Sagemcom - Enabling IP Faxing in a VoIP Environment

Sagemcom, an Avaya DevConnect Technology Partner, provides the future-ready XMediusFAX boardless T.38 IP fax server for organizations that have deployed, or plan to deploy, Avaya IP Telephony.

With the XMediusFAX T.38 Fax over IP (FoIP) fax server, sending IP fax messages becomes as simple as sending email messages – helping organizations leverage their VoIP investments. XMediusFAX can significantly reduce costs, boost productivity, streamline business processes and enhance unified communications.

The unique, all-in-one and software-only XMediusFAX was the first T.38 FoIP solution to be interoperability tested. The boardless FoIP technology is the most comprehensive solution to the common “fax problem” today, where costly analog fax lines and hardware still lag behind in new but non-optimized VoIP networks. In these environments, costly plain old telephone system (POTS) lines are still being utilized for connecting traditional fax machines and multifunction peripherals (MFPs).

As a mature, field-proven boardless FoIP solution, XMediusFAX is unique because it can be deployed and administered in any virtual machine environment, thereby consolidating network and IP telephony resources. Unlike other fax servers (software/hardware hybrids that cannot be virtualized), XMediusFAX is a virtual-machine-ready software that integrates quickly into backup, data replication, and disaster recovery scenarios. As a truly hardware independent solution, XMediusFAX provides for a redundant fax server system that is simple to administer, use and upgrade.

How XMediusFAX works

XMediusFAX T.38 FoIP server software enables rapid, secure and reliable desktop faxing by seamlessly integrating with Avaya Media Gateways. Users can rapidly and securely send and receive faxes over the IP network through their existing Microsoft Outlook, Lotus Notes, SMTP-compliant email client, or networked multifunction printer (MFP). Fax messages share a common inbox with voicemail and email messages, forming a foundation for optimized unified communications.

XMediusFAX also facilitates regulatory compliance with laws such as the Health Insurance Portability and Accountability Act (HIPAA) and Sarbanes-Oxley Act (SOX). The solution privately routes fax messages to intended recipients’ email accounts or secure printers, safely storing and indexing the documents for easy archiving and retrieval.

XMediusFAX supports all Avaya Media Gateways. Specifically, the solution works with Avaya Aura® Communication Manager, an open, extensible IP telephony platform that can be deployed as an IP PBX or feature server supporting a SIP-only environment, or as an evolution server supporting both SIP and non-SIP environments. In addition, XMediusFAX supports Avaya IP Office integrations, offering fax server features to the SMB market. IP Office is an intelligent communications solution specially designed to meet the communications challenges facing small and midsize businesses, delivering the communications capabilities big businesses are used to with the simplicity and ease of use small businesses require.

How can organizations of all sizes fax-enable their Voice over IP (VoIP) environments – without the need for additional hardware or fax boards?

XMediusFAX Seamless Integration with Avaya Aura® Communication Manager enables faxing to and from applications, e-mail clients, the Web and MFPs.
XMediusFAX was interoperability-tested under the following scenarios:

- Avaya Aura® Communication Manager 3.1, 4.01, 5.1, 5.2.1, 6.0.1
- Avaya Aura® Session Manager 6.1
- Avaya Aura® SIP Enablement Services 5.2.1
- Avaya S8300, S8500, S8710 Servers
- Avaya G350, G450, G650, G700 Media Gateways
- Avaya IP Office 8.0

**Benefits**

**XMediusFAX products:**

- Address the “fax problem” in IP networks with the most advanced T.38 FoIP integration for Avaya gateways
- Provide seamless gateway integration and virtual machine support (i.e. VMware, Hyper-V, Citrix)
- Require no additional fax hardware
- Plug directly into media gateways and servers
- Enable users to send and receive fax messages directly from their existing desktop email clients or MFPs and digital copiers

**XMediusFAX is available in four editions:**

- **SP –** For service providers and large enterprises, the SP edition can manage large fax volumes and deliver high levels of scalability, survivability, security, and enhanced integration capabilities.
- **Enterprise –** For small and large enterprises, the Enterprise edition can manage large fax volumes and deliver high levels of security, advanced integration, and monitoring and reporting capabilities.
- **Express –** For small to mid-size user groups, the Express edition is ideal for organizations requiring a software-only fax solution with up to four fax channels and email integration.
- **AXP –** For small to mid-size organizations and branch office deployments, the AXP edition runs inside a Cisco Integrated Services Router and operates natively on the Application eXtension Platform (AXP).

**System Requirements**

**Operating Systems**

- Virtual machine support (i.e., VMware, Hyper-V, Xen server)
- Server: Microsoft Windows 2008/2003 (32 or 64 bits)
- Client: Microsoft Windows 7/ Vista/2003/XP/2000 SP4

**Email Server**

- Lotus Domino 8.5/8.0 and 7.0
- Any SMTP mail server

**Fax Clients**

- OpenOffice.org 3.1/3.0/2.4
- XMediusFAX SendFAX client for advanced fax composition
- Any SMTP mail client (i.e., Outlook Express, Eudora and Mozilla)

**Learn More**

To learn more about Avaya solutions and DevConnect partner Sagemcom, contact your Avaya Account Manager or Avaya Authorized Partner. Or, visit us online at www.avaya.com.

**ABOUT SAGEMCOM**

Sagemcom is the global leader in advanced fax server solutions for IP networks. Its field-proven XMediusFAX leverages IP telephony and unified communications (UC) systems to enhance productivity, collaboration, and ROI by integrating fax on the desktop. Deployed worldwide in enterprises and service provider sites since 2002, XMediusFAX is the most mature T.38 Fax over IP (FoIP) software on the market. Sagemcom, with its globally recognized excellence in delivering scalable, secure and survivable FoIP solutions, is empowering businesses to fulfill the compelling promise of UC.

For more information, visit xmediusfax.sagemcom.com/fax-server-software/xmediusfax/avaya_compliant_e.htm