Zetafax FoIP Connector

The Zetafax Fax over IP (FoIP) Connector supports sending and receiving faxes via a VoIP compatible PBX or media gateway.

If your business is looking at migrating to a Voice over IP (VoIP) phone system, the Zetafax FoIP Connector will enable you to continue to manage faxing with this new network in place. The Zetafax FoIP Connector is also used with Virtual Server installations, removing any need to install fax hardware on the Virtual Server.

Eliminate internal phone connections

With the architecture of standard fax servers relying on physical connections to the office PBX, a switch to VoIP should deliver the ability to eliminate any internal phone connections. Most PBXs will not cater for physical phone lines to which you could connect a TDM fax card but even if you use one of the few that do, this is a less than optimum solution and impacts the ROI of the new VoIP system. To address this issue you can now migrate fax to an entirely software based solution with a Zetafax FoIP Connector.

Reduce admin overhead

Because Zetafax can send and receive faxes using IP rather than traditional modems or fax adapter cards it is very simple to manage in an IP environment. Because there is no hardware, no updates are required to the PBX and the admin overhead is reduced because management of faxing becomes part of the IP infrastructure.

Support for T.38 gateways

For companies without a compatible phone system, the Zetafax FoIP Connector also supports a range of standalone T.38 gateways. These are connected directly to the Local Area Network (LAN), and to one or more phone lines. They are available for BRI and PRI digital lines as well as for analog lines.

Support for SIP trunks

For companies where the phone lines are not hosted by the third party ISP, a SIP trunk will be used to communicate between the Zetafax Server and the FoIP gateway. SIP trunks provided this way are fully supported by Zetafax. Equisys do not recommend use of Zetafax with public SIP phone and fax services.
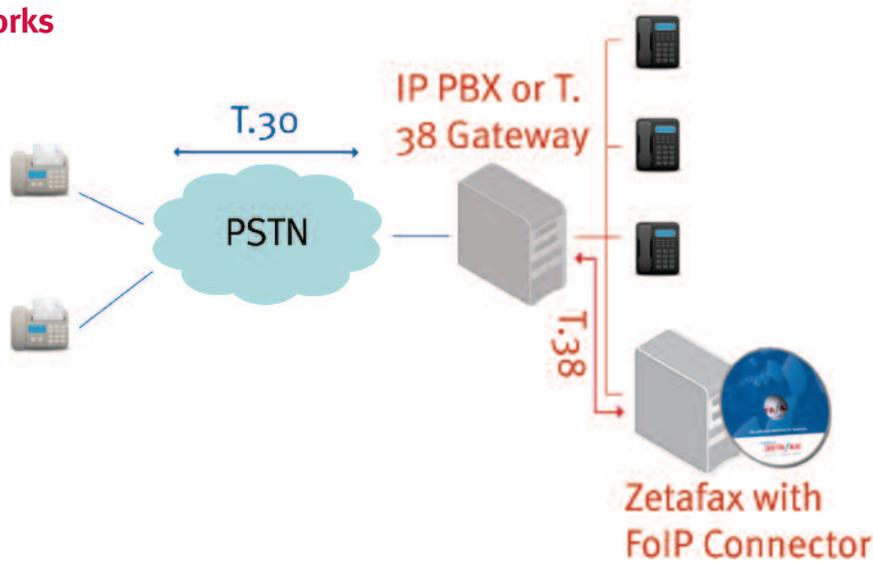
SR140 Edition

The SR140 Edition uses market-leading Brooktrout SR140 technology from Dialogic, for the highest levels of performance and interoperability. This supports a wide range of phone systems and gateways, and has been accredited for use with leading phone systems.

Zetafax FoIP Connector benefits:
- Supports Unified Messaging by centralizing fax and voice services alongside email to reduce cost and maximise employee productivity

- Leverages your existing infrastructure removing the need for separate phone lines and cables for fax

- Software only solution which can be easily expanded

How the Zetafax FoIP Connector works

1. Configuration

The Zetafax FoIP Connector is installed and configured in the same way as an intelligent fax board.

2. Conversion of T.38 to T.30

The Zetafax FoIP Connector uses the T.38 protocol to 'packet' fax communication for transmission over the IP network. This therefore enables the Zetafax server to communicate with a Fax over IP (FoIP or T.38) compatible phone system via the local area network, allowing faxes to be sent to, and received from, traditional fax machines over the PSTN (T.30). This removes the need to connect phone lines directly to the Zetafax Server computer, or to reconfigure hardware when moving the server to a different computer (e.g. for failover systems). If you do not have an IP PBX you can also enable this capability via a standalone T.38 gateway.

Direct paper documents through the Zetafax Server

By combining Fax Relay with the FoIP Connector, paper documents sent via a fax machine or multi-function device can be directed through the Zetafax Server, ensuring all documents are archived and stored securely in Zetafax.

This ensures a complete archive of all sent faxes is maintained, as well as removing the need for dedicated telephone lines which helps reduce costs.

Next steps

For further information contact us or speak to your reseller. Alternatively visit www.equisys.com to find out more

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