

## **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***

VoIP has quickly entered the lives of many people who wish to minimize telephony costs and at the same time increase the number of extra services.

### ***Target Customers***

- ISPs, ASPs, ITSPs who want to extend and enhance their retail services
- Companies starting Vonage-like services to residential customers
- Providers who wish to attract niche residential markets or ethnic groups
- Providers who want to implement hosted services for small enterprises

### ***Solution***

Our platform provides a comprehensive package for telephony service providers to enter the residential and retail markets with minimum efforts and cost. With our package we provide the basis platform for your ITSP network. Our open architecture and interoperability allows customers to chose from vast array of third party telephony adapters or soft phones to customize their offering.

### ***Core features***

- Prepare postpaid and prepaid packages in user subscription plans
- Prepare custom recurring, one time or manual charges
- Flexible routing based on: priority, cost, quality, prefix for maximum margins
- Real time call authorization and call routing
- 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

### ***Process***

#### **User P2P Calling**

The feature is similar to Skype-to-Skype service. The business case implements scenario in which users call other users on system (fake) numbers over the internet. Calls are connected between registered devices or soft phones. If Administrators are not interested to limit the distribution of numbers by subscription plan they can use the System Number Set, otherwise they can create a new number set and use that.

#### **User Online Numbers**

The feature is similar to the Skype Online Number. An Online Number is a number on which anyone can call users from their landline or mobile. Users answer calls on a registered device or soft phone, no matter where they are physically located. Users purchase online numbers from the online CRM portal.

### **User Follow Me (Call forwarding)**

The feature allows users to forward incoming calls to one or more registered devices or to one or more landline or mobile phones. Once setup the incoming calls can be forwarded either simultaneously to all destination targets or sequentially to targets based on forwarding priority.

### **User Local Numbers**

The functionality solves 2 business cases:

1. User calls relatives on local for user number and calls friends and relatives internationally or long distance. This is the same as Skype To-Go-Number. Users purchase local numbers for friends, family and colleagues based abroad. Users associate those numbers with the respective international phone numbers of their friends and dial the local numbers to reach their friends abroad.
2. Relatives call user on local to relatives numbers and user pays for the services. In this scenario user purchases international numbers local for his/her friends or relatives to call him/her from their country. User is charged a flat fixed and/or per minute inbound rates.

The cases are similar to the Follow Me case but exclude forwarding to endpoints. International DIDs must be loaded in the number sets. Users should be able to purchase more than one number and setup call forwarding to their landline or mobile numbers.

### **Subscription Calling**

This is similar to Skype subscriptions feature and is implemented with AVAVoIP Usage Counters. Accounts select a destination to call unlimited or up to fixed limit per month at a discounted rate or at no fee. Accounts pay flat fee for the subscription. Once the fixed limit is exhausted accounts make calls based on the standard outgoing rates in the plan. Accounts can buy any number of subscription options at the same time and all subscriptions are tracked separately. Based on the subscription configurations users can carry over the unused minutes from one month to another. Subscriptions are assigned to Members.

### **Voice Mail**

Residential users can purchase a Voicemail for a recurring fee. Voicemail will be charged only as recurring fee and not per voicemail. When accounts create a voicemail box they will be billed mailbox recurring charge. Residential users can purchase voicemail from the CRM. Residential users are able to access voicemails messages via web.

Please contact us if you need more information.