

Universal Transport System

The UTS1000 delivers Ethernet bandwidth by bonding multiple existing copper or fiber TDM facilities into a single virtual transport pipe. With it, users can create any amount of Ethernet bandwidth up to line-rate Gigabit Ethernet. With Gigabit or 10/100 Ethernet clients, and DS3s or OC3/OC12s line facilities, it is the ideal platform for Ethernet service delivery.



CLIENT INTERFACES

- One interface slot per chassis
- Gigabit Ethernet
 - 2 ports per client card
 - Pluggable GBIC interfaces with SC connectors
 - Rate limiting (10 Mbps increments)
- 10/100BaseT
 - 4 ports per client card
 - RJ-45 connectors
 - Rate Limiting (1Mbps increments)
- Pre-provisioning/auto-provisioning
- Ethernet clients support PAUSE

LINE INTERFACES

- One interface slot per chassis
- SONET/SDH
 - 2 ports per line card
 - OC3 or OC12
 - STM1 or STM4
 - STS1, STS3C, STS12C mappings
 - Pluggable IR/LR optics with LC connectors
- DS3
 - Six ports per line card
 - BNC connectors (rear)
- Pre-provisioning/auto-provisioning

MANAGEMENT

- SNMP (v2c)
- TL1
- Embedded HTTP-based GUI
- DCC: IP and OSI

- Ethernet management port
- Craft Interface: RS-232 or RJ-45
- In-band management of remote devices
- Alarm and Event notification and logging
- Performance Monitoring:
 - RMON (RFC 1757)
 - T1.231
 - GR-253
 - GR-820
- Security administration
- Database backup and restoration
- In-service software upgrade

SPECIFICATIONS

- Dimensions: 3.5”H x 17”W x 12”D (2RU)
- 19” or 23” rack mountable
- Operating temp: -5 to +60 °C
- DC power: -48 VDC, redundant feeds
- AC power: 110/220 VAC
- Weight: approx. 18 pounds
- Power consumption: 100W max, 40W typical

COMPLIANCE/CERTIFICATION

- NEBS Level 3—Zone 4 certified
- CE mark, TUV
- UL 1950
- FCC Part 15/Part 68

FEATURES

- Line facility bonding
 - In-service bandwidth additions/deletions
 - Protection for line facility failure
- QoS based on Priority Provisioning
 - Per-port basis
 - Three levels available
- Rate Limiting
 - Per-port basis
 - Enables oversubscription
 - Increments vary with client rate
- Transparent Ethernet/IP forwarding
 - Supports VLAN, stacked VLAN
 - IP CoS, IEEE 802.1d

