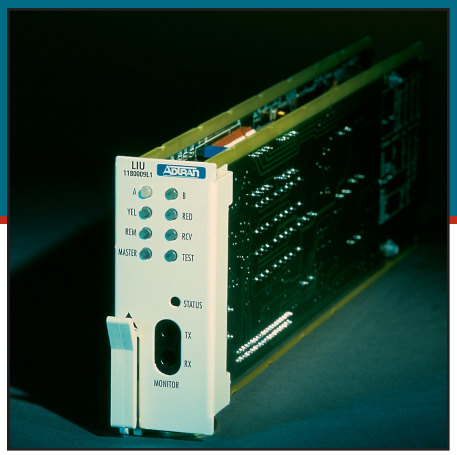

LIU

TOTAL ACCESS™ 1500 DUAL T1 LIU

The ADTRAN® Total Access 1500 Dual T1 Line Interface Unit (LIU) is a common module plug-in unit that connects the channel bank to a T1 line at the DSX-1 level. All data formatting and line encoding, as well as back-plane timing and control, are performed by the ACT LIU.

The LIU can be provisioned locally with on-board switches, remotely through the SCU craft interface, or remotely through network management. The on-board switches are a subset of the provisioning parameters. All parameters are available when provisioning through the craft interface. A faceplate LED indicates whether the LIU operation mode is based on local or remote provisioning parameters. A dual bantam jack located on the faceplate provides test access of the T1 data stream.

The Dual T1 LIU offers up to two T1s of network bandwidth for POTS and special services deployment from the Total Access 1500. The Dual LIU can be deployed in a universal COT/RT configuration or in an integrated RT-only configuration. When used in a universal configuration, the Dual LIU provides 48 DS0s of POTS and special services. When used in a integrated configuration, the Dual LIU will support up to 48 POTS circuits.

ADTRAN's new Carrier Class multiservice access platform, Total Access 1500, offers unmatched versatility for narrowband service offerings in the smallest form factor available. The platform integrates the functionality of many different carrier products into a single chassis. It features high density, easy provisioning, flexible deployment, and low cost-per-port. Deployed in either the central office or remote terminal, Total Access 1500 provides a fast, simple, and effective means of increasing POTS capacity, deploying special services, and deploying DSL services.

PRODUCT FEATURES

- Two T1 lines providing DSX-1 or DS1 interface to the network
- SF, ESF, or TR-008 data framing formats
- AMI or B8ZS line code formats
- Local and remote loopbacks
- Front panel Bantam jacks for monitoring T1s
- Front panel indicators showing the status of the unit
- Determines red/yellow/AIS alarm status
- Provisionable by SCU through intelligent control link
- Terminates BITS clock

ADTRAN

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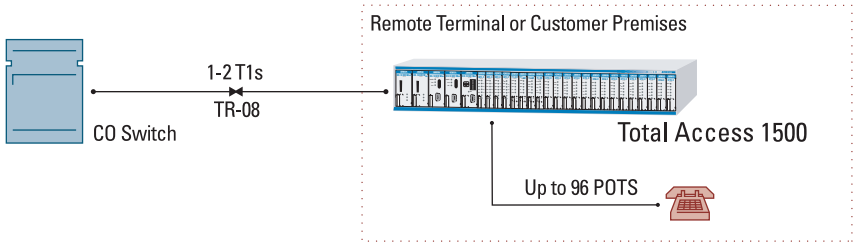

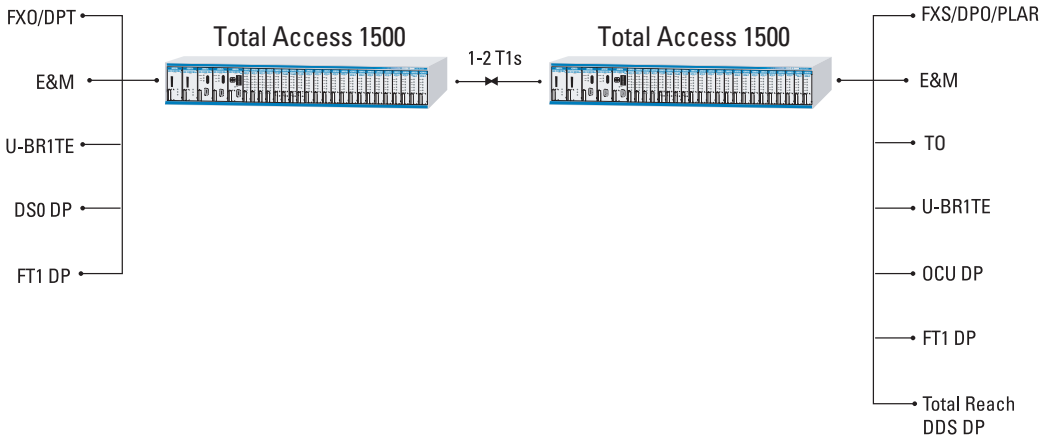

Product Specifications

MECHANICAL

- **Dimensions:** 3.00" H, 0.90" W, 9.72" D
- **Weight:** 2 lbs
- **Mounting:** Plugs into either LIU slot of the Total Access 1500 Chassis

FACEPLATE FEATURES

A, B, C, D, P

- Red - Indicates T1 in trouble
- Yellow - Indicates T1 in yellow alarm
- Yellow flashing - Indicates T1 in test mode
- Green - Indicates is active
- OFF - Indicates monitor mode
- RCV - Red indicates monitored circuit status
- REM - Green indicates remotely provisioned (craft or Network)
  OFF indicates locally provisioned (switches)
- TEST - Yellow indicates test mode active
- MASTER - Green indicates master LIU
  OFF indicates slave LIU
- STATUS - T1 sector for test and troubleshooting

ENVIRONMENTAL

- **Operating:** –40° to +65°C
- **Storage:** –40° to +85°C
- **Relative Humidity:** Up to 95%, non-condensing

Ordering Information

EQUIPMENT	PART #
Dual T1 LIU	1180009L1

Specifications subject to change without notice.

I.S. EN ISO 9001

ADTRAN is an ISO 9001 registered company.

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