

Product Overview IXI-UMS Unified Messaging Server

Kernel

- Up to 64 channels maximum per Kernel
- Multiple Kernels with one Connector
- Multiple Connectors with one Kernel
- Remote configuration and control
- Control of the services Fax - Voice – SMS - Mobile
- Sending check
- Inbound routing
- Outbound routing (e.g. destination-oriented, services-dependent)
- Control of sending permissions
- "Blacklist" for dial locking, e.g. for expensive special call numbers
- Enhanced ReadOut Features:
 - Sender Identification: number resolution – name/company in the subject and in the report
 - Fax cover page with recipient info
 - Fax cover page with sender info
- D-channel information for billing via PBX's
- Spooling / load balancing with all the channels
- Generation of single sending reports
- Server-based journal
- Conversion / rendering
- High availability:
 - Monitoring tool IXI-Inspector and multi-computer concept
- Integration into company security concepts

Large projects:

MDS Message Distribution Server: optimal message distribution/several sites

MultiSite-operation: optimal message routing with networked PBX's

Characteristic Client/Server Solution

- No IXI-UMS Client installation required (rendering at the IXI-UMS Kernel)
- Can be used with every client at SMTP mail servers
- Client Tools package including fax printer driver, mail merge fax, Auto fax, collect faxes, Outlook add-in, AFP
- Also for CITRIX XenApp/Presentation Server/MetaFrame, Windows Terminal Server

Communication

ISDN / TDM

- S₀ and S_{2M}
- Protocols: Public (e.g. DSS1), PBX-networking (e.g. Q-SIG)

Voice/Fax over IP

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

Services

Fax

- Group 3, T.30
- Priority control
- Global or user-individual headline generation
- Fax header and fax cover sheet
- Sending of faxes either via rendering at the Kernel or via printer driver at the client
- Render Connector with MHTML Support incl. V-Card
- Integrated PDF Rendering: Server-based rendering of PDF-files
- UTF-8 coding: Support of international character sets with the fax processing
- Automatic printing, e.g. time-controlled when unread
- OCR for automatic graphic/text-conversion at the Kernel

SMS Short Messaging Service

- Sending and reception of short messages
- For all the GSM networks internationally and for pagers
- *Standard* for GSM, ISDN, VoIP
- *Professional* for large account
- SMS via fixed lines
- FlashSMS

Voice

- Voice box functionality
- Recording as WAV
- Interception via telephone, remote inquiry e.g. via mobile phone, Smartphone
- Sending of voice mails

Enhanced Voice Package

- **Mobile:** Access to and control of the messages in the inbox via mobile phone/telephone
Forward, answer, delete
- Automatic notification
- Personal Homepage

TTS Text to Speech

- Having messages read for interception via telephone

MWI

- Message Waiting Indication – Signaling of incoming messages, info text/busy signal

IVR

- Interactive Voice Response: Telephonic information systems (VoxML)

Auto Attendant

- Automatic telephone exchange

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Connectors

- Connector and Kernel on one machine or separately
- Available e-mail feature of the system environment is used and extended with additional services
- Single Store architecture
- TCP/IP: optional SSL/TLS

Exchange Connector for Microsoft Exchange Server 2016/2013/2010/2007/2003

- Least Cost Routing via several Exchange Servers
- Sending and reception of the messages
Exchange Server- and site-comprehensive
- Address books/Contacts are used, e.g. global, personal, Outlook Contacts
- Direct access to Active Directory and Information Store
- Extension of the schema for Active Directory not required

Microsoft Office365(BPOS)/Exchange Online

- Connection to Microsoft Online Services

Domino Connector

- IBM Lotus Notes/Domino
Version 9.x, 8.x, 7.0x, 6.5x, 6.0x
- Direct access to Domino directories
- User administration directly in Notes
- Least Cost Routing via several Domino domains

Connector for use with SAP® R/3®

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

SMTP Connector

- Sending and reception via SMTP
Access to inboxes/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, Novell GroupWise
- Clients e.g. Outlook Express, Pegasus, Eudora, Thunderbird, Netscape, GroupWise WebAccess

FAPI Connector

- for file API/job-file processing

SOAP Connector

- Web Service for SOAP-enabled applications

Fax for MFP/Network Scanners

- Multi Function Printers e.g. for Hewlett Packard MFP, Lexmark MFP

Installation Requirements

Supported Operating Systems:

- Microsoft Windows Server 2012
- Microsoft Windows Server 2008 (32bit, 64bit)
- Microsoft Windows 2003 (32bit, 64bit)
- Microsoft Windows 8
- Microsoft Windows 7 (32bit, 64bit)
- Microsoft Windows Vista (32bit, 64bit)
- Microsoft Windows XP (32bit, 64bit)

- Virtualization: VMware, CITRIX XenServer, Hyper-V

- Terminal Server compatible:
CITRIX XenApp/Presentation Server/MetaFrame,
Windows Terminal Server

Installation Environments:

- Windows, Linux, Sun, Unix

Interfaces

File API

Application Programming Interface for IXI-UMS Server-connection via job-file processing

ERP/CRM/further Applications

AFP:

IXI-UMS AFP Application Fax Printer Interface
Client connection via fax printer driver for an automatic transfer of fax-relevant information in the print data stream
@@@ character analysis

DLL

Client DLL
Client connection via fax printer driver for job-file processing via DLL-call (macros, VBA)

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