

# TOTAL ACCESS 3000 CHASSIS

## INTELLIGENT ACCESS PLATFORM

### PRODUCT FEATURES

- Supports management options that include TL1 and SNMP
- Integral multiplexing
- Facilitates installation with AMP Champ network and loop connectors
- Flush or midmount design
- Operates in standard temperature hardening (−40° to +65°C)
- Industry leading 10 year warranty

The ADTRAN® Total Access™ 3000 chassis is the foundation for Total Access 3000, an intelligent system delivering industry-leading, high-speed digital services. Designed for a wide range of uses, the 23-inch-wide, 6-inch-high chassis fits in a standard 23-inch relay rack. It is −48 VDC powered, and has an operating temperature range of −40° to +65°C.

An optional heat baffle, mounted above the main chassis, disperses heat to the rear of the chassis. The heat baffle also facilitates optical fiber routing for any optical fiber cards used in the system.

The chassis offers 28 slots for access modules, two slots for multiplexer modules, and a slot for a management module. Total Access 3000 can be monitored and controlled locally or through TL1 or SNMP.

The System Controller Unit (SCU) facilitates flexible, economical management. It monitors the system for alarms, reports alarm status to the management system, provides a centrally located point for console access, and provides necessary interfaces to support SNMP and TL1 management. The SCU is available in two versions, Standard and Gateway, each of which is hot-swappable.

The backplane accommodates I/O connectors, control-signal routing, power routing, and all interconnections to access modules. The backplane also provides eight 64-pin connectors for network DSX-1 and loop access. In addition, the backplane supports 1:1 automatic protection switching for each access module for loop reliability.

Unique to the Total Access 3000 system, any access slot can use a DSX-1 network interface or a signal derived from the multiplexer slots. This one system can function as an office repeater shelf, a multiplexer or both at the same time.

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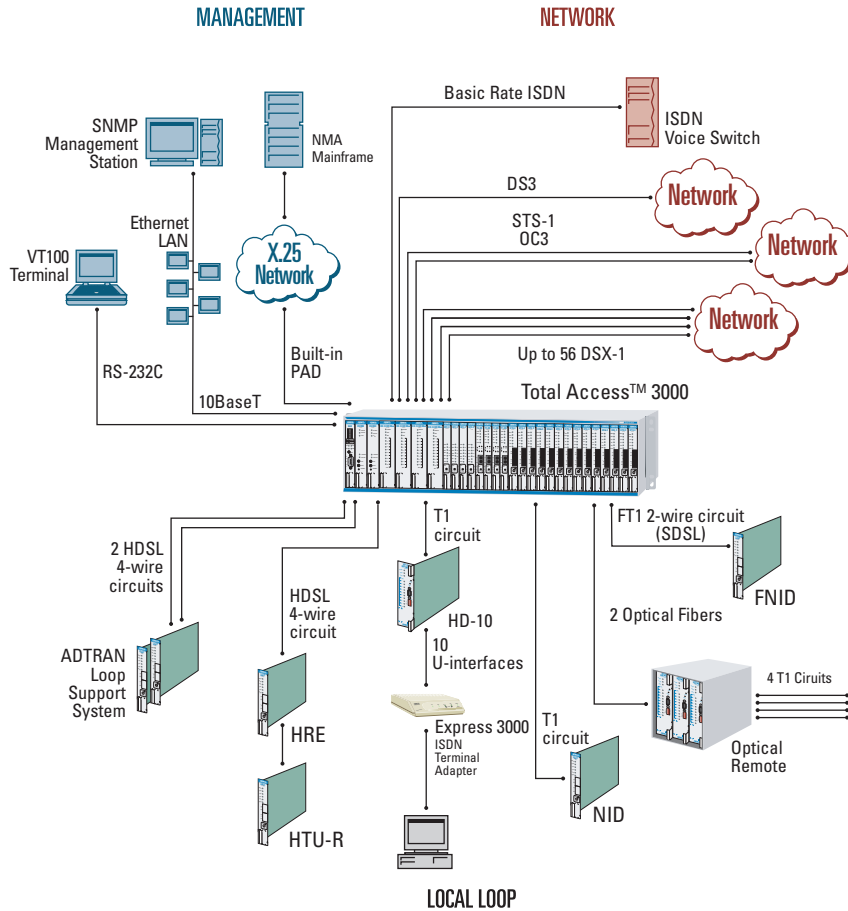
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**Product Specifications**

**MECHANICAL**

**Main Chassis Dimensions**

- 23" W, 6" H, <12" D (NEBS compliant)

**Heat Baffle Dimensions**

- 23" W, 4" H, <12" D (NEBS compliant)

**Fan**

- Mounts on to Heat Baffle

**INTERFACES**

**Network**

- 64-pin AMP Champ connectors (can also be used for additional loop interfaces)

**Loop**

- 64-pin AMP Champ connectors

**Administrative**

- DB-25 local craft interface (same interface as provided by DB-9 on SCU front panel)
- RS-485 two-wire interface for communication between systems
- DB-25 synchronous X.25 supporting TL1

**ELECTRICAL**

**Power/Ground**

- -48 VDC and return for each power bus
- Frame ground for all metal chassis elements

**Input Power**

- -48 VDC nominal
- -42 VDC minimum
- -56 VDC maximum

**Regulatory Standards**

- NEBS Level III
- GR-1089-CORE
- UL 1950

**ENVIRONMENTAL**

**Operating Temperature**

- -40° to +65°C

**Relative Humidity**

- Up to 95%, non-condensing

**Ordering Information**

**EQUIPMENT**

**PART #**

Total Access 3000 Chassis.....	1181001L1
Total Access 3000 Heat Baffle. ....	1181003L1
Total Access 3000 Fan. ....	1181006L1

Specifications subject to change without notice.