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NETWORKS

# UTS1100

## Universal Transport System

The UTS1100 is a carrier-class Metro Ethernet transport platform. It allows Ethernet delivery by bonding multiple existing copper or fiber TDM facilities into a single virtual transport pipe. Designed for multi-circuit applications, the UTS1100 enables the simplicity, flexibility and cost efficiency of Ethernet services for any location.


### CLIENT INTERFACES

- Four interface slots 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 (1 Mbps increments)
- Pre-provisioning/auto-provisioning
- Ethernet clients support PAUSE

### LINE INTERFACES

- Two interface slots per chassis
- SDH—2 ports per line card
  - STM1 or STM4
  - VC3, VC4, VC4-4C mappings
  - Pluggable IR/LR/ER optics with LC connectors
- 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), ANSI T1.404, T1.231, GR-253, GR-820
- Security Administration
- Database backup and restoration
- In-service software upgrade

### SPECIFICATIONS

- Dimensions: 5.25”H x 17”W x 12”D (3RU)
- Operating temp: -5 to +60 °C
- DC power: -48 VDC, redundant feeds
- AC power: 110/220 VAC
- Weight: approx. 24 pounds
- Power consumption: 120W max, 50W typical

### COMPLIANCE/CERTIFICATION

- NEBS Level 3—Zone 4 certified
- CE mark, TUV, UL
- 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 enables oversubscription
- Transparent Ethernet/IP forwarding
  - Supports VLAN, stacked VLAN
  - IP CoS, IEEE 802.1d
- Redundant Framer cards (Optional)—99.999% availability

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