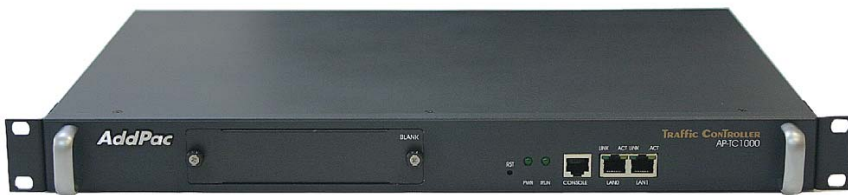


## AP-TC1000 Traffic Controller Powerful QoS Managing Equipment

### Product Highlights



AddPac AP-TC1000 Traffic Controller is a next-generation network traffic management equipment designed for QoS policy management, process/resource allocation, traffic monitoring, analyzing, shaping and prioritizing. It features two(2) port 10/100Mbps Fast Ethernet interface and one(1) multiservice slot for various network modules. AP-TC1000 provides the service providers with the most technically advanced policy based traffic management helping them guarantee performance for their business critical applications.

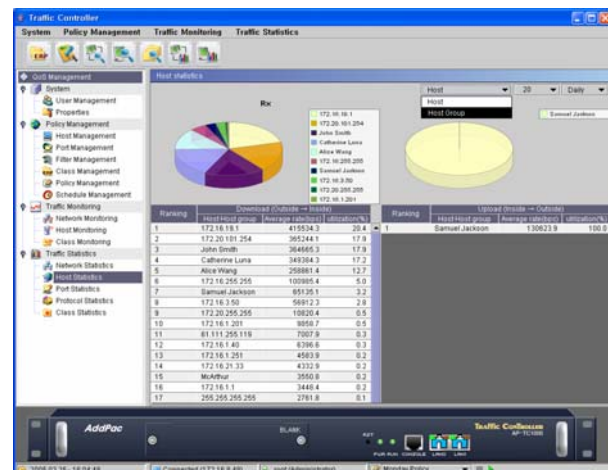
The IP communications such as VoIP, VVoIP video services are rapidly emerging as the future of communications expanding their market as customer's demand grows. Now more than ever, while service quality is getting crucial, questions remain on the quality in broadband network to carry heavy volume traffic.

Deployed on local network, AP-TC1000 traffic controller enables enterprise customers to achieve the easy and efficient traffic management and bandwidth optimization leveraging the richest QoS service. Moreover, It provides optimizing functionality for a mixed, real network containing from ordinary internet data service to heavy volume traffic of video service through dynamic QoS configuring.

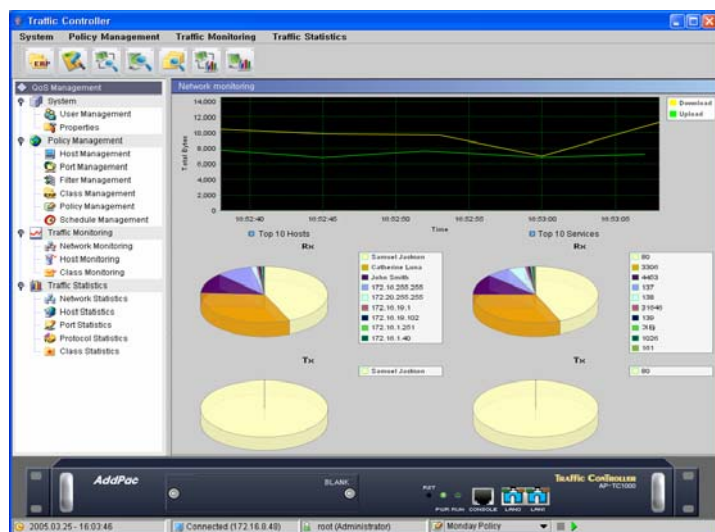
AddPac AP-TC1000 features LAN-to-LAN QoS routing using two(2) Fast Ethernet and optionally provides modular type WAN interface QoS router function. WAN interface modules that AP-TC1000 provides are V.35(1-port, 2-port, 6-port) interface, ATM(E1/T1, DS3, OC-3) interface and POS(DS3), AP-TC1000 supports IPv4/IPv6 dual stack and various basic routing protocols such as Static, RIP, RIPvng, OSPFv2/v3, BGP4.

AddPac traffic control system can be deployed as instantaneously money saving solution by any IP based application service operators to improve application performance, reduce network costs and achieve the successful operation of business critical applications. Use AddPac's traffic control system to maximize your average revenue by controlling traffic optimally. AP-TC1000 also guarantees the most outstanding performance especially in low WAN access bandwidth environment.

- Powerful RISC CPU Architectures
- Two(2) 10/100Mbps Fast Ethernet Interface
- One(1) RS232 Controller Interface for Command Line Interface
- One(1) Network Interface Module Slot
  - V.35 Lease Line (1,2,6Port)
  - ATM Interface (E1/T1, DS3, OC-3)
  - POS Interface (DS3)
- Queuing and Traffic Control
  - CBO, PRIQ, WFQ, etc
- ECN(Explicit Congestion Notification)RFC3618
- IPv4/IPv6 Dual Stack
- Static, RIP, RIPvng, OSPF v2/v3, BGPv4
- QoS Routing
  - Source Address
  - DSCP
  - Service Class
- SNMP Support
- Embedded HTTP Server
- Access-list, Class-Map, Policy-Map, etc
- Traffic Monitoring and Report
- Graphical Traffic Controller Manager
- APOS Internetworking Software to provide Scalability, Functionality, Stability, and QoS Control for AddPac Video Gateway
- Remote Software Upgrade using FTP & TFTP



## AP-TC1000 Traffic Controller Manager



Network Traffic Monitoring

## Hardware Specification

### Microprocessor

- CPU High-end RISC Microprocessor

### Memory

- Flash Memory 8Mbyte
- Main Memory 64M B High-Speed SDRAM
- Boot Memory 512Kbyte Flash Memory

### Network Interface

- LAN0 Port One(1) 10/100Mbps Ethernet
- LAN1 Port One(1) 10/100Mbps Ethernet
- Console Port One(1) RS-232C Interface

### WAN Interface

- AIM-ATMOC3-1 1-Port ATM OC3 Network Interface
- AIM-ATMDS3-1 1-Port ATM DS3 Network Interface
- AIM-ATM1E1 1-Port ATM E1/T1 Network Interface
- AIM-V35FR1 1-Port V.35 Leased Line Interface
- AIM-V35FR2 2-Port V.35 Leased Line Interface
- AIM-V35FR6 6-Port V.35 Leased Line Interface

### Power & Operation Environments

- Power Requirement VAC 110~220V, 50/60Hz, 25Watt
- Operating Temperature 0°C to + 50°C (32° to 112°F)
- Storage Temperature -40°C to + 85°C (-40° to 176°F)
- Relative Humidity 5% to 95% (Non-condensing)

### Dimensions

- H X W X D (mm) 45 x 483 x 345
- Weight(Kg) 4.1Kg

## Support Protocols & Services

### Basic Routing Protocols

- IPv4/IPV6 Dual Stack
- Management Telnet, FTP, TFTP, SSH, SNMP, Syslog support  
Packet Filtering (Access-List)
- Routing Static, RIP, RIPng, OSPFv2/v3, BGP4

### Queuing and Traffic Control

- CBO Class-based Queuing
- FIFO First-In First-Out Queue
- PRIO Priority Queuing
- HFSC Hierarchical Fair Service Curve
- RED Random Early Detection
- RIO RED with In/Out
- JoBs Joint buffer Management
- BLUE
- WFQ Weighted Fair Queuing

### ECN(Explicit Congestion Notification)RFC3618

- Packet marking/remarking (DSCP, ToS, Precedence)
- ECN support in TCP
- Fragment/tunnel handling in IPv4/IPV6

### QoS Routing

- Source Address based Routing
- DSCP based Routing
- Service Class based Routing

### Management

- CISCO CLI based Access-list  
Class-Map  
Policy-Map  
Service-Policy
- SNMP
- Embedded HTTP Server
- Classify and Control Cisco class-map and police-map  
Automatic  
utilization
- Traffic Monitoring and Report Top-Users and Application  
Traffic History  
Active Flows
- Event Notification SNMP Trap, Email, Syslog

### Ordering Information

- AP-TC1000-01 : AP-TC1000 Standard Configuration  
Two(2) Fast Ethernet, One(1) Console,  
RISC CPU, 8MB Flash, 64MB SDRAM Main Memory  
One(1) Optional Network Interface Slot
- CAB-LAN RJ45 Ethernet Cable
- CAB-CON RJ45 RS-232C Console Cable

## Contact Information

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