



Encore's T.38 Fax Relay

Platform

ZSP 403LP.

Technology

The implementation, which is a real time fax relay, consists of fax relay layer which is in accordance with ITU-T T.38 recommendations and the fax data pump (fax modem) layer which is in accordance with ITU-T V.17, V.29, V.27ter and V.21 recommendations.

Features

- Adheres to all the mandatory features of ITU-T T.38.
- Support up to and including 14,400 bps fax (V.17, V.29 and V.27ter)
- Multi-channel Capability.
- Relocatable Code & Data Modules.
- Interoperability tested against CISCO router and commercially available ATAs such as PLANET and PATTON
- Fax relay operation tested using commercial fax machines and the Genoa Technology's FAXLAB™ T.30 test suites for different profiles.
- Supports redundancy for error protection in UDP mode of packet transfer. (Parity FEC, which is an optional scheme of error protection is not supported)
- Spoofing technique implemented so as to handle fixed latency and jitter in receiving IFP packets
- 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 porting to the target platform.

Performance¹

	T.38	Fax Data-pump
Program Memory	8 K words	10 K words
Per Channel Data	4.5 K words ²	2.4 K words
Tables	0	2.4 K words
MCPS	2	12.1

¹ Specifications are subject to change

² Round trip network delay catered to with this data memory is 2s. However the implementation supports up to 4s round trip delay, in which case requirement data memory will be more.

Availability

Now.

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

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