XMediusFAX® SERVICE PROVIDER EDITION

SOFTWARE-BASED FOIP SOLUTIONS FOR ORGANIZATIONS REQUIRING COST-EFFECTIVE SURVIVABILITY, SCALABILITY AND MULTI-TENANCY

OPTIMIZING 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) and versatile multifunction devices (MFDs).

REDEFINING THE IP FAX SERVER MARKET

XMediusFAX® is Sagemcom’s innovative and patented IP fax server solution supporting the secure and standardized T.38 Fax-over-IP protocol and G.711 Fax Pass-Through. Redefining the market when it was first introduced in 2002, XMediusFAX® is the 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.
SERVICE PROVIDER EDITION HIGHLIGHTS

The XMediusFAX® Service Provider edition is field proven to manage large fax volumes and deliver high levels of scalability, survivability, security, and advanced integration capabilities. It is targeted for service providers and large enterprises and contains a number of key features including:

- Intra-system replication for high availability (floating channel licensing with automatic license redistribution upon failure)
- Inter-system replication for business continuity and disaster recovery
- Multi-tenancy for improved management (up to 500 sites)
- Ability to handle up to 300 fax channels per server
- Distributed SOA architecture with automatic load balancing for increased system scalability
- MySQL database scalable to millions of inbound/outbound faxes with easy archiving
- Enhanced LDAP directory integration (i.e., Active Directory, Lotus Domino) with LDAPS support
- SSL authentication and encryption between all server modules and clients
- Virtual machine support using VMware, Microsoft Hypervisor and Citrix
- Advanced SIP Trunking (T.38 and G.711) optimized integration
- Rich administration and monitoring tools
- Comprehensive inbound fax routing methods for telephony (i.e., DID, CSID) and character recognition based (i.e., OCR, barcodes) solutions

XMediusFAX® SERVICE PROVIDER EDITION TYPICAL IMPLEMENTATION
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 / MFDs.

ENABLING SURVIVABILITY

The XMediusFAX® Service Provider Edition provides high availability (HA) as well as a variety of deployment models ranging from disaster recovery (DR) to remote branch survivability (BS).

ENABLING A FUTURE-PROOF INVESTMENT

As a completely software-based IP fax server solution, XMediusFAX® Service Provider 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 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 UM 2010 and 2013
- Centralized Microsoft Management Console (MMC) or web administrative interface for easy system administration (Assistive Technology Optimized)
- Multi-tenancy for improved management (up to 500 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
- Configurable time zone at user and site level

**Automatic Fax Delivery**

- DID, DNIS, ANI, CISD, OCR, Channel and LDAP search destinations: user, email, printer, folder
- Configurable notification templates and attachment filename and automatic page split
- Barcode routing
- DTMF code support for SIP protocol (inbound/outbound)

**Monitoring & Reporting**

- Monitor all faxes sent, received, or in process, as well as server status
- Live graphical fax port usage monitor and integrated fax load balancing
- 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**

- Built-in active-active redundancy (intra-system replication) for high availability and data protection
- Off-Site (inter-system) replication for business continuity and Disaster Recovery
- Distributed SOA architecture with automatic traffic load balancing
- Ability to handle up to 300 channels on a single server

**INTEGRATION**

- Business application/process integration using XML or embedded fax codes
- System provisioning and configuration with Java API
- 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
- Sagemcom connector for SharePoint 2007/2010/2013
- T.38 and G.711 SIP Trunking

**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 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)
- 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, Chinese
- Delayed / Scheduled Faxing
- User Fax Box Delegation
- User account monitoring
- Print to web fax composition
- HTML5 & CSS3 web-ready interface

**Hardcopy Faxing (MFD)**

- Platform specific - via Sagemcom connectors
- Xerox Extensible Interface Platform™ (EIP)
- Ricoh ESA SDK J10/11
- eCopy ShareScan 5.0
- Sharp OSA 4.1
- Fuji Xerox Apeos 5.0
- Lexmark eSf 4.1

**Via standard interfaces**

- T.37 – Ricoh, ERI, Canon, Lexmark, OKI, Muratec, Okidata, Toshiba
- Scan to SMTP – Konica Minolta, Brother, Dell, Kyocera, Okidata, Olivetti, Samsung, Toshiba
- XML File Polling – 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)

**SUPPORTED ENVIRONMENTS**

- VoIP Gateways
  - Cisco, Avaya, AudioCodes and Alcatel VoIP Gateways
- Fax Protocols
  - ITU T.38, T.37, G.711 and G.711 Fallback
  - V.34 Super G3
  - ERM (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)
  - Client: Windows 8/8.1/7/Vista/XP
  - Cisco SRE-V / UCS Express
- Email Server
  - Lotus Domino 9/8.5/8.0
  - Any SMTP mail server
- Fax Clients
  - Microsoft Office 2013/2010/2007 (32 or 64 bits)
  - OpenOffice.org 6.0/3.4/3.2/3.1.3/0.2/4
  - Outlook 2013
  - 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 8.0+
- Mozilla Firefox 3.6+
- Google Chrome: all latest versions
- Apple Safari 5.x+

1 For complete details please review the XMediusFAX® Installation Guide

**TECHNICAL SPECIFICATION SHEET**