INTRODUCTION

Redefines the IP Fax Server Market

XMediusFAX™ is Sagemcom's innovative and patented IP fax server solution supporting the robust and standardized T.38 Fax over IP (FoIP) protocol. Redefining the market when it was first introduced in 2002, it is the global leading software-only IP fax server solution that is offered in four application optimized editions, namely, sp for Service Provider, ee for Enterprise, x for Express, and axp for use within the Cisco Integrated Service Router (ISR).

Optimizes Global TDM to IP Migration

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, SIP trunking) and versatile multifunction devices (MFDs).

ENTERPRISE EDITION HIGHLIGHTS

The XMediusFAX Enterprise edition is field proven to manage large fax volumes and deliver high levels of security, advanced integration, and monitoring & reporting capabilities. It is targeted for small and large enterprises and contains a number of key features including:

- Inter-System Replication for business continuity and disaster recovery (requires peering with an SP server)
- Simplified application integration through standardized technologies (i.e. XML, Python, Web Services API)
- Business critical system monitoring through application SNMP traps and PerfMon counters
- Ability to handle up to 480 fax channels per server
- SQL database scalable to millions of inbound / outbound faxes with easy archiving
- Enhanced LDAP directory integration (i.e., Active Directory, Lotus Domino) with LDAPS support
- Intelligent fax boards and T.38 support
- Virtual machine support using VMware, Microsoft Hypervisor and Citrix

COMPELLING ECONOMICS

Provides Substantial ROI

Simple to use and administer, XMediusFAX Enterprise yields considerable and rapid ROI (typically 1 to 6 months), since expensive fax boards and dedicated analog lines are not required.

Increases Staff Productivity

XMediusFAX boosts productivity by typically 90% over traditional manual faxing, since users no longer need to make time-consuming trips to a fax machine.

Reduces Telecom Costs

XMediusFAX can reduce telecom costs by up to 90% 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 save tens of thousands of dollars a year with XMediusFAX.

Facilitates Seamless Interoperability and Cost-Optimized Application Integration

XMediusFAX drives business process costs down by seamlessly interoperating with VoIP gateways, IPBXs, voicemail systems (UM/UC applications including Microsoft Exchange 2010), LDAP directories, ECM/ERP applications, and MFDs. Feature rich, open integration tools based on Java/CORBA, XML, web services, and Python scripting technologies enable cost-optimized and tailored application integration.

TECHNOLOGY PARTNERS

XMediusFAX: Powered by the most advanced FoIP integration for these VoIP platforms:

CISCO DEVELOPER Solution

Alcatel·Lucent Application Partner

AVAYA DEVELOPER*CONNECTION* GOLD

OSN AudioCodes Open Solutions Network

Microsoft GOLD CERTIFIED *Partner* | ISV/Software Solutions

FLEXIBLE ARCHITECTURE

Improves 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 / MFDs.

Enabled For Survivability

The XMediusFAX Enterprise edition can benefit from disaster recovery (DR) when peered with an XMediusFAX SP edition server.

Enables a Future-Proof Investment

As a completely software-based IP fax server solution, XMediusFAX Enterprise edition is highly scalable by simply licensing extra channels – no extra hardware or third-party kits required. XMediusFAX can also interoperate with fax boards to preserve existing investments in network architecture. It is a future-proof fax server investment that provides an easy migration path to VoIP deployment. Standards based SIP and H.323 support also ensure compatibility with today's and emerging VoIP systems.

SIMPLE OPERATIONS

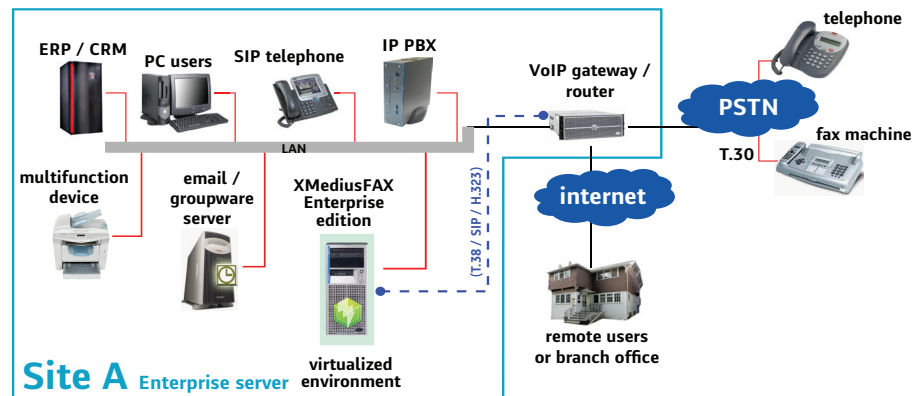### Faxing Anywhere, Anytime, & from Any Device

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, MFDs, cell phones, 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 T.38 based FoIP permits organizations unprecedented flexibility to rapidly and easily deploy cost-effective and green optimized solutions.

Site A Enterprise server

XMediusFAX Enterprise Edition Typical Implementation

Sagemcom

Do not overlook FAX as a strategic component in your UC & converged IP solution.

XMediusFAX Enterprise Edition

Administration

- Comprehensive integration with Microsoft Exchange UM 2010
- Centralized Microsoft Management Console (MMC) or web administrative interface for easy system administration (Assistive Technology Optimized)
- Multi-tenancy for improved management (up to 20 Sites)
- Manage faxing, 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/Citrix Terminal Services

Automatic Fax Delivery
- Methods: DID, DNIS, ANI, CSID, OCR, Channel and LDAP search
- Destinations: user, email, printer, folder
- Configurable notification templates and attachment filename and automatic page split

Monitoring & Reporting
- Monitor all faxes sent, received, or in process, as well as server status
- Live graphical fax port usage monitor and integrated network packet capturing utility
- Email notification of service status events to administrator via SMTP
- Administrative audit logging and application services status changes logged in Windows Event Log
- System queue monitoring and alerts through SNMP and Performance Monitor (PerfMon)
- Integrated system reporting with a comprehensive set of 20+ built-in reports

Supported Document Formats
- Adobe PDF, HTML, JPG, GIF, RTF
- Microsoft Word, PowerPoint, Excel
- Any Windows application that support "Print-To"

Survivability & Scalability

- Off-Site (inter-system) replication for business continuity and disaster recovery (must be peered with an SP edition server)
- Ability to handle up to 480 channels on a single server
- SQL Database scalable to millions of inbound / outbound faxes with easy archiving
- Virtualization ready for enhanced system availability and resources allocation
- Support for multiple T.38 VoIP gateways with redundant dial-plans

User Productivity

- Custom forms for Microsoft Outlook and Lotus Notes allow users to select coversheets and modify fax transmission settings
- Fax notifications in HTML or text format, and attachments in TIF & PDF
- Select either individual or broadcast report notifications
- Web-based fax composition and management with integrated phone book (private and public)
- Drag-and-drop transmit using SendFAX
- Rearrange pages; add text insertions, highlights, and stamps to faxes
- Multilingual support & support for international character sets
- Delayed / Scheduled Faxing
- User Fax Box Delegation

Hardcopy Faxing (MFD)
- Multifunction devices (SAGEM, OKI Printing Solutions, HP, Xerox, Lexmark) with Scan-To-Email or T.37 functionality
- Sagemcom Connectors for eCopy ShareScan OP, Sharp OSA, Ricoh ESA and GlobalScan NX

Integration

- Business application/process integration using XML or embedded fax codes
- Advanced routing and notification options using Python scripting
- Programmatic system access via Web Services API for .NET and JAVA clients
- Route to Folder with MetaData and XSLT support

Security

- 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)

Supported Environments[1]

VoIP Gateways
- Cisco, Avaya, AudioCodes and Alcatel VoIP Gateways

Fax Protocols
- ITU T.38 and T.37
- V.34 Super G3
- ECM (Error Correction Mode)
- SIP UDP, TCP, TLS
- H.323, and MGCP (only CUCM)

Fax Boards
- Brooktrout TR1034 (analog and digital) and TruFax
- Dialogic Diva Server (analog and digital)

Operating Systems
- Virtual machine support (i.e., VMWare, Hyper-V, Citrix)
- Server: Windows 2008/2003 (32 or 64 bits)
- Client: Windows 7/Vista/2003/XP/2000 SP4
- Cisco SRE-V

Email Server
- Microsoft Exchange 2010/2007/2003
- Lotus Domino 8.5/8.0 and 7.0
- Any SMTP mail server

Fax Clients
- Microsoft Office 2010/2007/2003 and XP
- OpenOffice.org 3.0/2.0
- XMediusFAX SendFAX client for advanced fax composition
- Any SMTP mail client (i.e., Outlook Express, Eudora and Mozilla)
- Microsoft Office Internet Fax Service Integration

[1] For complete details please review the XMediusFAX Installation Guide

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