

Overview

Models

HP IMC Voice Services Manager Software Module with 100-phone E-LTU

JF402AAE

Key features

- Single pane of management and service quality
- Quality of service (QoS) managed as a service
- Available, automated remote notification
- Visibility of performance statistics
- Tools, functionality during IP telephony lifecycle

Product overview

The HP IMC Voice Services Manager (VSM) Software Module supports integrated voice communications, and provides resource and service management for HP voice infrastructures and IP phones. IMC VSM software helps enterprise businesses configure, monitor, and enhance the performance of media servers, gateways, and endpoints. It also helps them monitor VoIP traffic and control network quality. An integrated management solution, HP IMC VSM provides a comprehensive set of tools enabling organizations to manage converged voice and data networks easily and efficiently, thereby helping to reduce system maintenance costs, improve productivity, and increase user satisfaction. Real-time, graphical service-level views of the entire VoIP infrastructure facilitate efficient operations; this software tracks the real-time operational status of every VCX system and IP phone, and provides proactive notification of any problems that may impact service quality.

Features and Benefits

Management

- **Resource management:**
 - VCX device list and management
 - VCX data server
 - IP phone list and autodiscovery
 - Basic voice information
 - Component management
 - SNMP agent and manager
 - XML accounting server
 - Application downloader
 - SIP call processor
 - IP messaging system
 - Media gateway device list and management
 - Channel status information
 - Trunk and PM PSTN settings
 - DSP and PM trunk utilization
 - HTTP user settings
- **Backup and upgrade management:**
 - **Unify file management:** VCX configuration file backup & restore, database backup & restore, upgrade, and support batch operation; media gateway configuration file backup & restore, upgrade file (CMP, FXS, or FXO coefficient, Voice Prompt, Call Process Tone) and support batch operation; auto backup VCX and media gateway periodically.
 - **VCX backup and restore:** Backup and restore VCX configuration and database file by wizard; backup and restore VCX file

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by SFTP and SSH.

- **Backup and upgrade management:**
 - **VCX file upgrade:** Upgrades VCX file by wizard; supports multifile upgrade for a different VCX component.
- **Backup and upgrade management:**
 - **Media gateway file management:** Batch upgrade, backup and restore by deploy task; backup and restore media gateway configure file with HTTP; support different upgrade files, CMP file, FXS coefficient file, FXO coefficient file, voice prompt file, and call progress tone file.
- **Performance management:** Includes threshold setting, monitored object setting, and traffic report display and query.
- **Fault management:** Fault management can generate service alarms based on the device basic alarms, as well as display the alarms in the topology in time.
- **Call management and report:** A single call detail record (CDR) will be created by the call processor for a SIP phone-to-SIP phone call; CDRs will be retrieved from one or more Accounting Service to the Call Records Service (Billing Server); the Call Records Service produces super CDRs that may be retrieved by utilities such as the IMC; reports include call history, call distribution report, service summary report, device summary report, termination cause report, and group summary report.
- **Topology display:**
 - The voice device can be displayed on topology by different icons.
 - Multisite Topology of VCX servers: Show relationships among VCX servers in topology.
- **VoIP QoS Evaluation:** This feature is based on protocol NQA (network quality analyze). Including user defined VoIP gateway management, user defined VoIP tunnel management and multi-dimensionality test results analyze and query.

Technical Specifications

HP IMC Voice Services Manager Software Module with 100-phone E-LTU (JF402AAE)	Minimum system hardware	Different nodes(IPphone) size will need different hardware 3.0 GHz Intel® Pentium® or equivalent processor 2 GB RAM memory 30 GB storage 10/100 MB NIC
	Recommended system hardware	3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent processor 16 GB RAM memory 200 GB storage 1000 MB NIC
	Recommended software	Microsoft® Windows® Server 2003 Enterprise Edition SP2 Microsoft® Windows® Server 2003 Enterprise Edition SP2 (32-bit) Microsoft® Windows® Server 2008 (32-bit or 64-bit) Standard or Enterprise Edition Microsoft® Windows® Server 2008 R2 (64-bit) Standard or Enterprise Edition
	Browsers	Microsoft Internet Explorer 6.0 or later Firefox 3.0
	Notes	Hardware change with Nodes (IPphones): less than 500, dual-core CPU, 2G memory <ul style="list-style-type: none">• From 500 to 2K, Dual-core CPU, 3G memory• From 2K to 5K, 2* Dual-core CPU, 4G memory• From 5K to 10K, 4* Dual-core CPU, 8G memory• From 10K to 20K, 4* Quad-core CPU, 16G memory
	Services	3-Year, 9x5 SW phone support, software updates (UV742E) 3-year, 24x7 SW phone support, software updates (UV743E)
		Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP IMC Voice Services Manager Software accessories

License	
HP IMC Voice Services Manager additional 100-phone E-LTU	JF396AAE
HP IMC Voice Services Manager additional 500-phone E-LTU	JF397AAE
HP IMC Voice Services Manager additional 1000-phone E-LTU	JF398AAE
HP IMC Voice Services Manager additional 5000-phone E-LTU	JF399AAE

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