

IP Voice Mail

MailVision has developed its IP Voice Mail server, as part of the family of services that run on MailVision's SIP Application server. The IP Voice Mail is deployed in a SIP network and interoperates with other SIP servers and SIP User Agents.

The Voice Mail server combines a unique native IP architecture with an open standards approach to allow quick feature upgrades and enhancements that are not found in other voice mail systems.

The software runs on standards servers and requires no special purpose telephony interface hardware, providing cost effective and easily up-gradable implementation and a winning ROI model.

Being highly scalable, MailVision's Voice Mail server architecture enables smooth migration from entry level to large scale users.

System Features

Message Retrieval

The subscriber may access his voice mailbox via telephone, web or e-mail.

MailBox Customization

The subscriber can change PIN number and Personal Greeting.

Message Waiting Notification

The subscriber receives a new-message notification via e-mail or SMS.

Provisioning

Enables the system administrator to connect to the system via HTTP access and handle user properties.

Web Access

Enables the user to connect to his Voice Mailbox via HTTP access.

Installation

Installation is quick and supports a virtually endless number of user accounts.

Provisioning

The system enables two levels of provisioning: provider and end user. Provisioning access is done via any web browser and has an easy to use GUI. MailVision's IP Voice Mail server has the ability to work with external OSS and provisioning system via API. The provisioning system enables the following functions: Create /delete users, Mail Box Quota, IVR language, Pin number, f/w Voice message to e-mail

Management and Monitoring

All system management and monitoring is done via the web. The monitoring service provides the Service Provider with on line information regarding the Voice Mail's current activities. A power reporting engine is used to provide a detailed picture of any aspect of the Voice Mail activities. The reports can be produced in any one of these formats: Excel, HTML or PDF and provides an excellent management tool for the Service Provider's administrator

Cluster Deployments & Redundancy

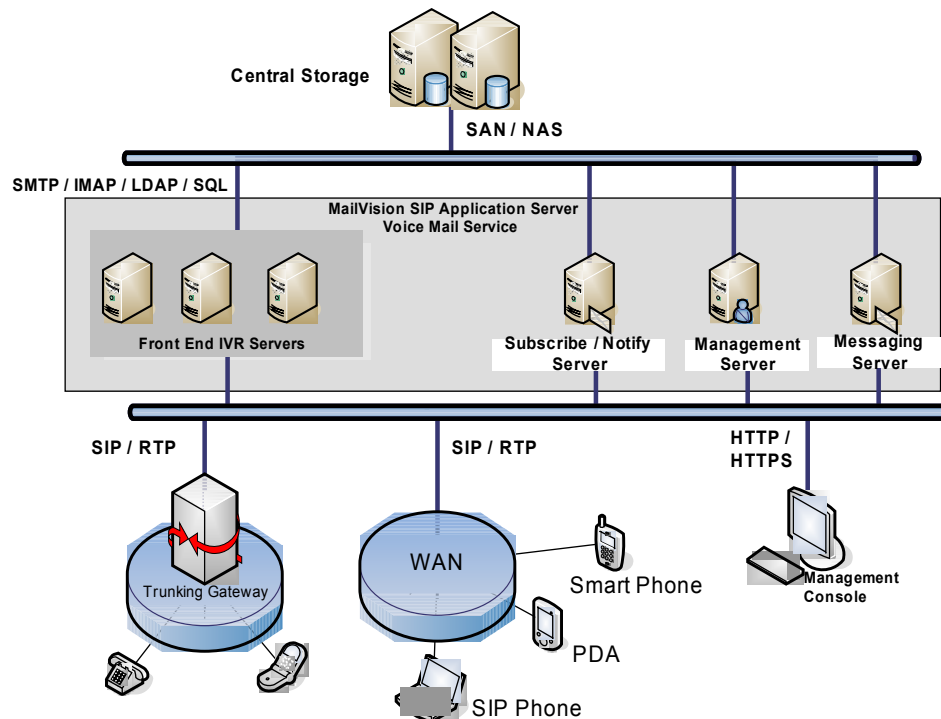
MailVision's Cluster Architecture answers the need for a reliable and scalable system in the Telco market.

Cluster Architecture enables large scale deployments utilizing standard off-the-shelf application and storage servers.

The basic cluster is built with N+1 servers and one local, fully redundant, storage server. All data-bases are stored centrally, in one storage server. The Voice Mail server is at the front end of the clusters and in case one of the servers fails, the other servers receive the calls.

Industry Standards

MailVision's Voice Mail supports several leading industry standards including: SIP protocols, IMAP, LDAP and RDBMS for management /monitoring / reporting capabilities. MailVision's IP Voice Mail was introduced in 2000 and became part of industry interoperability and field deployments. MailVision's IP Voice Mail supports external Media Servers.



System Infrastructure

OS: Linux / Solaris

Servers

Storage/Central Server: stores all media files (SAN/NAS); Network Protocol Storage

Management Server

Notification Server

Messaging Server

User Database: stores all user related information for authentication and configuration.

Front-End IVR Server: enables access to the voice messages via SIP/Soft phones, using VoIP infrastructure interface.

Media Server: stores all the VoiceMail prompts in different types of codecs.

Subscribe Server: provides asynchronous notifications of event changes to the voice mailbox.

IETF Standards

RFC3261: SIP – Session Initiation Protocol

RFC3262: Reliability of Provisional Responses

RFC3263: SIP – Locating SIP Servers

RFC3264: SDP – An Answer Model

RFC3265: SIP – Specific Event Notification

RFC2976: SIP INFO Method

RFC2833: RTP Payloads for DTNF Digits, Telephony Tones & Signals

RFC3842: Message Summary & Message Waiting Indication

Codecs Supported

G.711

G.723

G.729ab

GSM-FR

MailVision

End to End SIP solutions

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MailVision, established in 1997, combines its expertise in VoIP and high quality voice applications to provide a turn key solution for SIP based networks and services. MailVision's excellence in providing turn-key VoIP is showcased in the Connect Plus product line, while the Value Plus line consists of SIP voice applications. This unique, scalable IP based architecture directly integrates into VoIP networks, allowing service providers to benefit from the convergence of the Internet and telephony by delivering cost effective, revenue producing, enhanced services to customers. All specifications are subject to change without notice. For more information, visit www.mailvision.com or email sales@mailvision.com.