



TSU 600 & 600e Systems

Preconfigured Plug-and-Play T1/FT1 Multiplexers for Voice or Data

Product Features

- Pre-configured T1 multiplexers with factory installed modules
- Options for Nx data and FXS, FXO and E&M voice
- From 12 to 24 ports per chassis
- ADTRAN's industry-leading TSU 600 and TSU 600e technologies
- Embedded SNMP management
- TR-08 Mode 1 compliant (unconcentrated)
- Front panel, backlit LCD
- Extensive network testing and troubleshooting
- T-Watch PRO™ and Telnet support for local and remote units
- Industry-leading North American five-year warranty

Preconfigured TSU 600™ and TSU 600e™ systems offer the functionality of ADTRAN's fully featured T1 multiplexers in pre-installed and pre-configured equipment packages.

These systems utilize the TSU 600 or TSU 600e chassis packed with multiple expansion cards for high volume voice and data applications.

Available packages represent the most frequently requested configurations of the TSU 600 and TSU 600e multiplexers, with expansion cards to support 12 data ports, or 24 FXO, FXS or E&M voice ports.

The TSU 600 and TSU 600e chassis have six expansion slots that accommodate various ADTRAN® expansion cards to support user-specific applications, including analog voice, digital voice, DDS, Frame Relay, dial backup, high-speed data and ISDN. Both units include embedded SNMP functionality. The TSU 600e adds an integrated 10Base-T interface to the TSU 600 feature set, along with optional support for internal, dual redundant power supplies. Each hot-swappable power supply is capable of supporting a fully loaded TSU 600e.

The flexibility of the TSU 600/600e multiplexer provides a clear migration path for growing networks. Each chassis supports up to 24 DTE interfaces. The user may combine plug-in and plug-on modules in various

combinations. Single-port and dual-port data modules support access to Frame Relay, DDS or Basic Rate ISDN over T1 facilities. Voice modules allow access to analog voice circuits or a PBX. The TSU 600/600e supports mixed-mode networks incorporating voice, data and video.

The TSU 600/600e equipment packages are factory-configured before shipping. For ongoing configuration and management, the TSU 600/600e and installed expansion modules are fully SNMP compatible. The TSU 600 communicates management information via a SLIP (EIA-232) port; while the TSU 600e offers the convenience of a 10Base-T port for direct connection to the LAN. Both units include Telnet functionality and a front panel LCD for manual configuration.

ADTRAN offers two network management software programs to support configuration and management of the TSU 600/600e Series. T-Watch PRO™ is a Windows, 95 or NT, compatible program that facilitates easy configuration and monitoring of all ADTRAN host and remote devices. For HP OpenView networks, ADTRAN offers ADVISION™, an SNMP-based graphical user interface that integrates seamlessly into a UNIX-based enterprise-wide network management system.





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ADTRAN is a TIS 9000 certified supplier.

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Product Specifications

TSU 600 DP12 NX

- TSU 600 multiplexer with six Nx56/64 V.35 Modules and six Nx56/64 Plug-On Modules for a total of 12 data ports. Includes SNMP functionality.



TSU 600e VP24 FXS

- TSU 600e multiplexer with six Quad FXS Plus Modules for a total of 24 voice ports. Includes SNMP functionality. TR-08 compatible.



TSU 600 VP24 FXS

- TSU 600 multiplexer with six Quad FXS Plus Modules for a total of 24 voice ports. Includes SNMP functionality. TR-08 compatible.



TSU 600 DC VP24 FXS

- OC powered version of the TSU 600 multiplexer with six Quad FXS Plus Modules for a total of 24 voice ports. Includes SNMP functionality. TR-08 compatible.



TSU 600e VP24 FXO

- TSU 600e multiplexer with six Dual 2FXO Modules and six Dual 2FXO Plug-Ons for a total of 24 voice ports. Includes SNMP functionality.



TSU 600 VP24 FXO

- TSU 600 multiplexer with six Dual 2FXO Modules and six Dual 2FXO Plug-Ons for a total of 24 voice ports. Includes SNMP functionality.



TSU 600 VP24 E&M

- TSU 600 multiplexer with six Dual E&M/TD Modules and six Dual E&M/TD Plug-Ons for a total of 24 E&M ports. 2713 Hz loopback detection. Includes SNMP functionality.



For more detailed specifications on the TSU 600 or 600e multiplexers or the voice and data expansion cards included in the Preconfigured TSU 600 Systems, please call 800 9AOTRAN and request a copy of the TSU 600 & 600e data sheet (document number 61202076L1-8B), the Nx56/64 Solutions data sheet (document number 61202054L1-8B), or the Analog Voice Modules data sheet (document number 61200080L1/HS-8A).

Ordering Information

Equipment	Part #
TSU 600	1202076L2
TSU 600e	1202076L1
TSU 600 DP12 Nx	4200076L2
TSU 600e VP24 FXS	4202076L1
TSU 600 VP24 FXS	4200076L1
TSU 600 DC VP24 FXS	4200076L1/DC
TSU 600e VP24 FXO	4202076L3
TSU 600 VP24 FXO	4200076L3
TSU 600 VP24 E&M	4200076L5

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