JeraSoft Billing 3.3

JeraSoft is pleased to announce the release of VCS 3.3, which brought lots of additions and improvements. This document will describe the new features and also provide information regarding their usage. All relevant information regarding smaller changes can be found in change log for VCS 3.3.

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Invoice Template Builder

This tool allows you to create your own invoice templates, for use in different circumstances, for example if you own few companies, and each company requires its own customized invoice. To use this feature you need to access *Configuration – Invoices Templates* section and proceed with browsing default templates or creating a new one.

When creating new template you will see the interface similar to one of the popular text processors (OpenOffice, MS Word). The whole process is following:

- Add a table to your workspace, right-click on it and define table class (stats, cdrs, packages,positions);
- Fill table with relevant information which should be present in invoice, by using functional variables, which you can pick from a list provided in same window;
- After invoice template is created, fill in its name and click OK;
- Go to *Management – Resellers*, and in reseller's properties select your invoice template. This will insure that all customers of this reseller will be using this template.

Reports to e-mail

This feature belongs to system Core Billing Module and will be available to all VCS users. This tool allows you to send Summary or Orig-Term reports to e-mail, to keep yourself informed about traffic status without need to login into system and request reports.

To access it, please go to *Statistics – Reports to E-mail* section. Press respective button for adding Summary or Orig-Term preset and specify how often report should be sent in *“Run”* field, and what last amount of hours of data it should include in *“Interval”* field. Don't forget to specify the e-mail address where report should be sent and correctly set report query, the same way you do for Summary Report and Orig-Term Report. After you save your preset you will be receiving your reports via e-mail.

Transactions import

This addition allows you to import a list of payments to the system, and once again will be available for all VCS users. To use this feature, simply access *Management – Transactions* section, click on *Import* button and follow on-screen instructions. There are only 4 important fields that your file should include, being: customer name, payment sum, payment date and payment description.

Rate Addendums

This feature is part of Rates Management module and will only be available to those, who have this module installed. This will allow you to send rate changes to your customers within VCS' interface. In short – if your customer has his rate table updated by some means, system will automatically generate and send notification e-mail to that customer with information what rates were increased/decreased/closed etc.

Here is how you can set Rate Addendum notification for one of your particular customers:

- Go to *Management – Clients* and open your customer's properties page;
- Find *“Rate Notification”* box and enable it;
- Don't forget to specify notification parameters: “Format” of the attachment with rate details, “Notify type” for displaying full current price list, or changed rates only, and “Last Notified for” – day when system notified your customer last time (this date is used to get actual updates to rate table by system). Finally, *“Notify Now”* button allows you to generate and send such notification manually.

In general, setting this tool to work is as simple, as *Autoinvoicing*.

Extended Statistics Data

This is little something for statistic reports, available to all users:

- Summary and CDRs List Reports now provide *PDD (Post Dial Delay)* and *SCD (Session Connect Delay)* quality parameters and *In / Out Bytes* and *Codes Info*. Please note, that these parameters are not supported by all switches, so for some switch models these values will be empty;
- Summary and Orig-Term Reports have gained “Rate” grouping for Group By fields – which now will provide actual rates for currently displayed criteria, not average ones. Please note that these rates are not ones picked from rate table prior to statistics query, these are the prices that were used to bill respective calls, thus providing you most precise rate information possible.

Rates Generator

This major addition to Rates Management module will only be available to those who have this module installed within their VCS system. This tool allows you to create price lists for your customers by picking and analyzing data from multiple sources (other rate tables or termination providers within the system). In current release Rates generator was greatly improved and now can provide you the following benefits in price lists generation:

- Selectable results: from now on only you define, what resulting price will be taken for your customer, simply select first cheapest or any of the following rates;
- Fake rates protection: system will seek and get rid of unusually low rate proposals, which usually provide only FAS, extremely low quality or even fraud routes;
- Quality selection: now you can select providers with set amount of passed minutes of specific destination with specific quality parameters and, in addition, now you are able to set a price even on codes which were left behind in the search, to show theoretic capability of routing;
- Code Deck adjust: adjust your results by using code deck template – select appropriate routes allowed by your template and discard useless routes for particular case;
- Price List optimization: optimize your results by merging longer codes into shorter ones or even prices for codes of same length inside same code name by specifying your custom criteria.

All of this is accessible in *Tools – Rates Generator* section, simply create new generator profile and pick any of provided options. Mousehover the options, if you need additional information about their usage.

Billing by Access Numbers

In this version Rate Tables got the ability to apply additional Extra Rate to destinations. This is useful for easy and proper billing by access numbers. This function will be available only to systems with installed Rates Management module. To apply Extra Rates to customer traffic you need to do the following:

- Go to *Configuration – Client Groups* and create a group of *Orig Traffic* type named *Toll Free Group*;
- Go to *Management – Clients* and open customer's presets tab;
- Find *Traffic Processing* and perform a translation of Orig type, which says the following: in case call comes from defined access number (use *Src Match* field), put this call into *Toll Free Group*;
- Open Rate Table of this customer, go to *Extra* tab and apply extra rate for all calls in *Toll Free Group*.

Routing by SRC Number / Orig Group

From now on, Routing Module got the function of providing routing based on src numbers, in addition to usual destination number routing. To use this type of routing you can do the following:

- Go to *Configuration – Client Groups* and create a group of *Orig Traffic* type;
- Go to *Management – Clients* and open customer's presets tab, find *Traffic Processing* and perform a translation of Orig type, which says the following: in case call comes from specific src number (use *Src Match* field), put this call into group you just created (for routing by src number);

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- Go to *Management – Clients*, open customer's accounts tab, and put an origination account into the group you just created (for routing by orig group);
- Go to customer's *Routing Plan* and specify in routing rule “Allow routing only for following groups”, where select orig group you've just created. This will insure that current rule will be applied only for traffic that belongs to specified group (either all traffic from designated src number(s) or from specified customer's account, belonging to an orig group).