Fenestrae Faxination

Faxination FoIP Device

Switching to Fax-over-IP (FoIP) allows you to eliminate the need for your existing fax hardware and also affords you the ability to completely virtualize your fax server. This results in a vast reduction in energy use, hardware investment and administration loads.

Who should consider Fax-over-IP?

You should consider Fax-over-IP if you want to:

- Virtualize the infrastructure
- Reduce hardware costs and dependencies
- Maximize use of current IP PBX
- Reduce energy cost
- Reduce operational and maintenance costs
- Lower overall Total Cost of Ownership (TCO)

Reduce cost via virtualization

Fax boards and servers can be replaced with pure software based faxing. When FoIP is implemented, faxes can be sent entirely software based, and existing fax hardware can be removed. This allows the fax server solution to be completely virtualized, removing the liability of a fax card as the single point of failure. Furthermore, virtualized fax servers can be easily consolidated, which generates significant cost savings on hardware investment and maintenance.

Lower total cost of ownership

When considering IP-based communications, the inclusion of fax as one of the converged communication channels helps create additional benefits. Rationalization of infrastructure and reducing IT management workload help drive down both direct and indirect costs involved with telephony and fax messaging. Fax-over-IP saves organizations money by centralizing administration and making more efficient use of existing Telco connections.

Leverage your current infrastructure

With the Faxination FoIP device you can integrate the fax server with an existing IP phone system. Leveraging your existing network eliminates the need for additional investment in fax hardware, reduces Telco costs and maintains compatibility with traditional fax machines. It allows for seamless integration of fax into your current Unified Communication and Unified Messaging environment.

Start now!

The Faxination FoIP Device supports all the possible Fenestrae architecture scenarios like single server, mirrored servers, load balancing and high-availability clustering. The Faxination FoIP Device can work in a centralized environment (all on one server) or decentralized (multiple connectors installed at branch offices).

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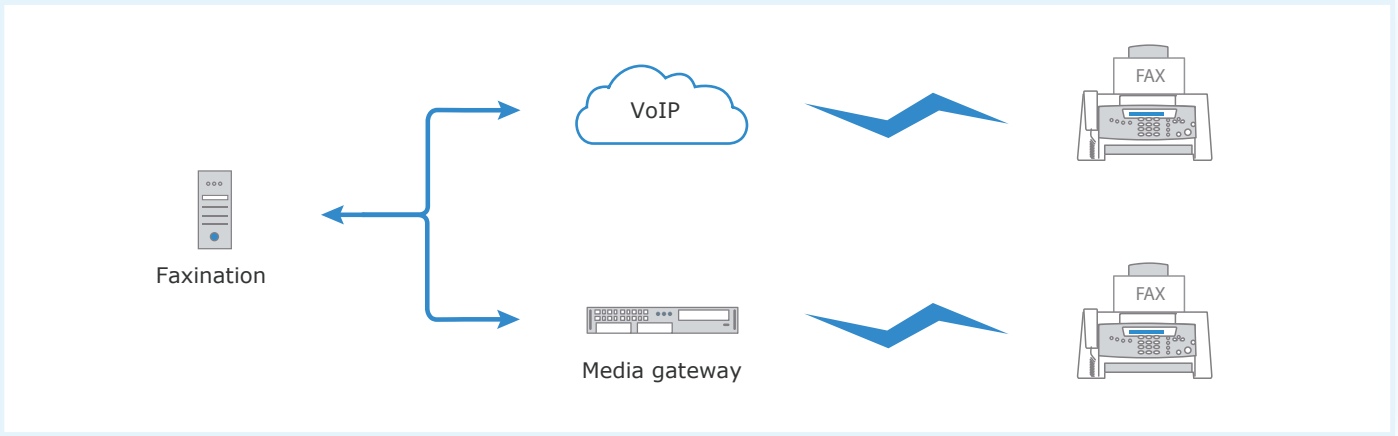
What is Fax-over-IP?

Fax-over-IP is a method for sending and receiving faxes over your IP network. This eliminates the need for dedicated fax hardware. FoIP is a complementary technology to Voice-over-IP (VoIP) and has all of the same benefits such as least-cost routing between gateways.



The FoIP protocol

The industry standard protocol for FoIP is T.38. The protocol was designed for sending and receiving faxes over IP to work like traditional faxing. Analog fax machines, which are designed to work over standard phone lines, use the T.30 protocol. The T.38 protocol encapsulates the T.30 fax traffic into data packets for real time fax transmission over IP networks.

Supported and certified

The Faxination FoIP Device supports the T.38 protocol and T.38 gateways without the need for any additional software or hardware. So even if your enterprise does not have a Voice-over-IP network in place today, it can still implement FoIP through the use of media gateways.

The Faxination FoIP Device is certified and supports many VoIP networks like Cisco, Avaya, Alcatel, Nortel, Innovaphone, Mitel and ShoreTel as well as Dialogic and AudioCodes Media Gateways.

About Fenestrae®

Fenestrae®, founded in 1990, is a global provider of innovative solutions that help organizations improve agility and reduce costs by eliminating paper from key business processes. Fenestrae's suite of flagship products consists of Udocx® and the Faxination® Server. The company has offices in The Netherlands (HQ), US, Germany, Spain and Hong Kong. It serves over 9000 customers in more than 40 countries.

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