VMS 100 & 300 Series IPPBX

VMS100 and VMS300 Series IPPBX system builds on the proven reliability and flexibility of our heavy duty industrial platform. Designed to be used in large enterprise and Industrial deployments, Both VMS 100 and VMS300 comes in 19" 2U platform. This professional IPPBX system is suited for implementations of up to 500 user extensions.

VMS Enterprise Series of IPPBX is designed to deliver greater IP Line capacity, supported from as low as 300 extensions up to 500 extensions and up to 300 concurrent calls. The largest capacity of VMS continues to deliver all the features currently found on traditional PBX system with the additional of some advanced features.

Expanding the digital or analog trunking capacity of VMS Enterprise series IPPBX system is simple by adding additional Analog or Digital telephony modules or external FXO or E1 gateway. VMS system is compatible with any third party digital and analog gateway or even any legacy PABX system. Configuration can be done easily be administrator at anytime and anywhere via a web browser.

High end solution for high end enterprise

The enhanced features set offered by VMS 100 and VMS300 series includes the extensions based recording, large number of voicemail supported, license free and open handset compatibility - this resulting the cost effective solution for large enterprise across all range of industries. With our 1 U or 2 U rack mounted form factor, it is convenient and easy to install in exiting network infrastructure. VMS system is powerful enough to connect with remote sites IPPBX or legacy PABX system to enable remote extensions from branch office to communicates with head office's extensions over VoIP without any cost.

The powerful functional, cost effective VMS 100 and 300 IPPBX offers:

- Both VMS100 and VMS300 support the implementation with PSRN, ISDN and VoIP call routing.
- ISDN provide high quality call while costs can be reduced using SIP IP trunks and zero cost will be imposed for all internal users
- Great mobility allow users to be connected on the road
- Reduce implementation cost low by fully utilizing existing network infrastructure
- Smart auto provisioning functionality increase efficiencies
- Intuitive web based IPPBX system which provide more flexibility for system configuration
- No user license and vendor lock-in hence reducing cost and increase freedom
- Compatible with almost 90% of SIP handset and devices in the VoIP market
- Interactive Voice Respond to increase professionalism in enterprise
- Advanced features usually found on much more expensive PABX system
- Unified communication system which include Virtual fax and voicemail to email
- Enhanced call management and call monitoring functionality from any web browser
- VMS system can be linked together with other VMS system or other third party IPPBX, legacy PBX in other branch to increase efficiencies of organization with no license fees.

Specifications

Deployments

- Recommended for deployments of 200 users for VMS100 series
- Recommended for deployments of up to maximum of 400 users for our highest VMS300 series IPPBX
- Compatible with any SIP devices in VoIP market
- Compatible with any third party VoIP products including FXO gateway
- Up to 120 E1 Channels supported with up to 4 ports E1 telephony interface
- IAX2 and SIP VoIP trunking capability and up to 100 SIP trunk channels
- No user based license fees, freedom to add additional users up to recommended amount of users.
- Call routing can be done via local PSTN trunks, ISDN trunks or third party VoIP service providers.
- Standard voice coding supported.
- Easy to implement as VMS IPPBX system function over existing network infrastructure
- Compatible with any existing legacy PABX system with additional telephony hardware.
- No cost between internal calls within organization.
- Auto Provisioning supported

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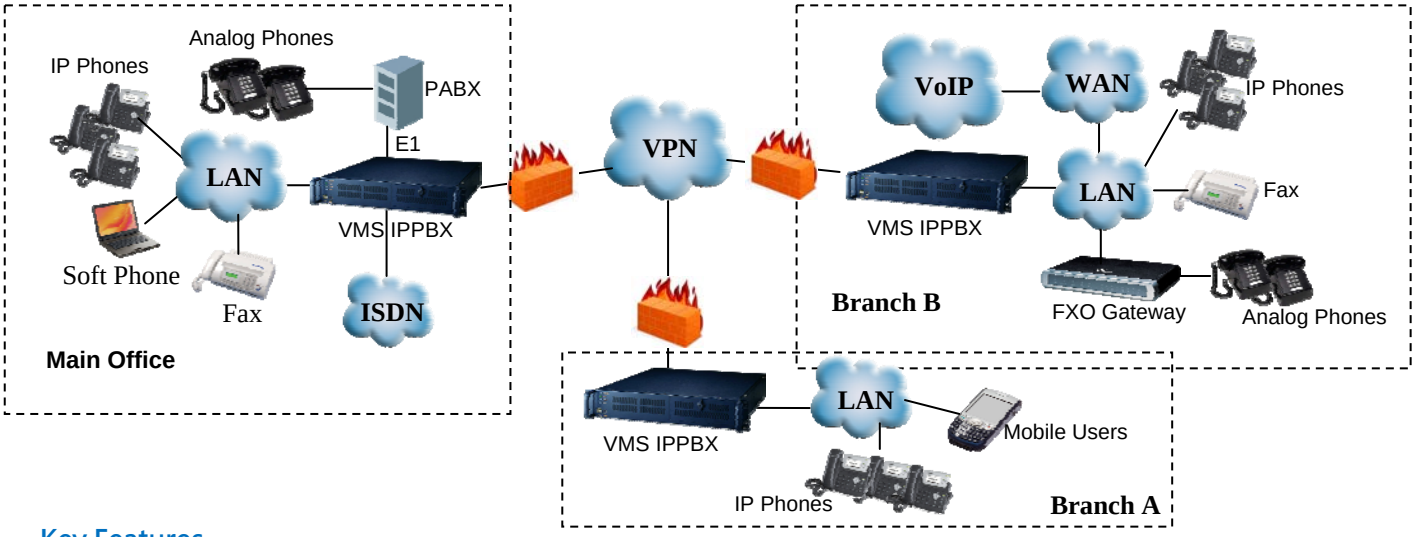
Deployment Scenario



Key Features

- Unlimited inbound DDI number
- Unlimited outbound DDI number
- Email and web based voicemail access
- Extensions based call recording
- Virtual fax supported
- Call Routing
- Call Forwarding for each of extension
- Call Holding
- Call Transfer
- Ring Groups
- Voicemail
- Individual Zones supported.
- Customized Auto Attendance
- Complete Call Details Records built in
- Call Barring
- Administrator and User control panel
- Customized Interactive Voice Respond
- Web based dial plan configuration
- Remote SIP station supported
- Operator Panel allows to visualize the real time extension status, queues, conference and external lines
- Enhanced hunting group supported
- Flexible night and day mode scheduling call routing
- Call Queues supported
- Call Conferences up to 50 users
- Voicemails to email functionality
- Customized Music on Hold with advanced configurations
- Complete web-based configuration and management control panel
- Long hours of voice storing includes voicemails and call recordings
- Call monitoring and call management via web interface.
- Real time system monitoring
- Web based telephony hardware monitoring and configurations
- Dial plan management with custom contexts and features
- Plug and Play IP handset provisioning for Cisco, Polycom, Snom, Mitel, Aastra, Grandstream and Linksys

Standards

- SIP Protocol (TCP and UDP ; RFC3262, 3263, 3265, 3325, 3515)
- IAX Protocol (UDP)
- H323 Protocol (Voice and Video)
- Voice Coding G711 (ulaw and alaw)
- Voice Coding G723 supported (require user license)
- Voice Coding G729 supported (require user license)
- Voice Coding G726 supported (require user license)
- DTMF – RFC2833, inband, info
- iLBC supported
- H.263 supported
- Software Echo Cancellation technology
- Hardware Echo Cancellation (apply for a specific hardware only)

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Telephony – VMS 100

- Recommended maximum 100 concurrent calls
- Recommended maximum 200 user extensions
- VMS 100 come with minimum of 8 built in analog ports
- Maximum Analog ports supported: 16
- Maximum Digital ports supported : 4
- Supported telephony modules: 8 port FXS, 16 ports FXO/FXS, 1 port PRI E1/T1, 2 ports E1/T1, 4 ports E1/T1

Hardware – VMS 100

- Rack mounted for convenient integration with existing network
- 19" 2U industrial server platform
- 110-220 V AC input voltage
- 2 fans
- 2 U platform for extra hardware modules
- Redundant Power Supply (optional)

Network

- LAN 10/100 Ethernet 100Base T
- Up to 2 LAN port build in on the system

Environmental - Operating

- Temperature (Operating): 0-40C
- Temperature (Non-operating): -20-75C
- Humidity(Operating): 10-85% @ 40C
- Humidity(Non-operating) : 10-95%
- Vibration(5-500 Hz): 0.5 Grms Operating
- Vibration(5-500 Hz): 2 Grms Non-Operating

Telephony – VMS 300

- Recommended maximum 300 concurrent calls
- Recommended maximum 400 user extensions
- VMS 300 come with minimum of 8 built in analog ports
- Maximum Analog ports supported: 16
- Maximum Digital ports supported : 4
- Supported telephony modules: 8 port FXS, 16 ports FXO/FXS, 1 port PRI E1/T1, 2 ports E1/T1, 4 ports E1/T1

Hardware – VMS 300

- Rack mounted for convenient integration with existing network
- 19" 2U industrial server platform
- 2 U platform for extra hardware modules
- 110-220 V AC input voltage
- 2 fans
- Dual Hard Disk Driver supported
- Redundant Power Supply (optional)

Dimension and Weight

- 482(W)x88(H)x451(D)mm
- 11.5 Kg

Model Information

VMS 100 Series

VMS 100-200-8-FXO (Analog)	8 Analog trunk with 100 concurrent calls for up to 200 users
VMS 100-200-16-FXO (Analog)	16 Analog trunk with 100 concurrent calls for up to 200 users
VMS 100-200-1-PRI (Digital)	1 E1 trunk with 100 concurrent calls for up to 200 users
VMS 100-200-4 –PRI (Digital)	4 E1 trunk with 100 concurrent calls for up to 200 users

VMS 300 Series

VMS 300-400-8-FXO (Analog)	8 Analog trunk with 300 concurrent calls for up to 400 users
VMS 300-400-16-FXO (Analog)	16 Analog trunk with 300 concurrent calls for up to 400 users
VMS 300-400-1-PRI (Digital)	1 E1 trunk with 300 concurrent calls for up to 400 users
VMS 300-400-4 –PRI (Digital)	4 E1 trunk with 300 concurrent calls for up to 400 users

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