AudioCodes MobilityPLUS - Mobile VoIP Platform for Large Scale Deployments

Mobile and PC Application

Operating Systems	iOS™ and Android™ for smartphones and tablets, Windows™ XP/Vista/7/8 for laptops and PCs.
Call Features	Call hold, mute, call waiting, call forward, call transfer, 3 way conferencing, call history, redial, speakerphone and Bluetooth®
Call Types	Voice calls
SMS	Outgoing SMS over IP, SMS history - sent/received, delete single message or clear all options
Instant messaging	Send and receive Instant Messages (IM), personal chat, MUC - Multi User Chat and chat history
Networking	3G,4G\LTE, Wi-Fi, automatic network detection, home/roaming selection
Supported Codecs	Voice: G.711 A-Law, G.711 U-Law, G.729, iLBC, Silk (HD)
DTMF	Inband RFC-2833, RFC 4733, SIP info
Audio Enhanced Features	Packet Loss Concealment, Adaptive Jitter Buffer, Echo Canceller, Silence Compression, Voice Activity Detection, Noise Reduction
Security	SRTP, SIP over TLS, XMPP over TLS, Management over HTTPS
Branding	Full User Interface branding (images and texts), multiple language support
General features	• Device to user binding • Single click problem reporting • Help page, about page, terms and conditions

MobilityPLUS Servers

Control Interfaces	Web GUI, Web Services SOAP API over HTTP/S
Operating Systems (OS)	• RedHat Enterprise 64Bit • Fedora Core 64bit • Centos 64bit
H/W (provided by the service provider)	On-site dedicated servers, Virtual Machine, Cloud
General	High Availability, redundant and scalable

CMMS – Clients' Management Server

Client Distribution	SMS, Email, preloaded, Google Play™ store, Apple App Store, Viral
Customized Profiles	Multi-tenant supporting affiliates, resellers, multi profile
User Level Control	User grouping/profiling, multi devices per user handling, binding specific devices to a specific user, define specific attributes per user
Call Control	Number manipulation, number filtering, call interception, home/visitor network selection, cellular/Wi-Fi network selection, codec selection and prioritization
Time Based Licensing	Service launch time, service duration

PNS – Push Notification Server

Notification Types	Incoming calls, incoming messages, Service Provider's notifications
Notification Services	Apple Push Notification Service (APNS), Google Cloud Messaging (GCM)

MS – Messaging Server

Chat and Contacts	Single chat, group chat and contacts
Protocol	XMPP
Integration with 3rd Party	SMS gateway, social networks (e.g. Facebook)

CSS – Content Sharing Server

Media Types	Images, voice notes

AudioCodes MobilityPLUS enables operators to offer voice messaging communication services over cellular data and Wi-Fi networks.

AudioCodes MobilityPLUS platform is comprised of comprehensive backend servers and a variety of white label mobile applications, supporting Apple® iOS™ and Google Android™ for smartphones, tablets, and soft clients supporting Microsoft Windows™ XP/Vista/7/8 for PCs and laptops.

Solution Highlights

- Carrier Grade, highly available, scalable and reliable system
- Cloud-based solution or on-premise deployment
- Advanced multi-tenant management system
- Interoperable with leading VoIP products' vendors
- White label mobile and PC applications supporting major operating systems
- Superior HD voice over Wi-Fi/Data Networks – 3G/4G
- Supporting converged services such as voice messaging over IP
- Enables receipt of incoming calls and messages when mobile application is off
- Integrated with social networks (e.g. Facebook)

MOBILE CLIENTS

AudioCodes' white label mobile clients are available for smartphones, tablets and laptops. The clients supports High Definition (HD) voice codec for high quality audio, easy customization and branding, advanced yet simple user interface and converged voice and IP messaging over Wi-Fi and 3G/4G data networks.

VIRAL DISTRIBUTION SERVICE

Make each user a marketing channel by using AudioCodes' Viral Distribution Service. The Viral Distribution Service enables Service Providers to drive sales by distributing their brand through individual users of the mobile client, making each mobile client user a potential distribution channel. With a single click, users are able to invite their friends to join the service.

CLIENTS' MANAGEMENT SERVER (CMMS)

AudioCodes' CMMS enables service providers to distribute the clients efficiently and securely, provision users and manage the clients' features. It consists of add-on modules for integration with third party systems such as SMS gateways, CRM, billing system, SSO and more.

SOCIAL NETWORK INTEGRATION

Make social network members potential mobile VoIP paying customers, by using AudioCodes' Social Network Integration capability. Service providers can leverage the magnitude of social networks, such as Facebook, to create a greater marketing impact.

MESSAGING SERVER (MS)

Establish your own community using customized Messaging Server (MS) to provide instant messaging including features such as personal chat, group chat and offline messages to your existing customers.

PUSH NOTIFICATIONS SERVER (PNS)

Make your mobile VoIP service available even when the mobile client is in the background or not running. AudioCodes' Push Notifications Server (PNS) utilizes Apple APNS and Google GCM to push notifications to the user's device through incoming calls and messages.

High Definition (HD) Voice

Chat & Group Chat

Unified Communications

Voice

Advanced Management Tools

Social Networks

SMS

Push Notification

MobilityPLUS