



Press Release

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New T1/E1-over-IP Gateway Features Extremely Low Latency

Irvine, CA----- Featuring extremely low latency, the Model TC3845 T1/E1-over-IP-Gateway from TC Communications brings another level of flexibility to IP network connectivity. It transmits 4 channels of T1/E1, or any combination, over Layer 2/3 networks in point-to-point or multi-point applications.

Compact and simple to configure, the TC3845 achieves absolute minimal latency (end-to-end processing delay) by using high-performance buffering and forwarding technology. It is available standalone or as a JumboSwitch-compatible rackmount interface card.

Key features include Traffic Monitoring and Statistics, Network Time Server (NTS), Remote Firmware Upgrade, and Temperature Monitoring. Typical applications include using existing IP networks to extend T1/E1 links between PBX's, connect video conferencing systems, or link Cell Towers to Central Offices over IP networks.

Each T1/E1 channel is independent and transparent to protocols and signaling that run over T1/E1. All applicable standards and line codes are supported. For proper functionality, each T1 and E1 channel utilizes 6Mbps and 8Mbps of bandwidth, respectively.

Setup, diagnostics, and management are accessed via Web, SNMP, Serial Console, and Telnet. Diagnostics include LED indicators and local and remote loopback to assist with troubleshooting and maintenance.

The TC3845S offers Rate Limiting on bandwidth utilization and supports QoS for packet prioritization. Power redundancy is standard. An extreme temperature version is available (-40°C to +80°C).

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Specializing in Fiber Optic Communications networks, TC Communications, Inc. designs and manufactures all types of Multi-Service Access Platforms, Ethernet Switches, Media Converters, Modems, Multiplexers, Telephone/Data Multiplexers and Telephone Extenders.

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