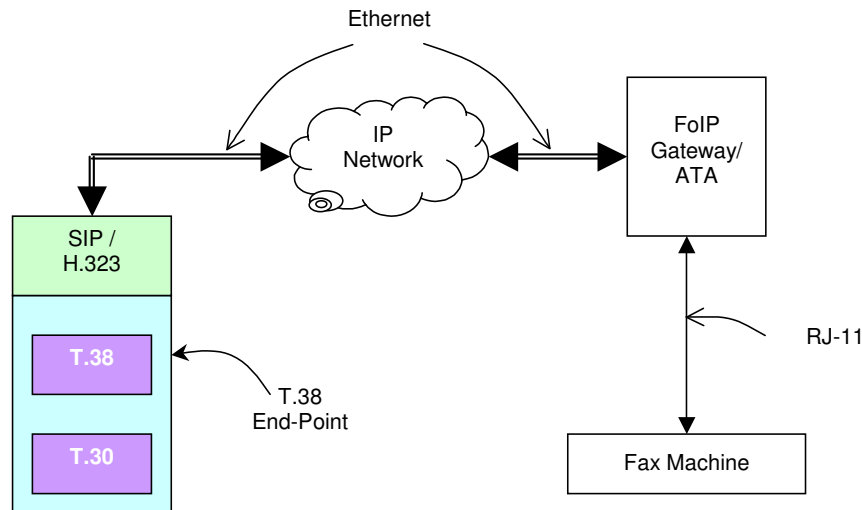


Encore's T.38 End-Point

Technology

The implementation is a real time fax relay or the Internet Aware Fax (IAF); supports ITU-T T.38 along with the ITU-T T.30.



The figure above illustrates the test setup for interoperability tests against an FoIP gateway or an ATA. The fax server stack consists of combination of T.38 and T.30 layers interfaced with a call control protocol like H.323/SIP. The H.323/SIP layer sets up the call with the peer relay. The T.30 layer acts as a fax machine, which will control the fax session and the image transfer. The T.38 layer handles the IFP packets.

Features

- Adheres to all the mandatory features of ITU-T T.38 and ITU-T T.30
- Support up to and including 14,400 bps fax (ITU-TV.17, V.29 and V.27ter)
- Interoperability tested against CISCO router and commercially available ATAs such as PLANET and PATTON
- Supports redundancy for error protection in UDP mode of packet transfer. (Parity FEC, which is an optional scheme of error protection is not supported)
- Implementation of all the modules are in 'C'
- Multi-channel capability
- Flexible Programming Interface ('C' Callable).
- Tested for various IP network impairments such as latency, jitter, packet losses, out of order packet and duplicate packets.
- Provided in the form of Hardware Independent Library for easy pointing to the target platform.
- Customizable API for providing T.4 image interface for the T.38 End-point

Platforms

- Windows
- Linux

Performance

- Per Channel Data memory required is 15 Kbytes
- About 84 channels of T.38 end-point could be executed on a 1.2 GHz Pentium system under Linux

Availability

Now

For further information please visit our web site, <http://www.ncoretech.com> or email to: ip@ncoretech.com

*All trademarks, registered and unregistered, used in this document are properties of respective owners.
This is a Preliminary Specification only and hence is subject to Change without notice*
