



ZINGAYA™ MEDIA SERVER 2.0

THE WORLD'S LEADING GATEWAY FOR FLASH®-BASED VOIP

Real VOIP services based on SIP are now available right in the web browser. No more need to install incomprehensible software, because the most part of the Internet users has Adobe® Flash® already installed. Create Killer Application or increase loyalty of the existing user base offering them the most convenient VOIP services.

System Requirements

Supported Operating Systems

- Linux®



Hardware requirements

- Intel® Pentium® 4 with a 3 GHz processor (dual-core Intel® Xeon® recommended)
- 1Gb RAM
- Ethernet Card

Get ZMS running easily

Convenient installation system allows to install the system with a few clicks even in Linux® environment.

Add ZMS to your infrastructure

As the most part of companies already have their infrastructure ZMS is designed to be easily integrated into ready infrastructures. JDBC support allows to use wide range of database servers. Every SQL query can be customized to correspond to requirements.

Create custom client applications using convenient API

Client applications are based on Adobe® Flash® technology letting you reach more than 90% of Internet-connected computers worldwide. Convenient API makes development easier and allows developers to create any applications they want customizing design, sounds, animation. VoIP functionality can be added to existing applications in a very short period of time. API can be used in Flex™ Builder™ 3 (SWC file) or Adobe® Flash® CS (API classes pack). API is based on Action Script 3.

High performance

ZMS is designed to provide the highest possible performance for the main gateway tasks, like handling SIP and working with audio and video streams

Cross-platform

Client applications are written for Flash® and available on Windows, MacOS, Linux®.

SIP 2.0 compatibility

ZMS is fully compatible with SIP 2.0 (RFC 3261), so it can be used with contemporary VOIP systems like softphones, call-centers, IP PBXs and others support SIP.

Video calls

Video calls support allows to establish video communication with SIP software or hardware phones, which support H.263/H.263+/H.264 video codecs. Video transmission is also available in case of calls between flash client applications.

HTTP tunneling and encryption

Client application can connect to ZMS via HTTP (80 port) or HTTPS (443 port), so users won't have problems with firewall or NAT. ZMS supports encrypted version of RTMP protocol – RTMPE, that provides with additional security, so no one can get access to your private data.

VOIP features

Flexible call routing capabilities
Sending DTMF over RTP, so as over SIP
Speex wideband, G.711 and G.729 voice codecs support
H.263/H.263+/H.264 video codecs support
STUN support allows to use ZMS behind the NAT or in cloud computing

Scalability

We can provide horizontal scalability, capacity can be easily extended by buying additional server licenses.

Integration with existing infrastructure

Configuration Tips

Main configuration parameters are located in one XML file

Database is used to store users data and routing information

Additional Features

Instant messaging support allows to send/receive messages to/from ZMS users and SIP

Flash-flash audio and video calls support allows to create webservices where users can call each other without using SIP

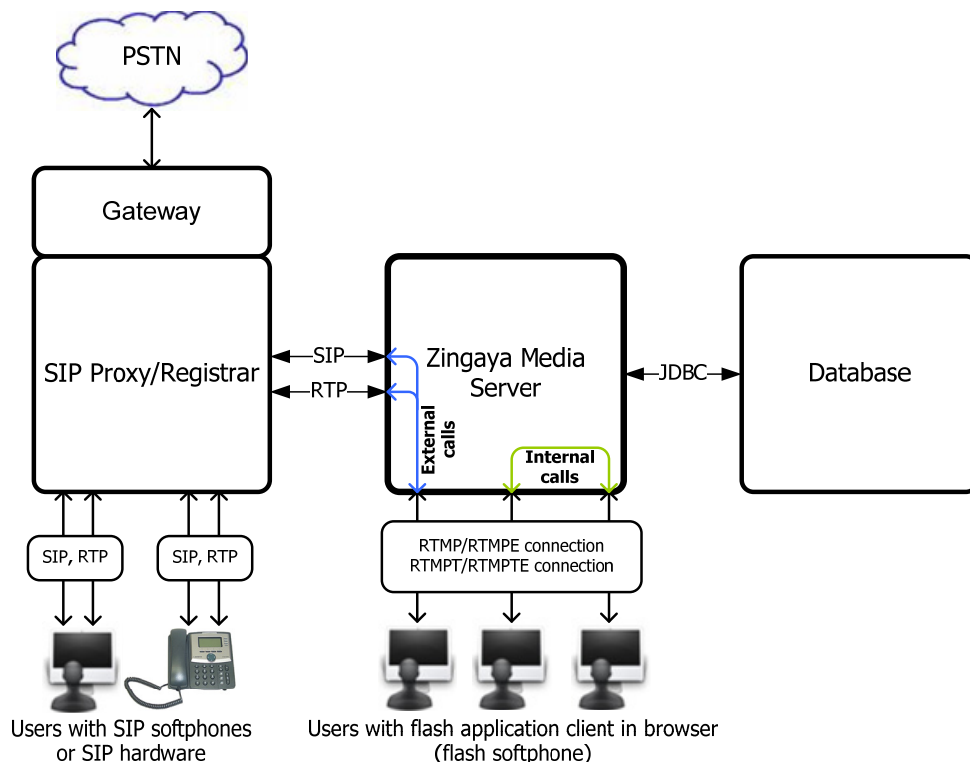
Special CallMe subsystem allows to create CallMe widgets which can be used to organize communication channel between site visitors and sales or placed on social network pages and blog pages

Global routing subsystem allows to use ZMS as Flash-SIP gateway to provide customers with additional type of access to VoIP services

ZMS users state tracking (presence)

For more information

To find out more about Zingaya™ Media Server, visit www.innosystems.ru



Top reasons to buy Zingaya™ Media Server

- ✓ ZMS is the world's leading flash®-voip gateway which supports both audio and video calls
- ✓ Real VoIP in your Web 2.0 applications, no more need to install software for your customers
- ✓ SIP compatibility makes ZMS ready for interaction with SIP software and hardware
- ✓ Flash allows to create outstanding GUIs and to provide a better user experience
- ✓ Zingaya™ Cluster can be used to provide scalability and create large-users-number services
- ✓ Convenient API for Action Script 3 can be used by Flex™/Flash® developers to create new flash client applications for ZMS or add VoIP functionality to existing applications
- ✓ High performance and fair price



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