AP801 ATM Gateway

High-performance, ATM to WAN Interworking Solution

AddPac

Product Highlights

PassFinder AP801 ATM Gateway

PassFinder AP801 gateway provides high-performance Frame Relay to ATM Inter-working solution for ATM based National Super-Highway interconnection network. This ATM gateway supports ATM E1/T1 port and V.35 Data Communication Equipment (DCE) Port for leased-line Router.

PassFinder AP801 ATM gateway makes it possible to operate without changing of already used leased-line router equipments and applications by converting perfectly from traffic parameters used Frame Relay lines to ATM CBR, VBR, RT-VBR traffic parameters using ATM Forum standard (FRF.8/FRF.5). This equipment can be used for ATM-to-Fame Relay Interconnection instead of conventional CSU/DSU.

PassFinder AP801 ATM gateway provides the very similar Cisco Style CLI interfaces, therefore users are able to install, operate and manage very easily.

Furthermore, PassFinder AP801 gateway is designed to have users the greatest satisfaction with remarkable price versus performance

APOS Internetworking Software for AP Router

AddPac PassFinder Operating System (APOS) is best router software to provide scalability, reliability, stability, and QoS for internetworking solutions. APOS also provides optimized performance and industry standard network functionality with easy-to-use, easy-to-installation, and maintenance.
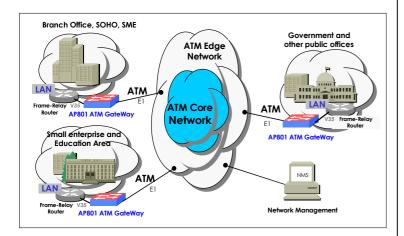
PassFinder The AP801 ATM Gateway provides best price-performance ratio and effective networking solution for customer satisfaction.

- Powerful 64bit RISC Microprocessor Architectures
- High-performance ATM-to-WAN Interworking Solution(FRF.5, FRF.8)
- Fixed E1 ATM, V.35 Async Serial(WAN), and Console Port
- Provides ATM Services such as various Traffic Types, ATM Signaling, Traffic Managements, and Interworking Features Support
- AddPac APOS Internetworking Software to provide Scalability, Functionality, Stability, and QoS Control
- High-performance Architecture for Interworking Service
- Remote Software Upgrade using FTP & TFTP
- Support Cisco Style Command Line Interface(CLI)
- Graceful Compact Enclosure Design with beautiful color

Network Diagram Using AP801 ATM Gateway

Hardware Specification

Microprocessor
- CPU   64bit RISC Microprocessor

Memory
- Flash Memory   4Mbyte
- Main Memory   16/64M bps High-Speed SDRAM
- Boot Memory   512Kbyte Flash Memory

Network Interface
- Fixed WAN Port   One(1) Sync Serial WAN Interface
- Fixed E1 ATM Port   One(1) E1/T1 ATM Interface
- Console Port   One(1) RS-232C Interface

Power & Operation Environments
- Power Requirement   VAC 110~220V, 50/60Hz, 15Watt
- Operating Temperature   0°C to + 50°C (32° to 122°F)
- Storage Temperature   -40°C to +85°C (-40° to +185°F)
- Relative Humidity   5% to 95% (Non-condensing)

Dimensions
- H X W X D (mm)   45mm X 210mm X 333mm
- Weight(kg)   1.27Kg

Support Protocols & Services

WAN Service
- FRF.8 ATM-to-Frame-Relay Service Interworking
- Data Communication Equipment (DCE) Support

Network Managements
- Remote Management using Console, Rlogin, Telnet
- Web based Managements using HTTP Server

Operation & Managements
- System Performance Analysis for Process, CPU, Connection I/F
- Configuration Backup & Restore for APOS Managements
- Debugging, System Auditing, and Diagnostics Support
- System Booting and Auto-rebooting with Watchdog Feature

ATM Service
- Standard Fixed E1 ATM Interface
- ATM PVC UNI3.0, 3.1, 4.0
- IP over ATM (IPoA) based RFC1483 and RFC1577
- ATM Encapsulation, Interworking Feature
  - PPP over ATM (PPPoA) and PPP over Ethernet (PPPoE) Support
- ATM Classes of Service Support
  - CBR, RT-VBR, NRT-VBR, UBR+, UBR Support
- AAL0, AAL5 and *AAL2 Support
- Peak and minimum cell rate Pacing
- Priority Level (8-Level) for ATM Pace Control
- ATM Traffic Management Support

Other Scalability Features
- Cisco Style Command Line Interface(CLI)
- Remote Upgrade for APOS Management using FTP/TFTP
- Direct ATM Line Interface Frame Format
- Secondary/Subnet Support

Ordering Information
- AP801-01 : AP801 ATM Gateway Standard Configuration
  - One(1) Serial(WAN), Console
  - One(1) E1/T1 ATM Interface
  - 64bit RISC CPU, 4MB Flash, 16MB SDRAM
  - 8MB ATM Dedicated SDRAM, 512K Boot Loader
  - APOS v5.xx with Operation Manual
  - Including CAB-V35, CAB-LAN, CAB-CON
- CAB-V35 : V.35 DTE Cable
- CAB-LAN : RJ45 LAN Cable
- CAB-CON: RJ45 Serial Console Cable

Contact Information

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