

# IP•Express•MLT

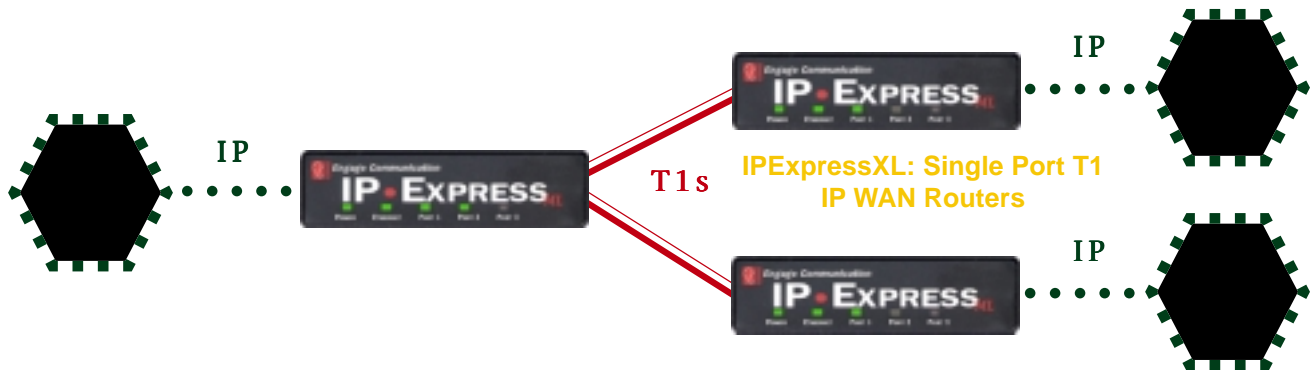
## Engage Communication

### • IP WAN Router with 2 Integrated T1 CSUs •

**IP•Express•MLT** is a Wide Area Network router that routes the Internet Protocol through 2 independent or inverse multiplexed T1 WAN ports. The T1 WAN ports support **Point to Point** and **Frame Relay** Wide Area Networking Protocols with 24/7 proven interoperability.

The **IP•Express•MLT** is a very reliable, high performance and cost effective IP WAN Router for interconnecting two remote LANs and for shared high performance Internet Access. The Integration of the T1 CSUs provides for a complete solution with a straight forward configuration. It is great for:

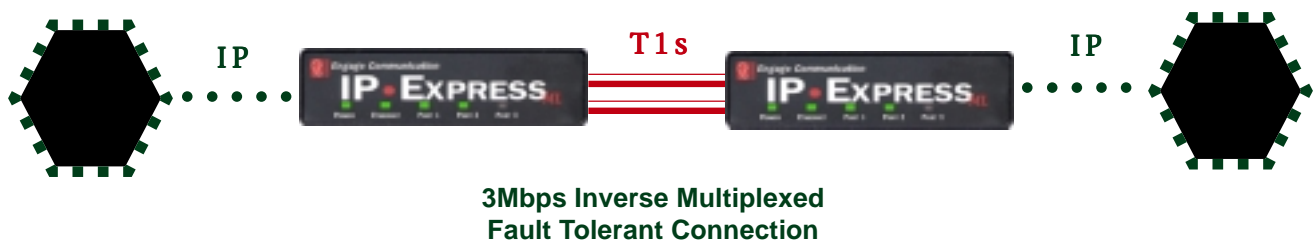
- Shared Internet Access
- Education District Networking
- Branch Office Connections
- Multimegabyte File Transfers



**Network Security** is provided with Full On Source, Destination Address; Port and Flag IP Packet filtering. Remote location interconnectivity is able to be selectively controlled at the network, device and application layers.

**Inverse Multiplexing** is an optional feature of the **IP•Express•MLT**. The Inverse Multiplexor delivers 3 Megabits of interconnectivity over Dedicated and Frame Relay WANs. Built in T1 line fault detection provides for automatic bandwidth backup. The Inverse Multiplexor is ideal for:

- Very Large Multimegabyte File Transfers
- Mission Critical Fault Tolerant Interconnects
- IP Video Streams



# IP•Express•MLT



## Technical Specifications

### LAN Network Interface:

- One 10BaseT Ethernet

### LAN Network Protocols Supported:

- TCP/IP (IP, TCP, UDP, RIP, ICMP, BOOTP, DHCP)
- AppleTalk (Configuration Only)

### WAN Network Interfaces:

- Two T1/FracT1 CSU/DSU ports

### WAN Network Protocols Supported:

- PPP (RFC 1548, RFC 1332, RFC 1334, PAP)
- Frame Relay (ANSI ANNEX D, LMI, RFC 1420)

### T1/Fractional T1 Specifications:

- Framing - ESF (Extended Super Frame) or D4
- Coding - B8ZS or AMI
- Supports DS0 assignments from 1 to 24 (64Kbps to 1.536Mbps)

### Dimensions:

- 9" (L) x 5.5" (W) x 1.50" (H)

### Inverse Multiplexor Option

- WAN Packet Traffic Split in half over each T1 for a doubling of the data rate to 3 Mbps
- Fault Tolerant Auto Backup to working T1 Line

### TFTP Online Upgrade Capable (FLASH ROMs)

- Router is fully operational during upgrade

### Management:

- Telnet support with Edit and Paste Template Files
- EngageView management via AppleTalk
- Console Port for Out of Band Management
- SNMP support (MIB I, MIB II)
- Remote configuration, monitoring, & reset
- View routing, statistics, Frame Relay DLCIs, ...

### Network Security:

- Administrator Password
- Full TCP/IP Filtering
  - Source and Destination Address; Port & Flags

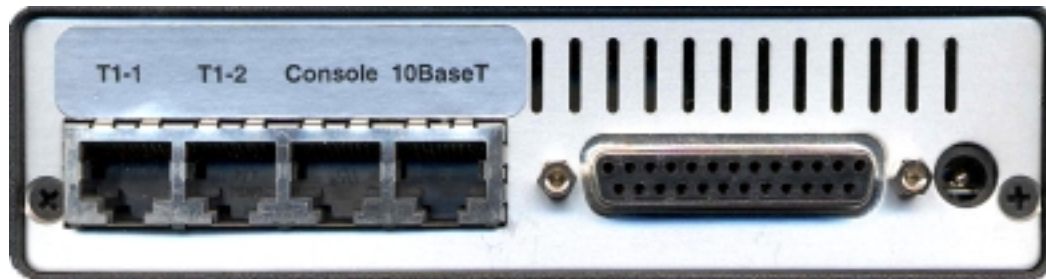
### Power:

- 24VAC, 1.0A; International Adapters Available

## Back Panel

*T1-1: T1 DSU/CSU Interface for WAN connectivity via PPP or Frame Relay*

*Console Port Connector  
• RJ 45 to DB 9 Male Adapter provided*



*T1-2: T1 DSU/CSU Interface for WAN connectivity via PPP or Frame Relay*

*Standard 10BaseT Ethernet interface*

*DB25 connector is a Synchronous V.35/RS530/RS232 DCE Interface*

## Support

Engage Provides Free Technical Support. Online Support Available: [support@engagecom.com](mailto:support@engagecom.com). TFTP Software Upgrades, CLI Configuration Templates: [ftp.engagecom.com](http://ftp.engagecom.com).

**IP•Express•MLTs** are pre-configured to operate with the prevalent T1 telecommunication settings.