

The UTS1530 delivers converged Ethernet and TDM over the existing T1 or DS3 infrastructure. The UTS1530 uses ITU standard circuit bonding to aggregate multiple T1 circuits for Ethernet services, or converge Ethernet and T1s onto DS3. 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 UTS1530 provides an ideal solution to deliver converged 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—four ports
 - 802.1q VLAN tagging & stacking
 - VLAN switching
 - Multiple Class of Service queues
 - Rate Limiting in 100 Kbps increments
 - PAUSE-based flow control
- T1 Clients—twelve ports
 - ESF (Framed) or Unframed
 - Channelized and non-channelized

LINE INTERFACES

- DS1 Line—twelve ports
- DS3 Line—two ports

CIRCUIT BONDING

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

COMPLIANCE/CERTIFICATION

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

MANAGEMENT

- MANAGEMENT
- SNMP (v2c)
- TL1
- Embedded HTTP-based GUI
- 10/100 Ethernet and RS232 management and 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)

PHYSICAL SPECS

- Dimensions: 1.75”H x 17”W x 12”D (1RU)
- Operating temp: -40 to +65°C
- DC power: -48 VDC, redundant feeds
- Weight: 8 pounds
- Power consumption: 45W maximum

FEATURES

- Multi-service Ethernet & TDM delivery
 - Deliver Ethernet without dedicated fiber overlay
 - Migrate services from circuit-based to packet-based
- 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

