OPTIMIZING MIGRATION FROM TDM TO VoIP

XMediusFAX® software solutions are optimized to efficiently address the accelerating global TDM to IP migration trend, deliver enhanced productivity, streamlined operations, and lower total cost of ownership (TCO). These solutions address diverse fax deployment drivers ranging from increasingly stringent regulatory requirements, evolving infrastructure strategies (i.e., UC, ECM, ‘branch’ optimization), flexible application integration (ERP/CRM) to adoption of more economical, eco-friendly core technologies (i.e., FoIP, virtualization) and versatile multifunction devices (MFDs).

LEADING THE IP FAX SERVER MARKET

XMediusFAX® is a patented and robust IP fax server solution supporting the secure and standardized T.38 Fax-over-IP protocol and G.711 Fax Pass-Through. Introduced in 2002, XMediusFAX® is a global leading software-only IP fax server solution that is offered in three application optimized editions, namely, SP for Service Provider, EE for Enterprise, and X for Express.

ENSURING SECURE TRANSMISSION OF HIGHLY SENSITIVE DOCUMENTS

EXPRESS EDITION HIGHLIGHTS

The XMediusFAX® Express edition is ideal for organizations requiring a software-only fax solution with up to 4 fax channels and email integration for a small to medium sized user group (up to 100 users). The Express edition contains a number of key features including:

- Unique Exchange integration and enhanced user productivity with Outlook add-ons
- Enhanced LDAP directory integration (i.e., Active Directory, Lotus Domino) with LDAPS support
- Automated document deliver leveraging any combination of fax routing methods
- Hardcopy paper faxing with support for multiple MFD manufacturers including Xerox, Ricoh, eCopy ShareScan, Sharp, Lexmark
- Web-based fax composition and system management
- Multilingual support for international character sets
- Easy to deploy with simplified network installation support through Windows Installer (MSI) technology
- Virtual machine support using VMware, Microsoft Hypervisor and Citrix
- Advanced SIP Trunking (T.38 and G.711) and T.38 Fax Relay with fallback to G.711 Passthrough
- Rich administration and monitoring tools
- Comprehensive inbound fax routing methods for telephony (i.e., DID, CSID) and character recognition based (i.e., OCR) solutions
- Fax deletion options for zero retention to comply with strict data security policies
- Advanced traceability through an event log tab for complete fax audit
- Mobile app optimized for iPad and iPhone

XMediusFAX® EXPRESS EDITION TYPICAL IMPLEMENTATION
COMPELLING ECONOMICS

Providing Substantial ROI
Simple to use and administer, XMediusFAX® Express yields considerable and rapid ROI, since expensive fax boards and dedicated analog lines are not required.

Increasing Staff Productivity
XMediusFAX® boosts productivity over traditional manual faxing, since users no longer need to make time-consuming trips to a fax machine.

Reducing Telecom Costs
XMediusFAX® significantly reduces telecom costs over traditional faxing. In multi-branch organizations, long-distance fax charges are drastically reduced through XMediusFAX®’s built-in Least Cost Routing. XMediusFAX® eliminates costly analog phone lines, hardware, maintenance and supplies. Organizations can make significant cost savings each year with XMediusFAX®.

Facilitates Seamless Interoperability and Cost-Optimized Application Integration
XMediusFAX® drives business process costs down by seamlessly inter-operating with VoIP gateways, IPBXs, voicemail systems (UM/UC applications including Microsoft Exchange), LDAP directories, ECM/ERP applications including Microsoft SharePoint.

ENTERPRISE GRADE SOLUTIONS

Improving Security and Compliance
XMediusFAX® advanced user/admin control, management, and encryption features efficiently protect document privacy and facilitate compliance with regulations, such as HIPAA and the Sarbanes-Oxley Act. Sensitive documents in TIFF or PDF format are routed to only approved recipients and designated secure printers/MFPs. Faxes can be tracked through an event log tab, making it easy to monitor all system events and user/administrator actions related to a single fax. Thanks to fax deletion options for zero retention, faxes can be deleted immediately after successful delivery.

Enabling Survivability
The XMediusFAX® Express edition can benefit from disaster recovery (DR) when peered with an XMediusFAX® Service Provider edition server.

Enabling a Future-Proof Investment
As a completely software-based IP fax server solution, XMediusFAX® Express edition does not require any extra hardware or third-party kits. It is a future-proof fax server solution and a perfect companion for a VoIP deployment, allowing you to convert all circuits to IP, including fax. Advanced T.38 and G.711 SIP Trunking (including T.38 Fax Relay with fallback to G.711 Passthrough) and H.323 support also ensure compatibility with today’s and emerging VoIP systems.

SIMPLE OPERATIONS

Faxing Anywhere, Anytime, & from Any Device
In today’s increasingly connected and mobile workplace, XMediusFAX® software solutions provide users unique operations simplicity in sending and receiving faxes from a wide spectrum of interfaces (i.e., desktop email clients, MFPs, mobile app optimized for iPad and iPhone, etc.) and leveraging powerful web-optimized reporting tools - with guaranteed performance.

Unleashing the Power of FoIP Driven Green Solutions
XMediusFAX®’s support for key core technologies including virtualization and FoIP permits organizations unprecedented flexibility to rapidly and easily deploy cost-effective and green optimized solutions.
Administration

XMediusFAX® boosts productivity up to 90% over traditional, manual faxing:
• Comprehensive integration with Microsoft Exchange
• Centralized Microsoft Management Console (MMC) or web administrative interface for easy system administration (Assisted Technology Optimized)
• Manage faxes, users and Quality of Service (QoS) on a per-site basis
• Simplified user management with enhanced LDAP directory integration
• Delegate site administrators with configurable permissions
• Network installation support through Windows Installer (MSI) technology
• Thin client support via Microsoft/Linux Terminal Services
• Configurable time zone at user and site level

Faxing to remote printers
• SMTP: for any printer configured to receive print jobs (with either Tiff or PDF-attachments) via an email address.
• HP ePrint: for Internet printers compatible with the HP ePrint service (receiving print jobs via their email address).
• Xerox Mobile Print: for internet printers compatible with the Xerox Mobile Print service (receiving print jobs via their email address).
• Google Cloud Print: for Internet printers compatible with the Google Cloud Print service (either natively or using the Google Cloud Print connector).

Hardcopy Faxing (MFd)
Platform specific – via Sagemcom connectors
• Xerox Extensible Interface PlatformTM (EIP) 2.0/3.0
• Ricoh E2A SD1K 10/1/7/2
• eCopy ShareScan 5.0
• Sharp IS 4.1
• Fuji Xerox Apeos 5.0
• Lexmark E5 4.1

Via standard interfaces
• T.37 – Ricoh, EPL, Canon, Lexmark, Oki, Muratec, Okidata, Toshiba
• Scan to SMTP – Konica Minolta, Brother, Dell, Kyocera, Okidata, Olivetti, Samsung, Toshiba
• XML File-Printing – Kyocera, Xerox Server Fax, HP

Integration
• Sagemcom connector for SharePoint 2013/2010/2007
• T.38 and 6.711 SIP Trunking and T.38 Fax Relay with fallback to G.711 Passthrough

User Productivity

• Mobile ios support
• Custom forms for Microsoft Outlook and Lotus Notes allow users to select coverheets and modify fax transmission settings
• Fax notifications in HTML or text format, and attachments in TIFF, PDF, or searchable PDF
• Select either individual or broadcast report notifications
• Web-based fax composition and management with integrated phone book (private and public)
• Built-in viewer in the web interface
• Drag-and-drop transmit using SendFAX
• Rearrange pages; add text insertions, highlights, and stamps to faxes
• Multilingual support & support for international character sets
• Available languages include English, French, German, Spanish, Italian, Portuguese, Russian, and Chinese

Faxing to remote printers
• SMTP: for any printer configured to receive print jobs (with either Tiff or PDF-attachments) via an email address.
• HP ePrint: for Internet printers compatible with the HP ePrint service (receiving print jobs via their email address).
• Xerox Mobile Print: for internet printers compatible with the Xerox Mobile Print service (receiving print jobs via their email address).
• Google Cloud Print: for Internet printers compatible with the Google Cloud Print service (either natively or using the Google Cloud Print connector).

Hardcopy Faxing (MFd)
Platform specific – via Sagemcom connectors
• Xerox Extensible Interface PlatformTM (EIP) 2.0/3.0
• Ricoh E2A SD1K 10/1/7/2
• eCopy ShareScan 5.0
• Sharp IS 4.1
• Fuji Xerox Apeos 5.0
• Lexmark E5 4.1

Via standard interfaces
• T.37 – Ricoh, EPL, Canon, Lexmark, Oki, Muratec, Okidata, Toshiba
• Scan to SMTP – Konica Minolta, Brother, Dell, Kyocera, Okidata, Olivetti, Samsung, Toshiba
• XML File-Printing – Kyocera, Xerox Server Fax, HP

Security
• Encrypted Fax Transmission over SRTP
• SSL authentication and encryption between all server modules and clients
• HTTPS for secured Web Client communications
• Built-in Windows Authentication support
• Support for LDAP over SSL (LDAPS)
• Enforce usage of billing codes
• Restricted destination fax number tables
• Per-user/profile security settings (allow to fax, require password, modify sender information, enforce cover page)
• Fax deletion option for zero retention

Supported Environments

VoIP Gateways
• Cisco, Avaya, Brother, Dell, Kyocera, Xerox Server Fax, HP

Fax Protocols
• DTM T.38, T.37, G.711 and G.711 Fallback
• V.34 Super G3
• ECM (Error Correction Mode)
• SIP (UDP, TCP, TLS)
• H.323, and MGCP (only CUOM)

Fax Boards
• Breakthrough TRI034 (analog and digital) and TriFax
• Dialogic D4 Server (analog and digital)

Operating Systems
• Virtual machine support (i.e., VMware, Hyper-V, Citrix)
• Server: Windows 2012/2012 R2/2008/2008 R2/2003 (32 or 64 bits)
• Client: Windows 98/NT/2000/XP/Vista
• Cisco SRE-V / X: Express

Email Server
• Microsoft Exchange Online
• Lotus Domino 9/8.5/8.0/7.0
• Any SMTP mail server

Fax Clients
• Microsoft Office 2016/2013/2010/2007 (32 or 64 bits)
• OpenOffice.org 4.0/3.4.2-3.2.4
• Outlook 2016/2013/2010
• XMediusFAX® SendFAX client for advanced fax composition
• Any SMTP mail client (i.e., Outlook Express, Eudora and Mozilla)
• Microsoft Office Internet Fax Service Integration

Web Browsers
• Microsoft Internet Explorer 9.0+
• Microsoft Edge
• Mozilla Firefox 3.6+
• Google Chrome: all latest versions
• Apple Safari 5.2+

1 For complete details please review the XMediusFAX® Installation Guide

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