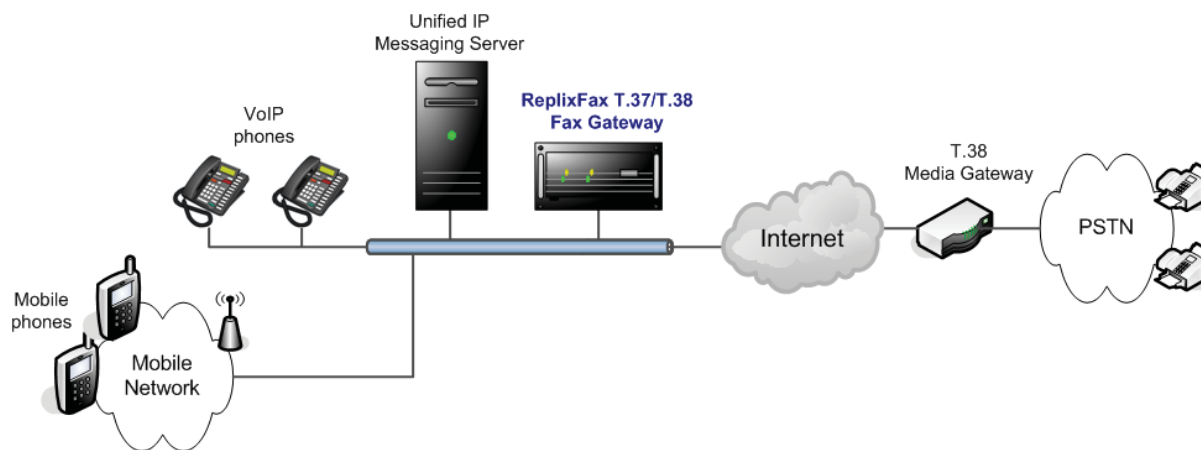




Enable existing IP messaging service with enhanced fax messaging capabilities leveraging Voice over IP network infrastructure. Mobile subscribers can now benefit from a truly unified communications experience to access all types of messages including an incoming fax via their cell phones anytime, anywhere.



Softlinx' ReplixFax T.37/T.38 Fax Gateway enables existing IP messaging systems with enhanced fax messaging capabilities. The solution supports both SMTP-based T.37 store-and-forward IP Fax and T.38 real-time Fax over IP capabilities, thus easily integrating into existing IP messaging service platforms and Voice over IP networks. IP messaging service providers can now offer mobile fax messaging service to its subscribers with only a minimum incremental investment.

How It Works

Incoming faxes are received by the ReplixFax T.37/T.38 Fax Gateway via T.38 media gateways. The ReplixFax T.37/T.38 Fax Gateway, in turn, converts the received fax into an SMTP e-mail message with a TIFF or PDF fax attachment and delivers it to a mobile subscriber's voice message inbox in the IP messaging server with a notification of the arrival of fax to the subscriber.

The mobile subscriber can obtain a hard copy of the fax by issuing a fax forward request and entering a nearby fax machine's phone number to the IP messaging server. Upon receiving the fax forward request, the IP messaging server forwards the request to the ReplixFax T.37/T.38 Fax Gateway. The ReplixFax T.37/T.38 Fax Gateway processes the fax request to deliver the fax to its destination fax device, or the requested nearby fax machine via Fax over IP network.

Key Features and Benefits

- T.37 Store-and-Forward and T.38 Real-time Fax over IP (FoIP) support
- Interoperable with all major VoIP media gateways and routers
- Carrier-grade system with unlimited scalability
- Supports "Out-of-the-Box" server Clustering and Virtualization
- Fully Unix based system that runs on off-the-shelf platforms
- Easy to install, configure and monitor via a secure web based administration interface
- Ability to receive faxes via a mobile phone voice interface
- Incremental new revenues and service differentiation for messaging service providers
- Increased subscriber retention and competitive advantage via enhanced fax messaging service
- Cost savings via consolidation of fax messaging service into a single network infrastructure



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Server Clustering and Virtualization

The ReplixFax T.37/T.38 Fax Gateway is optimized for a large scale, centralized deployment for IP messaging service providers over a Voice over IP network. The ReplixFax T.37/T.38 Fax Gateway system supports “Out-of-the-Box” Server Clustering and Virtualization. Server Clustering offers scalability, reliability and performance to serve most demanding business fax communication requirements. Furthermore server virtualization provides efficient server utilization, fast disaster recovery and overall cost savings.

Dialogic® Brooktrout® TR1034 Fax Boards

The Dialogic® Brooktrout® TR1034 Fax Boards are high-performance, intelligent boards that offer both TDM- and IP-based fax capabilities, enabling easy migration from traditional fax to IP fax. Since they use Dialogic’s field-proven T.30 protocol implementation, which has been adjusted for compatibility with industry variants, TR1034 fax boards can deliver superior call completion at very fast connection rates across a wide variety of fax machines and line conditions. This high level of performance helps ensure that faxes are sent and received the first time, every time, which saves time and reduces fax-related costs.

Dialogic® Brooktrout® SR140 Fax Software

The Dialogic® Brooktrout® SR140 Fax Software provides Fax over IP (FoIP) capabilities for integrating fax servers and fax document management solutions with VoIP networks. Brooktrout SR140 can achieve the same high level of performance, reliability, and scalability as Dialogic® Brooktrout® Fax Boards, since both use Dialogic’s outstanding implementation of the T.30 protocol. The Brooktrout SR140 is available in densities ranging from 2 to 60 channels and can support up to 120 ports in a single server. More channels can be added cumulatively by purchasing and installing new software license keys.

Specifications

- *Supported Server Platforms:*
 - Sun Solaris 10
 - Red Hat Enterprise Linux 4.0 and 5.0
- *Supported T.38 Fax Boards and FoIP Software:*
 - Dialogic® Brooktrout® TR1034 fax boards (Sun Solaris, Linux)
 - Dialogic® Brooktrout® SR140 FoIP driver (Linux only)
- *Telephone Network:*
 - Analog
 - Digital T1, E1, ISDN (PRI, BRI)
- *Certified T.38 IP Media Gateways for interoperability:*
 - Cisco Integrated Services Router (ISR) IOS 12.3 or later
 - Avaya Media Gateway Series Firmware v.26.31.0 or later
 - Siemens RG8702 Media Gateway
 - Nortel Communication Server 1000 Release 5.5 or later
 - Alcatel OmniPCX Enterprise Release 7.1 or later
 - Quintum Tenor Series Release P104-12-10 or later
 - Dialogic® DMG 1000 & 2000 Series
 - Dialogic® DMG 3000 & 4000 Series
 - Dialogic® IMG 1010 Integrated Media Gateway
- *Open Standards Support*
 - ITU-T.37 Store-and-Forward Fax
 - ITU-T.38 Real-time Fax
 - Simple Mail Transfer Protocol (SMTP)
- *Server Virtualization Support*
 - SR140 SDK 5.1.3 or later
 - VMware ESX Server version 3.0.1 or later

Contact Us

For more information on the ReplixFax T.37/T.38 Fax Gateway, call us at +1.800.899.7724 or visit our website at <http://www.softlinx.com>.



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