

# Sagem-Interstar - Enabling IP Faxing in a VoIP Environment

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

Sagem-Interstar, a Gold-level member in the Avaya DevConnect Program, 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, IP faxing becomes as simple as emailing – helping organizations leverage their VoIP investments. XMediusFAX significantly reduces costs, boosts productivity, streamlines business processes and enhances 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).

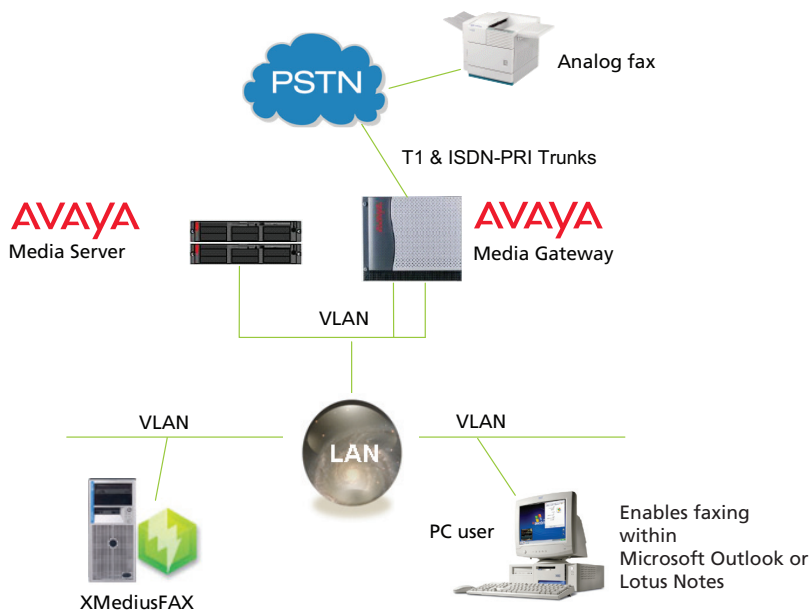
As a mature, field-proven boardless FoIP solution, XMediusFAX is unique because it can be deployed and administered in any virtual machine environment, thereby consolidating network and IP Telephony resources. Unlike other fax servers (software/hardware hybrids that cannot be virtualized) XMediusFAX 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’s VoIP 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). Faxes share a common inbox with voicemail and email, 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 faxes to intended recipients’ email accounts or secure printers, safely storing and indexing the documents for easy archiving and retrieval.

XMediusFAX supports all Avaya VoIP Gateways. Specifically, the solution works with Avaya Communication Manager, an open, scalable, and highly reliable telephony solution that provides centralized call control for a resilient, distributed network of media gateways and a wide range of analog, digital and IP-based communication devices.

### XMediusFAX Seamless Integration with the Avaya Communication Manager VoIP Platform



XMediusFAX Seamless Integration with Avaya Communication Manager enables faxing within Microsoft Outlook or Lotus Notes

XMediusFAX was interoperability-tested under the following scenarios:

- Avaya Communication Manager 3.1, 4.01 and 5.1
- S8300, S8500 and S8710 Servers
- G650 and G700 Media Gateways

## Benefits

### XMediusFAX products:

- Address the “fax problem” in IP networks with the most advanced T.38 FoIP integration for Avaya gateways
- Provide seamless iPBX integration and virtual machine support (i.e. VMWare)
- Require no additional fax hardware
- Plug directly into the VoIP gateway
- Enable users to send and receive faxes 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 is field proven to 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 is field proven to manage large fax volumes and deliver high levels of security, advanced integration, and monitoring and reporting capabilities.
- **Express** – For small to medium-size user groups, the Express edition is targeted 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 (ISR) and operates natively on the Application eXtension Platform (AXP).

## System Requirements

### Server:

- Windows 2008/2003/2000 SP4
- Microsoft Exchange 2007, 2003, 2000 or 5.5; SMTP/POP3 (ITU T.37 FoIP); Lotus Domino 8.0, 7.0, 6.x

### Client:

- Windows Vista/2003/XP/2000 SP4
- Microsoft Outlook 2007/2003/XP/2000; Lotus Notes; any SMTP mail client (i.e., Microsoft Outlook Express, Eudora and Mozilla Thunderbird)

## ABOUT DEVCONNECT

The Avaya DevConnect Program provides a wide range of developer resources, including access to APIs and SDKs for Avaya products, developer tools, technical support options and training materials. Registered membership is free to anyone interested in designing Avaya-compatible solutions. Enhanced Membership options offer increased levels of technical support, compliance testing, and co-marketing of innovative solutions compatible with standards-based Avaya solutions. To learn more, or register for membership, please visit [www.avaya.com/devconnect](http://www.avaya.com/devconnect).

## Learn More

For more information on how Avaya Intelligent Communications can take your enterprise from where it is to where it needs to be, contact your Avaya Client Executive or a member of the Avaya Authorized BusinessPartner program, or visit “Do Your Research” at [www.avaya.com](http://www.avaya.com).

## ABOUT SAGEM-INTERSTAR

Sagem-Interstar Inc. 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 FoIP software on the market. As the North American subsidiary of Sagem Communications, Sagem-Interstar, 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 [www.sagem-interstar.com](http://www.sagem-interstar.com).

## ABOUT AVAYA

Avaya is a global leader in enterprise communications systems. The company provides unified communications, contact centers, and related services directly and through its channel partners to leading businesses and organizations around the world. Enterprises of all sizes depend on Avaya for state-of-the-art communications that improve efficiency, collaboration, customer service and competitiveness.

For more information please visit [www.avaya.com](http://www.avaya.com).