

# AS SEEN IN AvayaExtra

## FoIP meets VoIP

### **XMediusFAX is the only boardless FoIP solution for Avaya VoIP platforms**

**A**vaya VoIP network infrastructures are proliferating today, as more than one-million business customers worldwide, including over 90 percent of the FORTUNE 500, migrate to IP Telephony. For organizations employing or transitioning to an Avaya IP Telephony deployment, a vital communications component often overlooked is faxing.

Consequently, some new VoIP deployments remain non-optimized—with costly POTS lines still utilized for connecting traditional fax machines and multifunction devices (MFDs)—while the rest of the organization's telecommunications are enjoying the features and reaping the benefits of IP Telephony.

This "fax problem" significantly impedes ROI payback on VoIP investments, since organizations continue to incur long-distance fax charges, fax board maintenance and upgrades, paper, toner, as well as other

fax-related costs. Without Fax over IP (FoIP), organizations are hindered in productivity, business workflow, and ultimately even regulatory compliance in sectors such as government, healthcare, and finance.

As an Avaya DeveloperConnection Partner, Sagem-Interstar (formerly Interstar Technologies) has solved the VoIP fax problem by optimizing VoIP environments with XMediusFAX®—the first and only T.38 boardless FoIP solution that integrates into the Avaya Communication Manager VoIP platform without requiring expensive fax boards or any additional hardware or software kits.

Instead of a fax board connected to the PSTN, XMediusFAX utilizes the T.38 protocol—a public standard approved in 1998 by ITU—over a VoIP gateway. Among the many advantages of using T.38 for faxing are real-time transmission (as opposed to T.37's "store and forward" mode), reliability (as opposed to packet loss with VoIP CODECs such as G.711), and significant cost savings (no fax hardware infrastructure required).

Available since 2002, and now Compliant-Tested by Avaya, XMediusFAX

is a software-only solution that is cost-effective, easy to deploy, and scalable to millions of inbound and outbound records that are centrally managed in a MySQL database. As a software solution, XMediusFAX employs standards-compliant Java, XML and SSL technologies that go hand-in-hand with VoIP environments, providing 24/7 reliability and security, as well as fast and stable faxing with distributed processing, load balancing and failover support.

On a user level, since inbound FoIP faxes share a common inbox with email and voicemail, they are confidential and address the ever-increasing mobility of today's workforce because they can be sent and received on multiple devices. A study has shown that routing IP faxes to employee inboxes generates 25-40 minutes of additional productivity per employee per day.

Finally, in today's highly legislated business environment, where governments require strict adherence to document handling and storage procedures, FoIP makes perfect sense. Unlike email, a fax delivered over an IP network is considered to be a legal document. GSA-approved XMediusFAX creates an audit trail of all faxes sent and received, facilitating compliance with laws such as the Health Insurance Portability Act (HIPAA) and Sarbanes-Oxley Act (SOX), and saving employees untold hours scanning and filing documents.

With XMediusFAX leveraging Avaya's leading VoIP technology, the FoIP/VoIP combination has a very bright future because it can pay for itself in cost savings, while providing a more reliable, flexible, and scalable fax solution. ☎

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**XMediusFAX®**  
**The only boardless FoIP solution**  
**Compliant Tested for Avaya VoIP platforms**

**Sagem-Interstar**  
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Sagem-Interstar's XMediusFAX® boardless T.38 Fax over IP (FoIP) server is Avaya Compliant Tested. The world's first and only boardless IP fax server solution for Avaya Communication Manager VoIP platforms. Send and receive faxes from your email inbox. XMediusFAX facilitates regulatory compliance (ie HIPAA, SOX). Quick and easy to install, configure and upgrade. [www.faxserver.com](http://www.faxserver.com)

Global Leader in IP Fax \*  
Changing the Way You Fax™

\* Source: Davidson Consulting's "Computer-Based Fax Report", published July 2005.

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