outcome Cost × Outcome Avg Rate × Outcome Billed Time × Profit × Profit (%) ×

Group By: 

Month

Save Query

Query

OUTPUT

COLUMNS (9)

Export to XLSx

Month		Total Time, min	Profit		Profit (%)		Income Cost		Income Avg Rate		Income Billed Time		Outcome Cost		Outcome Avg Rate		Outcome Billed Time	
P1	P2		P1	P2	P1	P2	P1	P2	P1	P2	P1	P2	P1	P2	P1	P2	P1	P2
07/2016	07/2016	19.65	3.0	3.0	0.00	0.00	3.0	3.0	0.152	0.152	19.65	19.65	0.0	0.0	0.000	0.000	0.00	0.00
08/2016	08/2016	293.97	-73.1	-73.1	-40.82	-40.82	106.0	106.0	2.853	2.853	37.13	37.13	-179.0	-179.0	1.557	1.557	114.97	114.97
06/2016	06/2016	0.00	79.8	79.8	260.24	260.24	110.5	110.5	0.000	0.000	0.00	0.00	-30.7	-30.7	0.000	0.000	0.00	0.00
05/2016	05/2016	0.00	120.7	120.7	0.00	0.00	120.7	120.7	0.000	0.000	0.00	0.00	0.0	0.0	0.000	0.000	0.00	0.00

Export to XLSx



Month		Total Time, min	Profit		Profit (%)		Income Cost		Income Avg Rate		Income Billed Time		Outcome Cost		Outcome Avg Rate		Outcome Billed Time	
P1	P2		P1	P2	P1	P2	P1	P2	P1	P2	P1	P2	P1	P2	P1	P2	P1	P2
07/2016	07/2016	19.65	3.0	3.0	0.00	0.00	3.0	3.0	0.152	0.152	19.65	19.65	0.0	0.0	0.000	0.000	0.00	0.00
08/2016	08/2016	293.97	-73.1	-73.1	-40.82	-40.82	106.0	106.0	2.853	2.853	37.13	37.13	-179.0	-179.0	1.557	1.557	114.97	114.97
06/2016	06/2016	0.00	79.8	79.8	260.24	260.24	110.5	110.5	0.000	0.000	0.00	0.00	-30.7	-30.7	0.000	0.000	0.00	0.00
05/2016	05/2016	0.00	120.7	120.7	0.00	0.00	120.7	120.7	0.000	0.000	0.00	0.00	0.0	0.0	0.000	0.000	0.00	0.00