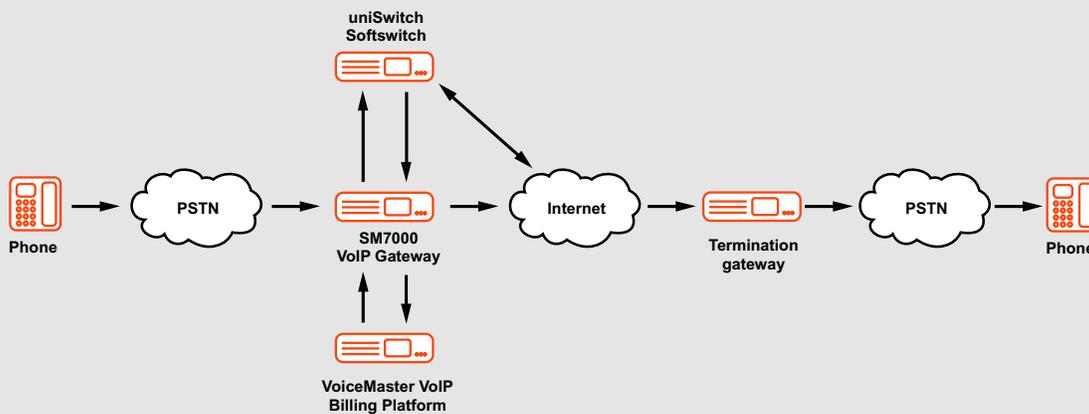# VoiceMaster
VoIP Billing Platform

KEY FEATURES

- Standard and Advanced Billing Functionality
- Advanced Management of Calling Cards
- Multiple Authentication Methods
- Selection of Call Legs for Billing Purposes
- Real-time Monitoring and Alerts
- Comprehensive Reporting
- Virtual Server Partitioning
- Carrier Grade Reliability
- Modular Architecture
- Unlimited Rate Tables
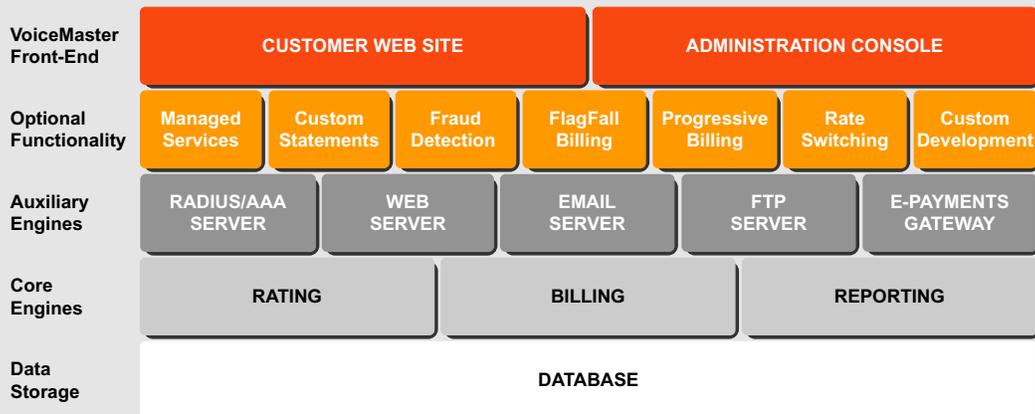- High Call Capacity

Product Overview

VoiceMaster VoIP Billing Platform is the industry's leading billing engine which empowers service providers with all necessary tools to successfully implement a wide variety of VoIP business models. The product features advanced VoIP billing capabilities, carrier grade robustness and high scalability to meet the needs of both emerging and established telecoms and service providers. With unlimited call billing capabilities, VoiceMaster VoIP Billing Platform enables providers to fine-tune their service offerings and capture the most lucrative market segments.

VOICEMASTER VOIP BILLING PLATFORM

NETWORK DIAGRAM WITH VOICEMASTER

VOICEMASTER PRODUCT ARCHITECTURE

VoiceMaster Front-End	**CUSTOMER WEB SITE**			**ADMINISTRATION CONSOLE**		
Optional Functionality	Managed Services	Custom Statements	Fraud Detection	FlagFall Billing	Progressive Billing	Rate Switching	Custom Development
Auxiliary Engines	RADIUS/AAA SERVER	WEB SERVER	EMAIL SERVER	FTP SERVER	E-PAYMENTS GATEWAY	
Core Engines	RATING		BILLING		REPORTING	
Data Storage	DATABASE					

VoiceMaster
VoIP Billing Platform

Standard and Advanced Billing Functionality

VoiceMaster VoIP Billing Platform offers both standard and advanced billing functionality which enables service providers to fine tune their business models and attract the most lucrative customer segments. The product supports both traditional call billing methods, such as initial time charges, sample interval charges, per call charges and others as well as advanced methods, including peak/off-peak, FlagFall, progressive billing and others.

Advanced Management of Calling Cards

VoiceMaster VoIP Billing Platform features complete set of tools for managing calling cards. The product can generate unlimited number of PIN batches, manage PIN activation, deactivation and expiration, impose call restrictions based on dialed number prefix, restrict maximum call time, and others.

Multiple Authentication Methods

VoiceMaster VoIP Billing Platform comes with integrated state-of-the-art RADIUS server which supports multiple user authentication methods. Depending on the business model implemented by a particular service provider, the product can authenticate users by their ANI, DNIS, PIN, IP address, tech-prefix, user name or a combination of those methods.

Selection of Call Legs for Billing Purposes

With VoiceMaster VoIP Billing Platform, providers have the option to specify which call signals (call legs) should be used for rating and billing purposes. Because VoIP equipment exchanges multiple call signals before establishing a connection between two parties, such unique functionality enables providers to better match revenues and expenses and improve profitability.

Real-time Monitoring and Alerts

To ensure early diagnostic and timely problem resolution, VoiceMaster VoIP Billing Platform offers comprehensive real-time monitoring and alert capabilities. The product can notify administrators via email alerts when particular events occur, such as when users sign up for services or cancel subscriptions. Additionally, administrators can monitor in real-time Web access, Radius logs, CDR extract logs, FTP logs, and others.

Comprehensive Reporting

VoiceMaster VoIP Billing Platform offers comprehensive reporting capabilities which enable providers to manage their businesses more effectively. The product provides multiple customizable reports including, accounting, revenue, expenses, call history by user and others.

Virtual Server Partitioning

VoiceMaster VoIP Billing Platform offers virtual server partitioning functionality which enables providers to quickly grow their businesses through leveraging relationships with third parties. By partitioning a single VoiceMaster server, providers can lease its functionality to multiple resellers and generate revenues via revenue splits or by charging subscriber fees, monthly fees, etc.

Carrier Grade Reliability

VoiceMaster VoIP Billing Platform offers improved system availability and reliability through support for redundant server configurations. Providers can set up an active and a passive server with periodic database replications between servers. The passive server can perform periodic status checks on the active one and can take over traffic if the latter becomes temporarily unavailable.

Modular Architecture

VoiceMaster VoIP Billing Platform utilizes modular architecture which allows high degree of product customization. Service providers benefit as they have the option to hand-pick functionality that they need and tailor VoiceMaster to serve better their particular business needs.

Unlimited Rate Tables

VoiceMaster VoIP Billing Platform supports the creation and management of unlimited number of rate tables to ensure flexible rating and billing. Each rate table is assigned to a particular provider and used for billing of calls originated/terminated by that provider.

High Call Capacity

VoiceMaster VoIP Billing Platform is offered in standard and carrier editions to address the needs of both emerging and established telecoms and service providers. The standard edition supports up to 1,000 concurrent calls, whereas the carrier edition can handle up to 4,000 concurrent calls.