ixi-UMS Enterprise Unified Messaging Server

Release 6.70

Product Overview

Kernel

- Up to max. 128 channels per kernel
- Multiple kernels on a connector
- Multiple connectors to a kernel
- Remote configuration and control
- Control the services fax, voice, SMS, mobile
- Delivery control
- Inbound routing
- Outbound routing (e.g. goal-oriented, service-dependent)
- Monitoring of transmission authorizations
- "Blacklist" for blocking dialing numbers or sender numbers
- Enhanced ReadOut Features:
  - Sender identification: number resolution – display name/company in subject and report
  - Fax cover sheet with receiver info
  - Fax cover sheet with sender info
- Information in the D channel for billing via PBXs
- Spooling/Load distribution on all channels
- Generation of single dispatch reports
- Server-based journaling
- Conversion/rendering
- Failsafe performance/high availability
- Monitoring tool ixi-UMS Enterprise Inspector and
- "Cluster" multicomputer concept
- Integration into corporate security concepts

Large installations:

- MDS Message Distribution Server: optimal message distribution/distributed locations
- Multi-site operation: optimal message routing for networked or distributed PBXs

Special Client/Server solution

- No ixi-UMS Enterprise client installation required (rendering on the ixi-UMS Enterprise Kernel)
- Usable with all mail clients to SMTP mail servers
- ixi-UMS Enterprise client tools package including fax printer driver, serial fax, auto fax, group fax, Outlook add-in, AFP
- also for CITRIX XenApp/Presentation Server/MetaFrame, Windows Terminal Server

Communication

ISDN / TDM
- S0 and S2M
Protocols: public (e.g. DSS1), PBX network (e.g. Q-SIG)

Voice/Fax over IP
- Signaling: SIP, H.323
  SIP Trunking, SIP PBX, IP Centrex
- Voice: G.711, GSM 6.10; G.729, Speex
- Fax: T.38, SoftFax

Services

Fax

- Group 3, T.30
- Priority control
- Headline generation global or user-specific
- Fax letterhead
- Send fax either via rendering on the kernel or via printer driver on the client
- Render connector with MHTML support incl. V-Card
- Integrated PDF rendering: Server-based rendering of PDF files
- UTF-8 encoding: support of international character sets for fax processing
- Automatic printout e.g. time-controlled when unread
- OCR for automatic graphic/text conversion on the kernel

SMS

- Short Messaging Service
- Sending and receiving short messages
- For all GSM networks internationally and for pagers
- Standard for GSM, ISDN, VoIP
- Professional for wholesale access
- SMS in the fixed network
- Flash SMS

Voice-Mailbox

- Answering machine functionality
- Recording as WAV
- Listening by telephone, remote access e.g. via mobile phone, smartphone
- Sending voice messages
- Mobile: Access and control messages in the inbox via mobile/phone – forward, reply, delete
- Notification – automatic notification

TTS Text to Speech

- Reading out messages for listening over the telephone
- Send text messages to have them read aloud on the phone

MWI

- Message Waiting Indication – incoming message signaling, info text/lamp on the phone
- Standard (DSS1, QSIG, H.323, SIP), PBX specific (feature code based), PBX independent

Auto Attendant

- Automatic telephone exchange

IVR

- Interactive Voice Response: set up telephone information systems (VoxML support)

Connectors

- Connector and Kernel on a computer or separately
- Existing mail functionality of the system environment is used and extended with additional services
- Single Store Architecture
- TCP/IP: optional SSL/TLS

Mail-Server Connector

„Single" / "Multi" for one/several Mailserver

for Microsoft Exchange Server 2019/2016/2013/2010

- Least cost routing via distributed Exchange Server
- Sending and receiving and delivery of messages beyond the Exchange Server and across different sites
- Address books/contacts are used, e.g. global, personal, Outlook contacts
- Direct access to Active Directory and Information Store
- Schema extension for Active Directory not necessary

for IBM Domino

- IBM Domino from Rel. 8.5
- User management is possible directly in IBM Domino, Active Directory or locally in ixi-UMS Enterprise
- Optional: Extension of the mail template
- Least cost routing via distributed Domino Domains

SMTP

- Send and receive via SMTP
- Access to mailboxes/remote inquiry via IMAP
- Access to user data/permissions via LDAP
- For SMTP-based mail servers e.g. Sendmail, Postfix/Cyrus, Open-Xchange, Sun Java Enterprise System, Scalix, GroupWise
- Clients e.g. Outlook Express, Pegasus, Eudora, Thunderbird, Netscape, GroupWise WebAccess

Microsoft Office 365 / Exchange Online

- Connection to Microsoft Online Services

Connector for use with SAP® R/3®

- Certified by SAP for BC-CON, SAPconnect, NetWeaver
- Multiple client capable
- SAP All-in-One, SAP Business Suite, SAP R/3, SAP ERP, SAPoffice, SAP CRM

FAPI Connector

- For File API/job file processing

SOAP Connector

- WebService for SOAP-enabled applications

Fax for Multifunction devices / Network scanners

- e.g. for HP Hewlett Packard multifunction devices, Lexmark multifunction devices

Installation Requirements

Microsoft Windows operating systems:
- Windows Server 2019 /2016
- Windows Server 2012/2012R2 (32/64-Bbit)
- Windows Server 2008R2 (64-Bit)
- Windows 10 (32/64-Bit)
- Windows 8.1 (32/64-Bit)
- Windows 7 SP1 (32/64-Bit)

Virtualization: VMware, CITRIX XenServer, Hyper-V

Compatible with Terminal Server:
CITRIX XenApp / Presentation Server / MetaFrame, Windows Terminal Server

Interfaces

- **File API**

- Application Fax Printer interface
  client connection via fax printer driver for automatic transfer of fax-relevant data

- **ERP/CRM / other applications**

- **AFP**

  Application Fax Printer Interface
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