JeraSoft Billing 3.15

In this article

JeraSoft is excited to announce the major release of **VCS 3.15**. This version includes a variety of features and system capabilities for VCS users. The full list of changes is provided below.

Major Updates

Management API - XML-RPC deprecation

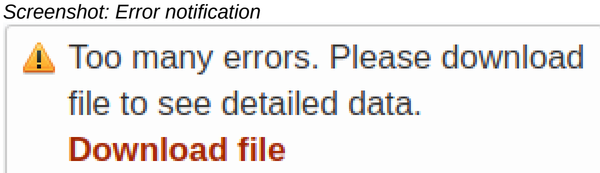
We'd like to remind you about a key change that took place in **3.14.0** - support of **XML-RPC protocol** in **Management API** was deprecated and it will be completely removed in **3.16.0**. At the same time, **JSON-RPC** is and will be further supported.

Rate Tables

A series of changes and improvements have been introduced to the section, including:

- In case numerous errors occurred while **importing** rates, you will be displayed the respective notification:

Screenshot: Error notification



By clicking on **Download file**, a ***.csv*** file with the following columns is downloaded:

Column	Description
Sheet	Index number of the sheet, where error occurred
Line	Line of the sheet, where error occurred
Errors	Description of the error that occurred

Screenshot: .csv file with detailed error data

Sheet	Line	Errors
1	1	Incorrect rate specified
1	2	Incorrect rate specified
1	3	Incorrect rate specified
1	4	Incorrect rate specified
1	5	Incorrect rate specified
1	6	Incorrect rate specified
1	7	Incorrect rate specified
1	8	Incorrect rate specified
1	9	Incorrect rate specified
1	10	Incorrect rate specified

Attention

Starting from VCS 3.15.0, any rate table will no longer contain **Rate Formulas** tab, where user was able to specify the number of seconds system would consider as a minute

- While importing rate tables, a list of columns in **Code Rules** information block has been renamed, reordered, and enhanced:
  - **Service** column has been added
  - **Effective From** column has been added
  - **Time Profile** column has been renamed to **Profile**
  - **AZ Mode/ Close in (days)** column has been moved to **Step 2: Import Settings**

  In 3.15.0, **Code Rules** structure is as follows:

Screenshot: Code Rule information block

- **Simulate** tab from now on works only with rates, whose status is ***Active***
- ***Effective From*** field has been renamed to ***Effective Date***

Rate Notification

A couple of crucial improvements of **Rate Notification** service have been added to the this version.

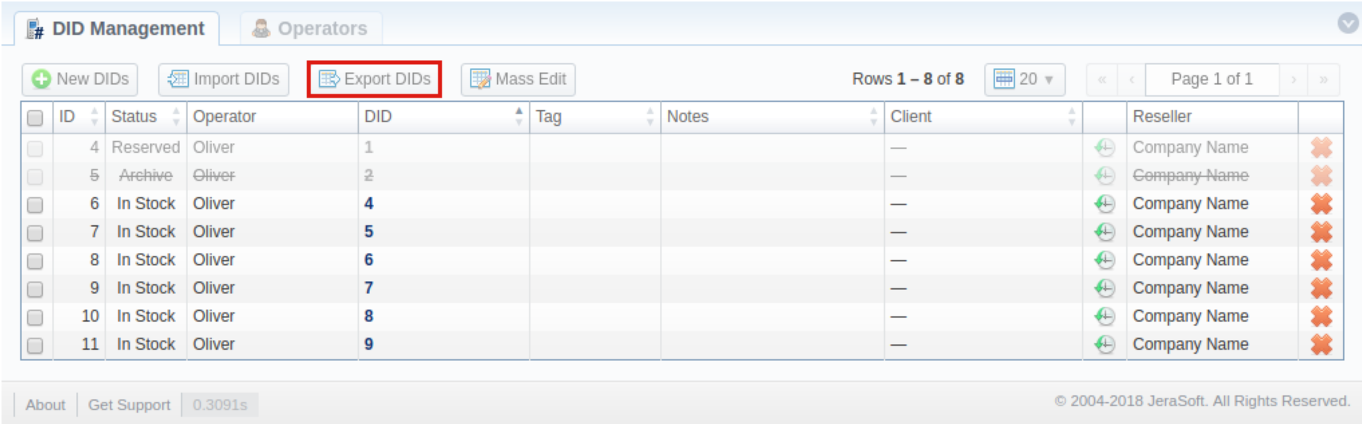
- From now on, if any rate table (child) in the system has the assigned parent rate table, clients will be notified through **Rate Notification** service about changes in **both tables**.
- If child and parent rate tables both have the rule for the same code, priority is given to a **child one**. However, if the rule in a child rate table has expired due to ***End date*** field value, and a parent rule is still active, notifications will regard the latter one.

DID Management

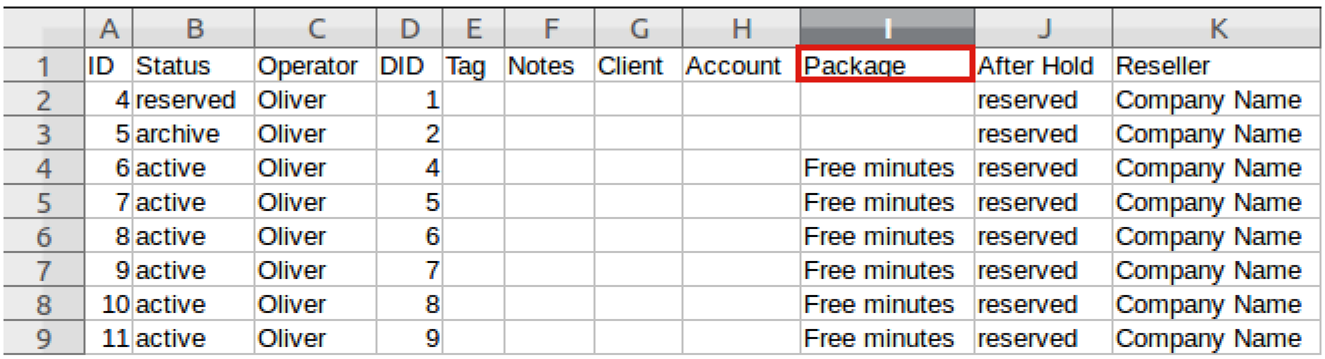
The following major features have been added to **DID Management** section:

- To make **DID Management** section more versatile, a new **Export DIDs** button has been added. By pressing the button, a download of a ***.csv*** file of current section table is initiated. Not only does the file contain all columns of section table, but it also includes a **Package** column, where respective package name is indicated.

Screenshot: Export DIDs button



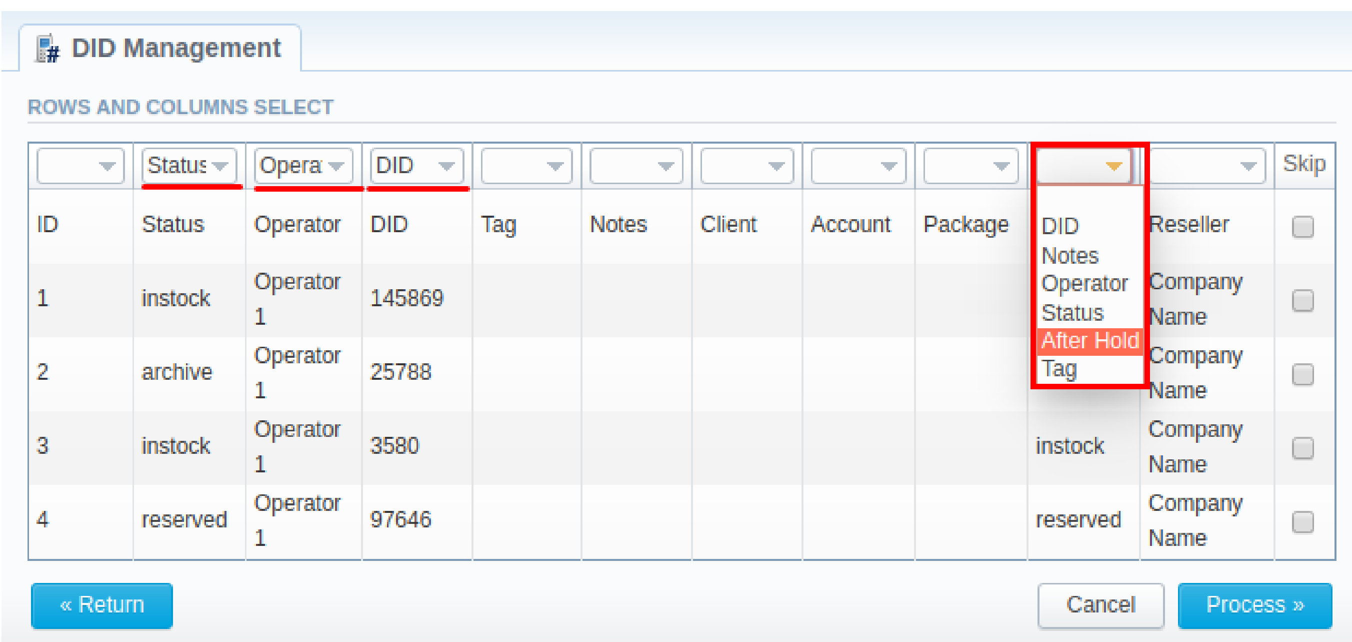
Screenshot: Package column in exported file



	A	B	C	D	E	F	G	H	I	J	K
1	ID	Status	Operator	DID	Tag	Notes	Client	Account	Package	After Hold	Reseller
2	4	reserved	Oliver	1						reserved	Company Name
3	5	archive	Oliver	2						reserved	Company Name
4	6	active	Oliver	4					Free minutes	reserved	Company Name
5	7	active	Oliver	5					Free minutes	reserved	Company Name
6	8	active	Oliver	6					Free minutes	reserved	Company Name
7	9	active	Oliver	7					Free minutes	reserved	Company Name
8	10	active	Oliver	8					Free minutes	reserved	Company Name
9	11	active	Oliver	9					Free minutes	reserved	Company Name

- Throughout the whole section, namely in the section table, on a DID creation page and during DIDs import/export, ***Notes*** field is added. It allows user to leave a detailed clarification or any additional information regarding a certain DID.
- When selecting rows and columns during DIDs import, now you can specify not only **DID** columns, but **Operators, Status, After Hold, Tag** columns as well**.** Check out our User Guide for more information.

Screenshot: Rows and Columns select



Client Portal

- In order to make access to **Client Portal** easier and less complicated, the following steps have been undertaken:

- ***Enable client's panel*** checkbox in **Settings** section has been removed.
- ***Access*** select field from **Client profile** settings has been deleted.
- ***New Password*** field is now renamed to ***Password***.

Now, to get into Client Portal, all you need to do is simply set ***Login*** and ***Password*** fields in **Client's Panel** information block of respective profile settings and access the portal. More info on accessing Client Portal can be found in this User Guide article.

- On the Client Portal, the **Detailed** page of **Usage History** section has a completely reworked ***Package*** field. Now, you can choose one of the following options from the drop-down list:

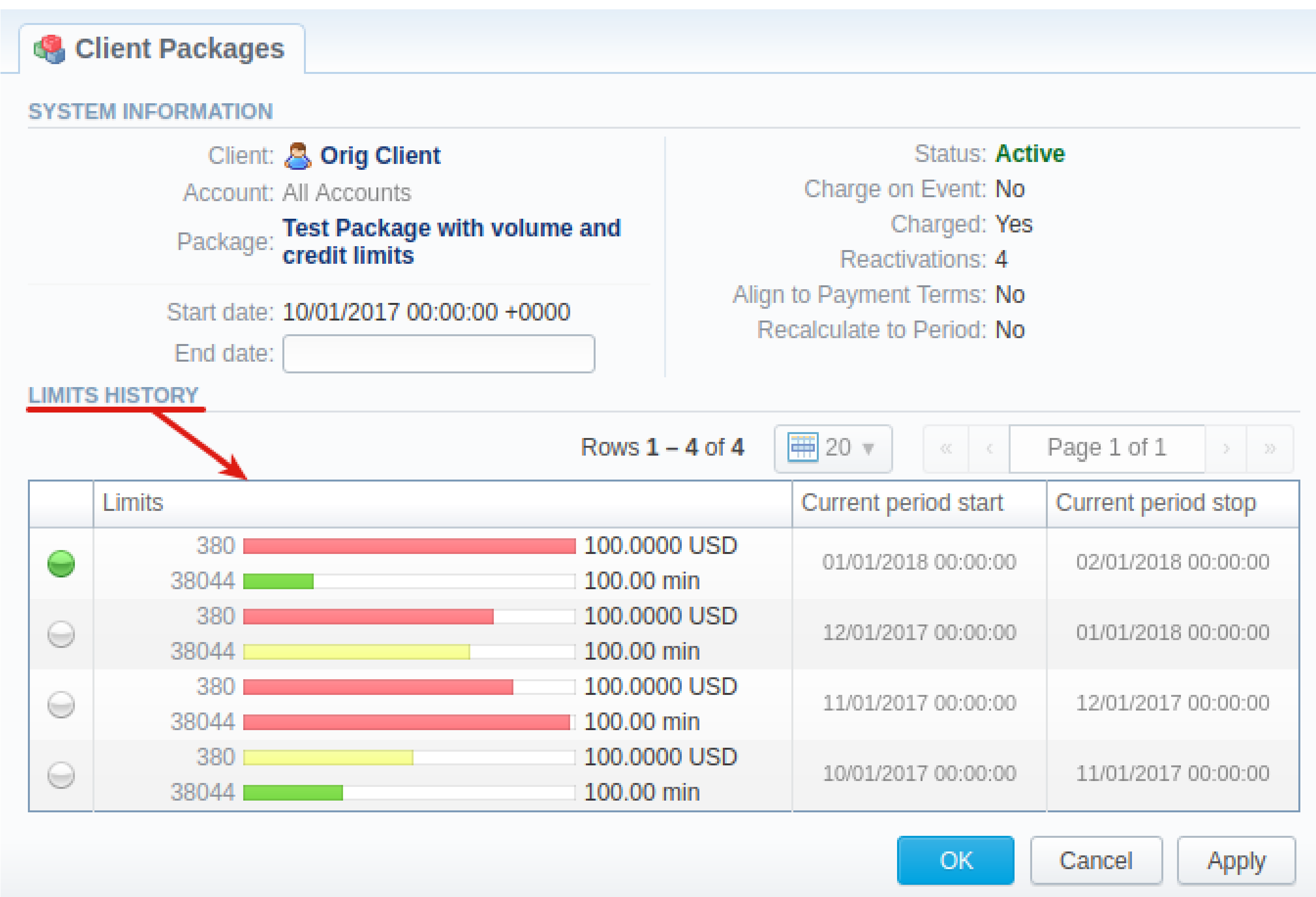
Option	Description
Leave empty	If selected, all calls will be displayed
Without packages	If selected, only calls that are not included into package will be displayed
Package name	If selected, only calls within this particular package will be displayed. **Note** The number of packages names on the drop-down list depends on the amount of packages assigned to the corresponding user

Screenshot: Package field on Client Portal

Client Packages

- To keep track of all the changes of package limits, a new **Limits History** information block has been added. This information is available for user in an **Edit Client's Package** pop-up window and speculates on the amount of package limits, used during each period.

Screenshot: Limits History information block



- In earlier versions, if a client had a negative balance, and a new package was assigned to him, this package would not activate. Now, user can assign a package to a client disregarding his current ballance.

Factors Watcher

Attention

In the previous version, user could come across an issue when **Factors Watcher** would block all termination client's accounts instead of termination clients himself according to the watcher rule. In **3.15.0**, this issue has been solved.

Minor Updates

ECSS-10 Integration

VCS 3.15.0 introduces a new integration with **ECSS-10 Softswitch** via RADIUS. A detailed information on this topic can be found in our Integration Manual.

VCS directories

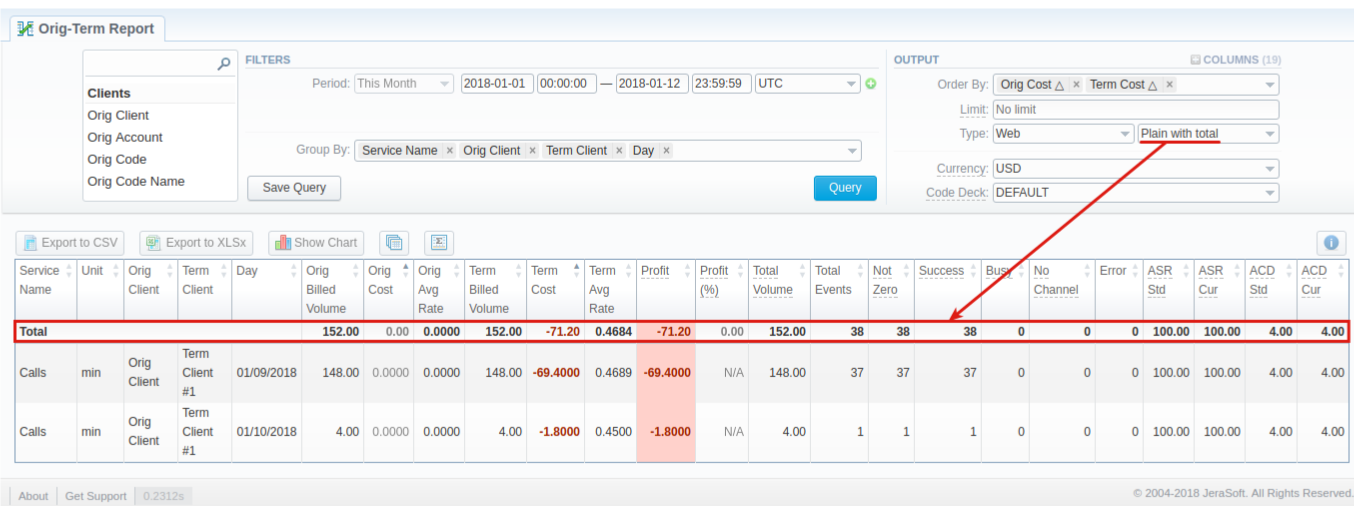
The following JeraSoft VCS directories have been renamed:

- ***/opt/jerasoft/vcs-data/external/cdrs*** folder is now ***/opt/jerasoft/vcs-data/external/xdrs***
- ***/opt/jerasoft/vcs-data/external/cdrs_parsed*** folder is now ***/opt/jerasoft/vcs-data/external/xdrs_parsed***
- ***/opt/jerasoft/vcs-data/external/cdrs_corrupted*** folder is now ***/opt/jerasoft/vcs-data/external/xdrs_corrupted***

Orig-Term Report

- Previously, when output type was set to **Plain**, Orig-Term Report always contained **Total** row, where total figures for each column were displayed. With the introduction of a new **Plain with total** output type, it became fully custom. Now, by choosing a desired type, it's you who determine whether a report is going to include a **Total** row or not.

Screenshot: Total row in Orig-Term Report



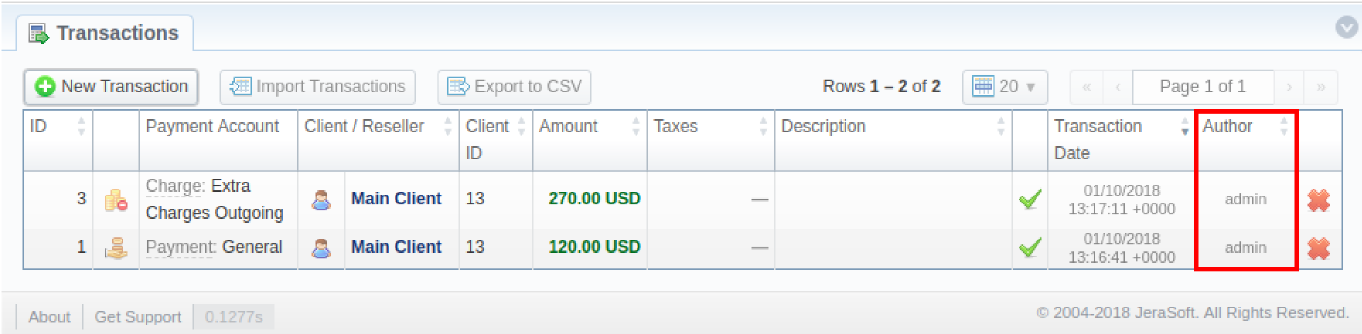
Invoices Templates

- While specifying columns that will be included into xDR file, attached to **PDF** invoice in **Invoice Template**, you'll be able to select **Taxes** column st arting from this version.

Transactions

Since it's considered a good practice to regulate the process of adding new payments and charges, the **Author** column has been added to the system. Whenever a new transaction (irrespective of its type) is added **manually** by a user through **Transactions** section in **JeraSoft VCS** or **Refill Balance** page on **JeraSoft Client Portal**, his/her name is displayed in the respective column. In case of automatically generated transaction, however, this column is left empty.

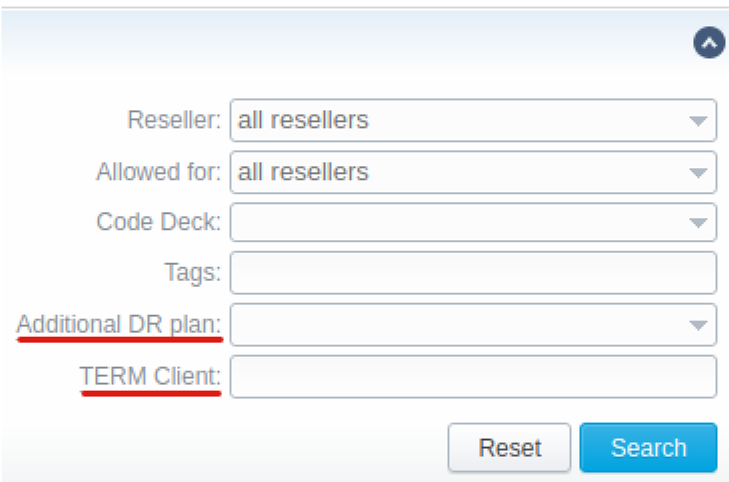
Screenshot: Author column in Transactions section



Routing Plan

- Two additional fields have been added to **Advanced Search** drop-down menu ( ) in **Routing Plan** section:
  - ***Additional DR plan*** - only those routing plans that have the selected plan assigned, as an additional one, will be displayed
  - ***TERM Client*** - if the selected termination client is assigned to a plan rule, such DR plan will be displayed

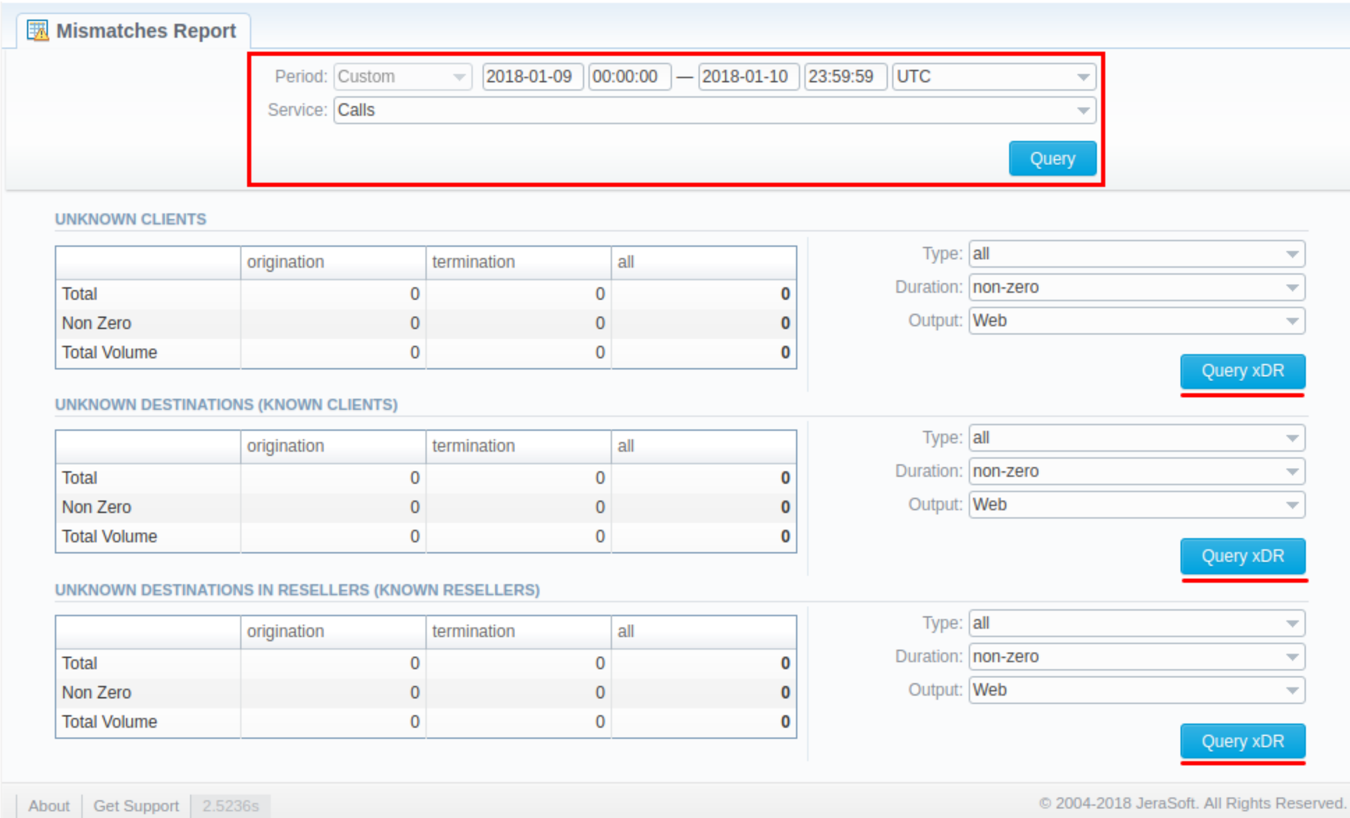
Screenshot: Advanced Search drop-down menu in Routing Plan section



Mismatches Report

To make the process of report creation easier for users, it was decided to relocate **Search** fields from drop-down menu to a **section header** right on top of main area. Moreover, **Query** buttons in main area have been renamed to **Query xDR**.

Screenshot: Mismatches Report

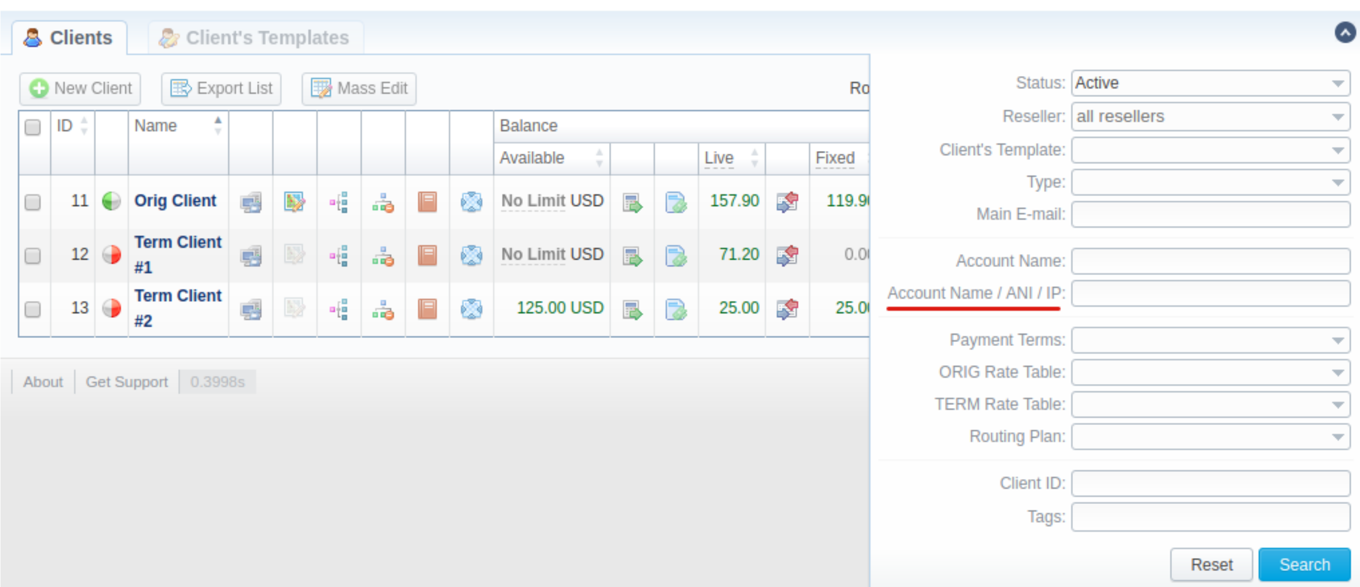


Clients/Accounts

The following changes have been made to **Advanced Search** drop-down menu (   ) in **Clients** and **Accounts** sections:

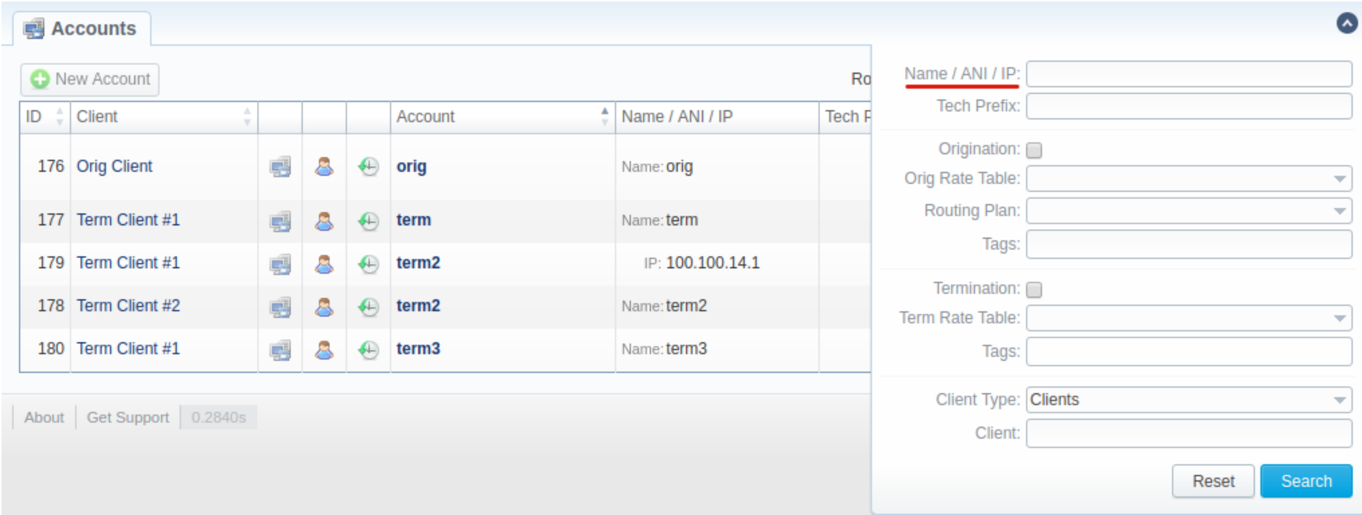
- **Clients** section:
  - ***Account IP*** field has been renamed to ***Account Name / ANI / IP***

Screenshot: Advanced Search drop-down menu in Clients section



- **Accounts** section:
  - ***Name, ANI,*** and ***IP*** fields have been united into a single ***Name / ANI / IP*** field

Screenshot: Advanced Search drop-down menu in Accounts section


Accounts
New Account
Ro
ID
Client
Account
Name / ANI / IP
Tech P
176 Orig Client orig Name: orig
177 Term Client #1 term Name: term
179 Term Client #1 term2 IP: 100.100.14.1
178 Term Client #2 term2 Name: term2
180 Term Client #1 term3 Name: term3
About
Get Support
0.2840s
Name / ANI / IP:
Tech Prefix:
Origination:
Orig Rate Table:
Routing Plan:
Tags:
Termination:
Term Rate Table:
Tags:
Client Type: Clients
Client:
Reset
Search