

## **Release Notes**

Release 1.5.12  
Date August 22, 2011

This document describes all features, enhancements and issues associated with AVAVoIP, release 1.5.12.

The document includes the following sections:

- New features — summary of all new features for the current release.
- Maintenance notes – details about fixed issues with current release
- System requirements — information on system prerequisites.
- Installation and upgrade notes — instructions about installation and migration.

## New features

### AVAVoIP

- Destinations – new functionality which consolidates all destinations in the system by prefix to allow coherent representation of data and workflow
- Destination Groups– new functionality which allows improved tariff management experience: create destination groups to easily filter existing or generate surrogate destinations; link tariffs; and apply markup on carrier rates to generate billing rates etc.
- Proration of custom charges – enhanced the custom charges functionality to allow proration; granular recurrence management; improvements to itemization of custom charges per account
- Customizable Invoice Layout – allows granular customizations of what sections of the invoice to be printed in the PDF invoices
- Reverse of un-invoiced transactions – allows correction of un-invoiced transactions in the current billing period
- Account Locking – functionality to lock accounts based on prorated balance; locked accounts continue to be billed but cannot use the service; accounts can be manually locked and unlocked
- Account Beginning Balance – ability to specify opening balance for new accounts
- Block routes - functionality to allow blocking of specific destinations within route sets
- Invoice on account deactivation - functionality to generate closing invoice on account deactivation
- Residual Balance Report – revenue assurance report to show all inactive accounts outstanding balances
- System Jobs Report – the report allows administrators to monitor and control execution of automated jobs and manual CLI utilities; jobs can be started and stop from the UI
- CDRs, Reports and downloaded files to be based on disconnect time
- CDR Lookup jobs – functionality to generate large CDR lookup requests in the background
- Multiple UI enhancements – e.g. progress indicator in data grids; double click functionality, etc.

### AVAVoIP CRM

- Limit Buy Credit by day – functionality to limit the total top up amount per day per account
- Automatic Recharge of balance after invoice generation
- Username Retrieval – functionality for end users to retrieve their username by email

### Miscellaneous

- System Log Report – optimized performance, added more useful information about process execution
- Activity Log Report – enhanced report performance and added new information such as user IP etc.
- Account invoices performance optimizations and display improvements
- CDR Lookup Report – improvements to View Details, added Account ID and Carrier ID, Session Duration
- Account Call History Report – enhancements and display optimization
- Routing - improved the functionality to better handle large data sets
- View rates - improved the functionality to better handle large data sets

## **AVAVoIP**

### **VoIP Billing System**

- Custom charges – functionality to allow setting manual effective dates
- Invoices – added fields for VAT Number and PayPal payment details
- Yate Cluster – functionality to use multiple Yate MySQL CDR servers and monitor in real time reports; functionality to use OpenSIPs as dispatcher and load balancer of YATE cluster for large production environments

## **Maintenance notes**

The following issues have been fixed with the current release:

- Current Calls Report – fixed issue with updating termination IPs
- Account Balance Script – enhanced and improved functionality
- Edit Account Details – fixed issues with update of Billing and Contact Info
- Notifications – fixed issues with balance due amount in e-mails
- Reports – fixed issues with discrepancies between invoice and account reports due to rounding as well as issues with display, grid sorting, files download, UI
- Total Revenue Report – fixed minor issues, enhanced usability, tuned performance
- Total Cost Report – fixed minor issues, enhanced usability, tuned performance
- Receivable Aging – fixed minor issues, enhanced usability, tuned performance
- Revenue Assurance Reports – improved to provide cost detail by carrier
- Critical Balance Report – fixed issue with current balance, added prorated balance
- Transaction Report – fixed issues with sorting and download
- Changing of account plan – fixed issues with invoice date
- Closing Invoices – fixed issues with prepayments
- Manual Invoicing – fixed issues with transactions, sending notifications, invoice period
- Provisioning – fixed issue with locking during provision tariffs and issues with different effective time of rates
- Account Endpoints – fixed issues with editing fields
- Calling Cards IVR Script – fixed issue with authorization of second call
- Fixed issue with difference of invoiced amount and current balance
- Fixed issue with export Tariffs when the decimal separator is comma
- Fixed issue with Unknown Country in Reports
- CDR agent – improved to handle characters on destination numbers (the “+” sign)
- CDR download reports – added call setup time data
- CDR processing – improved functionality to gracefully close hung calls
- Fixed issue with tariff end time at 24:00

## **System requirements**

No changes to system requirements.

## **Installation and upgrade notes**

No changes to the installation and upgrade processes.