AVAVoIP
VoIP Turn-key Solution

AVAVoIP is a carrier-grade VoIP turn-key solution created from ground up to meet the challenges of the today's dynamic VoIP world. The system enables service providers to gain flexibility in all areas of the billing process: pricing, rating, invoicing, settlement, balance management, reporting, revenue assurance and accounting. AVAVoIP is available as a turn-key solution (integrated with Asterisk and Yate) and as a service (as a Cloud and an On-premise solution).

Business Case

Calling Cards remains a major segment in the enhanced telephony services. Calling Cards operators usually target niche markets segmented by various demographic or ethnic characteristics. Calling Cards have been especially popular for making low cost international calls.

Target Customers

- ISPs, ASPs and ITSPs who want to extend and enhance their services
- Providers who wish to attract niche target retail markets or ethnic groups
- Call Shop and Internet Café operators who want to expand their services
- Telephony service providers with established retail networks
- Carriers in countries with heavy regulatory burden on telecommunications
- Entrepreneurs in regions with problems with internet and electricity

Solution

We provide a comprehensive solution for the Calling Cards business model. Coupled with open source Asterisk server our platform offers a turnkey Calling Cards solution. Backed by its carrier grade real time call authorization and call accounting platform as well as its flexible billing and CRM solutions our platform minimizes the time to market and total cost of ownership.

Core features

- Ability to create multiple prepaid packages in user subscription plans
- Prepare custom recurring, one time or manual charges and fees
- Prepare and customize PIN batches
- Track PIN activation and PIN utilization
- Flexible priority routing based on: priority, cost, quality, prefix match
- Real time IVR call authorization and call routing
- One stage and two stage call authorization + mixed
- Real time call rating, costing and margin calculations
- Call failover of up to 5 best routes for best end user experience
- Comprehensive revenue assurance reports for profitability analysis
- Comprehensive traffic reports for assessing routes performance
- Ready to use package with Asterisk servers
- Top-up account through IVR/CRM using PIN voucher
- Announcement of available account balance or minutes
- Support different IVR languages

Details

Single Stage Authentication
- End user has provisioned his/her calling number in the system
- End user makes call to service provider access number
- The IVR server uses the incoming calling number to authenticate the user
- IVR server requests destination number
- IVR server performs service authorization based on current account balance
- The system routes the call via VoIP termination provider
- On call hang-up the system rates and records the call

Two Stage Authentication
- End user makes call to service provider access number
- IVR server prompts the user to enter PIN number for authentication
- IVR server requests destination number
- IVR server performs service authorization based on current account balance
- The system routes the call via VoIP termination provider
- On call hang-up the system rates and records the call

Automatic CallerId Retrieval

- End user makes call to service provider access number
- IVR server prompts the user to enter PIN number for authentication
- System gets the calling number and provision it in the system
- IVR server requests destination number
- IVR server performs service authorization based on current account balance
- The system routes the call via VoIP termination provider
- On call hang-up the system rates and records the call

Please contact us if you need more information.