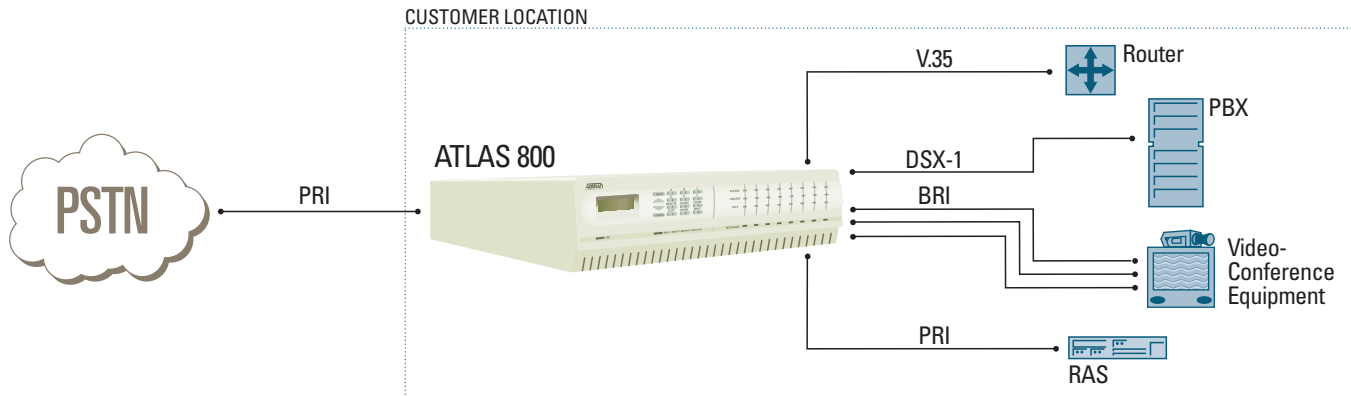


Traffic Consolidation

ATLAS Circuit Saver

Featuring
ATLAS 800



Medium to large sites with a wide range of communications requirements and a wide variety of end user equipment are well served with the ADTRAN® ATLAS Circuit Saver. This integrated access device reduces the number of telco circuits you need for your network, thereby reducing your overall monthly telecommunications costs.

ADTRAN's ATLAS system acts as a complete industry-standard switching device to dynamically allocate bandwidth, as needed, for voice, data, video and Internet. For example, remote access servers for travellers and work-at-home employees are typically used more at night. PBX lines are used mainly during the day. ATLAS can use a single network access line to let these two applications share bandwidth. The ATLAS Circuit Saver also converts line type services such as T1 to ISDN – highly beneficial for efficient PBX and data integration. For integrated networking, the ATLAS Circuit Saver allows you to eliminate many separate communications devices and tie your many pieces of equipment into a single common platform that will reduce overall costs and improve manageability.

For convenient integration of your corporate network, the ATLAS Circuit Saver bundle includes the ATLAS chassis, eight BRIs, six T1/PRI, and four V.35 interfaces under a single part number.

SOLUTION FEATURES

- Significantly reduces monthly network costs
- Dynamically allocates bandwidth between users
- Converts signaling among different line types
- Delivers integrated access in a small footprint
- Offers complete solution in compact, modular and scalable platform
- Includes six T1/PRI, eight BRIs, and four V.35 interfaces

ATLAS

4200180L4

Circuit Saver

- Integrates a wide range of voice, data, and Internet applications that use T1, V.35, PRI and BRI into shared WAN bandwidth

ATLAS Chassis

- Multifunction integrated access
- Eight-slot modular platform
- Two T1/PRI's included
- Manage with SNMP, Telnet, VT100
- Consolidates voice/data/video/Internet traffic

Octal BRI Module

- Eight BRI U interfaces
- LT mode and NT mode support
- Compliant with Lucent 5ESS, Nortel DMS100, and National ISDN
- Maximum distance of 18,000 feet

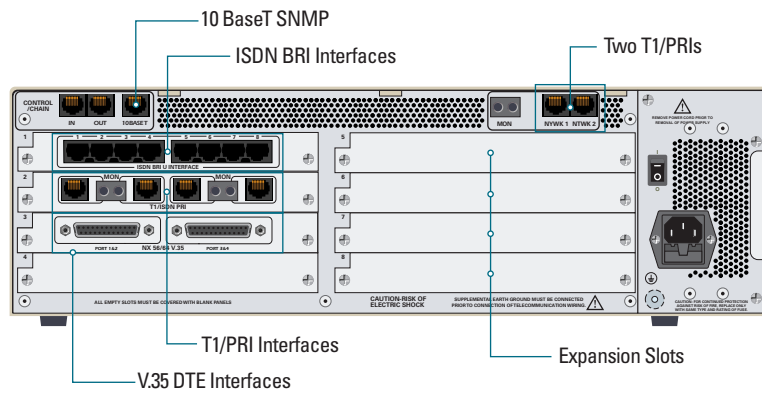
Quad T1/PRI Module

- Four T1/PRI interfaces
- Built-in CSUs
- Configurable for DS-1, PRI or DSX-1 operation
- Maximum distance of 6,000 feet
- D4 and ESF framing formats
- AMI and B8ZS line coding
- Supports monitoring, loopback, test
- Robbed bit signaling to ISDN D-Channel, AMI to B8ZS, D4 to ESF

Quad Nx56/64 Module

- Four V.35 DTE ports
- Synchronous operation to 2.048 Mbps
- V.54 loopback
- Generates/detects 511 test pattern

ATLAS 800



- This configuration targets customers who have multiple telco circuits supporting PBX, router, RAS, and video-conferencing applications but are not using all the bandwidth all the time.
- This package provides six high-speed ports for either T1 or PRI, eight BRIs and four V.35s.

ATLAS Circuit Saver Hardware:

- ATLAS 800 base unit
- ATLAS 800 user manual
- Power cord
- Network cables (2)
- Rackmount brackets (left and right)
- RJ45-DB25 adapter (modem and direct)
- RJ45 control port cable (1)
- DSX-1 crossover cable (1)
- RJ48 to DB15 adapter (1)
- ADTRAN Utilities (VT100 emulator, Telnet, TFTP, syslog)
- Octal BRI Module
 - RJ45-RJ11 cables (8)
- Quad T1/PRI Module
 - RJ48-RJ48 cables (4)
 - RJ48-RJ48 crossover cables (2)
 - RJ48-DB15 adapter cables (2)
- Quad Nx56/64 Module
 - DB37-V.35 adapter cables (2) each servicing two V.35 Winchester connectors

The ATLAS application packages bundle together the most popular ATLAS configurations. The packages allow a customer to use a single part number to order the ATLAS system pre-configured for a specific application. None of the packages will fill the ATLAS chassis, so additional options can be purchased now or added later. The ATLAS platform and its option modules are also available individually.

For More Information

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