

Reduce faxing costs and increase efficiency with a Fax over IP (FoIP) Solution

With the iMPS FoIP T.38 solution, you can:



- Reduce telecoms costs by up to 90% over traditional faxing methods
- Virtually eliminate the costs of printing, paper consumption, toner and ongoing maintenance
- Increase staff efficiency by up to 90%
- Improve security and route sensitive documents directly to recipients
- Provide a complete audit trail of fax transactions to meet compliance requirements
- Become a greener business by reducing energy consumption and using less environmentally unfriendly consumables
- Eliminate junk faxes

Despite the increasing power of the Internet and popularity of email, Fax technology is still a critical communication component used everyday in the corporate world.

It is the prevailing, preferred, legally binding method for transmitting critical, time-sensitive and confidential information, yet it is an area that often remains completely unmanaged and unsecured.

Internal Fax communication is also an area that many businesses overlook when improving processes and identifying new ways to reduce costs, even though it is an area that can often provide a rapid return on investment (ROI) and offer large savings virtually overnight.

What is FoIP?

Fax over Internet Protocol (FoIP), also known as IP Faxing, is a method of sending faxes over the Internet and changes the transmission medium of faxing in much the same way that Voice over IP (VoIP) changes the transmission medium of a phone call.

With FoIP, fax information is sent as "IP Packets" over the Internet rather than as an analogue signal via a phone line and provides an even wider range of benefits than VoIP.

By moving to a Fax over IP environment, and routing faxes over their IP network, organizations can slash the telecommunications cost of every fax, improve the efficiency of their staff, eliminate the ongoing cost of fax consumables and maintenance and increase the overall security of their fax processes.

Contact us now for
more information ...

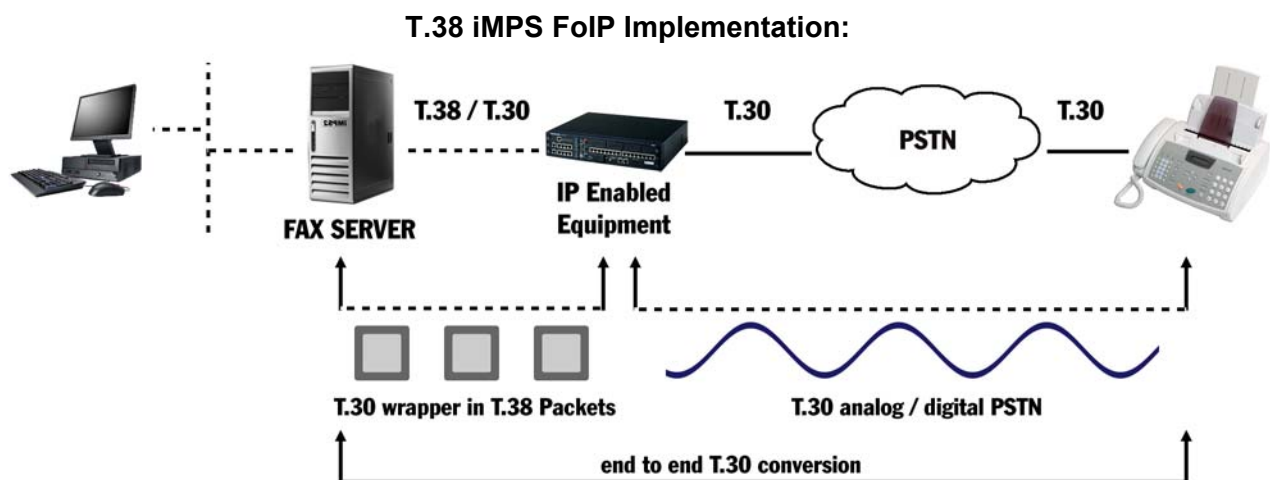
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Technical Overview

Unlike a traditional fax server implementation, in which it is connected to the phone network (PSTN) through a local PBX, FoIP works via a T.38 protocol that describes how to send a fax over a computer data network. T.38 requires a T.38 capable VoIP gateway as well as a T.38-capable fax device.

A fax server that sends or receives faxes using T.38 looks just like any other non-FoIP fax device to its partner. The two end points establish a session, send and verify the transmission of one or more pages and then complete the session with active confirmations from both sides. The difference with a FoIP-enabled server is that the first part of the communication session from the server to the network traverses an IP network rather than travelling directly over the PSTN. If the partner device is directly addressable on the same network, the session can use T.38 for the entire transmission. But if the devices are separated by the telephone line, the IP switch manages the "unwrapping" of T.38 packets into standard T.30 fax transmissions over the PSTN.



To implement the FoIP capabilities of the iMPS FoIP fax server, we use the Dialogic Brooktrout SR140 fax software, available in densities ranging from 2 to 60 channels and supporting up to 120 ports in a single server. Additional channels can be installed with new software license keys.

The Dialogic SR140 FoIP product is compliant to the T.38, SIP and H.323 industry standards and is regularly tested to check compatibility with additional PBX's. Gateways. SIP Trunking interfaces and other devices.

To verify interoperability with your IP environment, please contact us for an analysis of your IP environment and configuration recommendations.

Why Choose iMPS FoIP?

- Easily send faxes over the internet through Fax over IP (FOIP) support
- Integrates with your existing IP PBX
- FOIP functionality can be used to implement Least Cost Routing (LCR)
- Minimal administration and user training required
- Send faxes from any application
- Seamless integration with your mail server

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