

The Ceterus Networks UTS810 enables Ethernet services over ubiquitous T1 or E1 access circuits—across town or across the globe. The UTS810 uses ITU standard circuit bonding to aggregate multiple T1/E1 circuits into a single efficient pipe. Multiple class of service queues allow carrier class prioritization of services. Whether used in a point-point configuration or combined with the Ceterus Networks UTX8212 multiservice cross connect, the UTS810 provides an ideal solution to deliver Ethernet services over the legacy network.

By enabling Ethernet over the existing network without requiring expensive and time-consuming new fiber builds, Ceterus delivers Intelligent Ethernet Today.



### CLIENT INTERFACES

- 10/100BaseT—two ports
  - 802.1q VLAN tagging & stacking
  - VLAN switching
  - Multiple Class of Service queues
  - Rate Limiting in 100 Kbps increments
  - PAUSE-based flow control
  - RJ-45 connectors

### LINE INTERFACES

- T1/E1 Line—eight ports
- Select between T1 or E1
- T1 Line Coding: AMI or B8ZS
- E1 Line Coding: AMI or HDB3
- RJ45 Connectors
- Pre-provisioning/auto-provisioning

### CIRCUIT BONDING

- ITU standards compliance
- Virtual concatenation per G.7043
- GFP per G.7041, G.8040
- LCAS per G.7042

### MANAGEMENT

- SNMP (v2c)
- TL1
- Embedded HTTP-based GUI
- 10/100 Ethernet for management and craft interface

- RS-232 for craft interface
- In-band management of remote devices
- Alarm and Event notification and logging (GR-474, GR-2979, GR-833)
- Performance Monitoring (GR-820)
  - RMON (RFC 1757)
  - ANSI T1.231
- Security Administration (GR-815)
- Database backup and restoration (GR-472)
- In-service software upgrades (GR-2963)

### COMPLIANCE/CERTIFICATION

- NEBS Level 3—Zone 4 certified
- FCC Part 15/Part 68
- UL/CE Certified
- MEF 9, MEF 14

### SPECIFICATIONS

- Dimensions: 1.7”H x 8.5”W x 8.25”D
- Operating temp: -40 to +65
- DC power: +24 VDC, -48 VDC, redundant feeds
- AC power: 100 – 240 VAC, 50 – 60 Hz
- Weight: 4 pounds
- Power consumption: 12.5 W max
- Rack, desktop or wall mount

### FEATURES

- Ethernet over T1s/E1s
  - Deliver Ethernet without dedicated fiber overlay
  - Migrate services from circuit-based to packet-based
- Integrated product family
  - Deploy point-to-point, or point-to-multipoint with UTX8212 Hub
- Hardened for Outside Plant use
- Flexible Bandwidth
  - Dynamic service prioritization by port and/or by VLAN ID
  - Scales in service as more bandwidth needed
- Standards-based circuit bonding
  - VCAT, GFP & LCAS
  - Create exact bandwidth needed between sites
- Service manageability
  - Utilizes TDM network’s inherent OAM&P for Ethernet services
- Increased resiliency compared to separate T1/E1 for each application

