Enterprise Traffic Control Solution







AddPac Technology

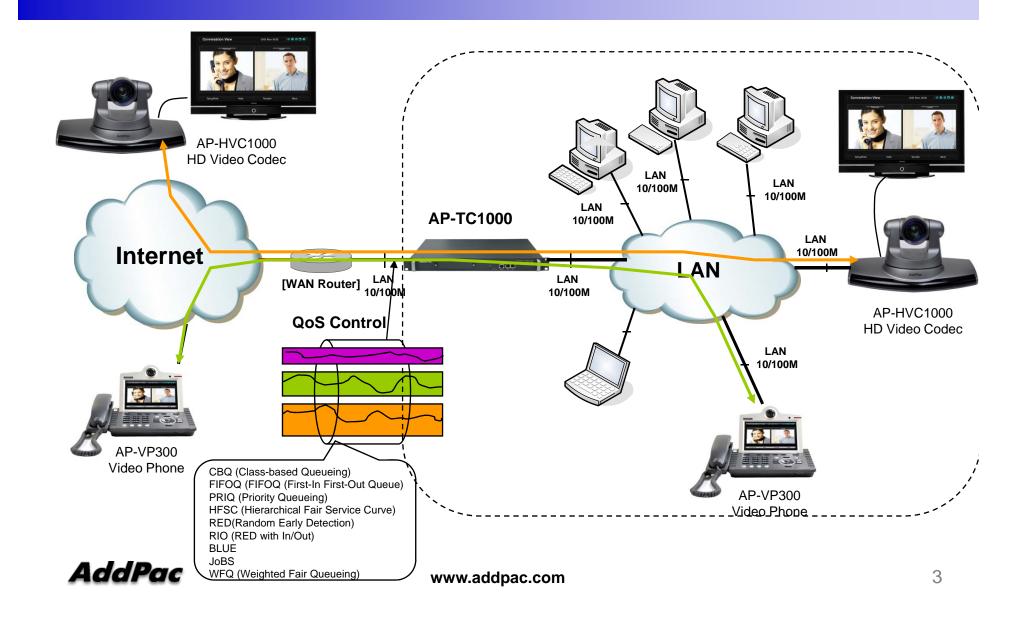
Sales and Marketing

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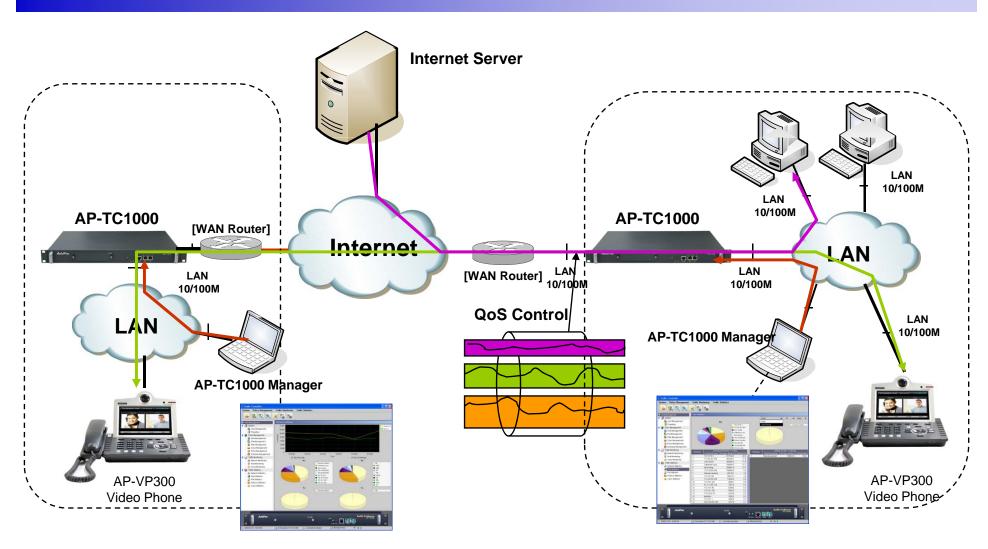
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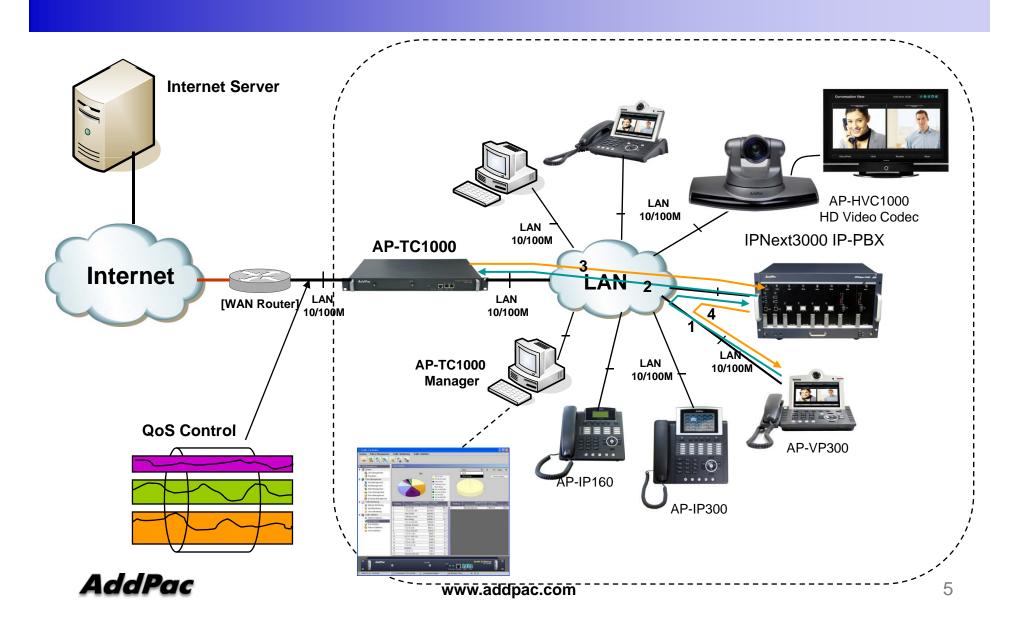
Enterprise Traffic Control Network Diagram



Enterprise Traffic Control Network Diagram



Enterprise Traffic Control Network Diagram



Enterprise Traffic Control Product AP-TC1000



Product Overview

AP-TC1000 Traffic Controller

- Embedded Hardware System and Real-Time OS
- LAN-to-LAN QoS Routing
- Various Network Interface Module Such as ATM, POS, V.35,etc
- Support Various QoS Algorithm & Police
- Powerful Management and User Friendly Features
- Graphical QoS Manager
- CLI Interface for Detailed Control
- Firmware Upgradeable Architecture



Hardware Specification

AP-TC1000 Traffic Controller

- High-End RISC Microprocessor Computing Power
- Main Chassis
 - Fixed Network Interface
 - LAN 0: 10/100Mbps Fast Ethernet
 - LAN 1: 10/100Mbps Fast Ethernet
 - One(1) RS-232C Console (RJ45)
 - One(1) Network Interface Module Slot for WAN Access





Hardware Specification

AP-TC1000 Traffic Controller



V.35

Network Module

AIM-ATMOC3-1		1-Port OC3 155Mbps ATM Network Interface Module
AIM-ATMDS3-1	G on the G of G	1-Port DS3 45Mbps ATM Network Interface Module
AIM-ATM1E1		1-Port ATM E1 Network Interface Module
AIM-V35FR1		1-Port V.35 Interface Module
AIM-V35FR2	M-1755	2-Port V.35 Interface Module
AIM-V35FR6	ANOTH IN THE REPORT OF THE PARTY OF THE PART	6-Port V.35 Interface Module



QoS Service and Features



QoS Service and Features

AP-TC1000 Traffic Controller

Queuing and Traffic control

- CBQ (Class-based Queuing)
- FIFOQ (FIFOQ (First-In First-Out Queue)
- PRIQ (Priority Queuing)
- HFSC (Hierarchical Fair Service Curve)
- RED (Random Early Detection)
- RIO (RED with In/Out)
- BLUE
- JoBS
- WFQ (Weighted Fair Queuing)

ECN (Explicit Congestion Notification) RFC3168 support

- Packet marking/remarking (DSCP, ToS, Precedence)
- ECN support in TCP
- Fragment/tunnel handling in IPv4/IPv6



QoS Service and Features

AP-TC1000 Traffic Controller

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Network Service and Features



Network Service and Features (Cont..)

AP-TC1000 Traffic Controller

Basic Routing Function

- IPv4/IPv6 Dual Stack
- Management
 - Telnet, FTP, TFTP, SSH, SNMP, Syslog support
 - Packet filtering (Access-list)
- Routing
 - Static, RIP, RIPng, OSPFv2/v3, BGP4

QoS Routing Support.

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



Network Service and Features (Cont..)

AP-TC1000 Traffic Controller

Network Managements

- Cisco CLI based.
 - > access-list, class-map, policy-map, service-policy
- SNMP Support
 - Support same QoS functions with Cisco CLI
- Embedded HTTP Server
- Classify and Control
 - Cisco class-map and policy-map Based
 - > Automatic
- Traffic Monitoring and Report
 - Utilization, Top Users and Application, Traffic History
 - Active Flows
- Event Notification
 - > SNMP Trap, E-mail, Syslog



Network Service and Features

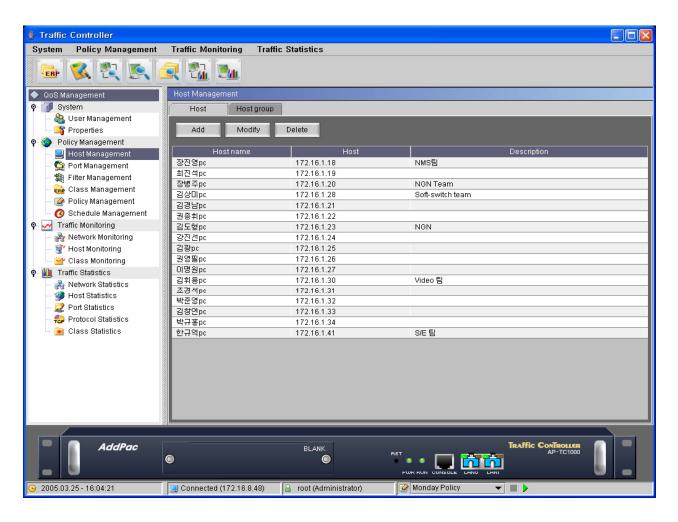
AP-TC1000 Traffic Controller

- Security Functions
 - Standard & Extended IP Access List
 - Enable/Disable for Specific Network Protocols
 - Multi-level User Account Management
 - Auto-disconnect for Telnet/Console Sessions
 - PPP User Authentication Supports (PAP & CHAP)
- Operation & Managements
 - System Performance Analysis for Process, CPU, Connection Interface
 - Debugging, System Auditing, and Diagnostics Support
 - System Booting and Auto-rebooting with Watchdog Feature
 - System Managements with Data Logging
 - IP Traffic Statistics with Accounting

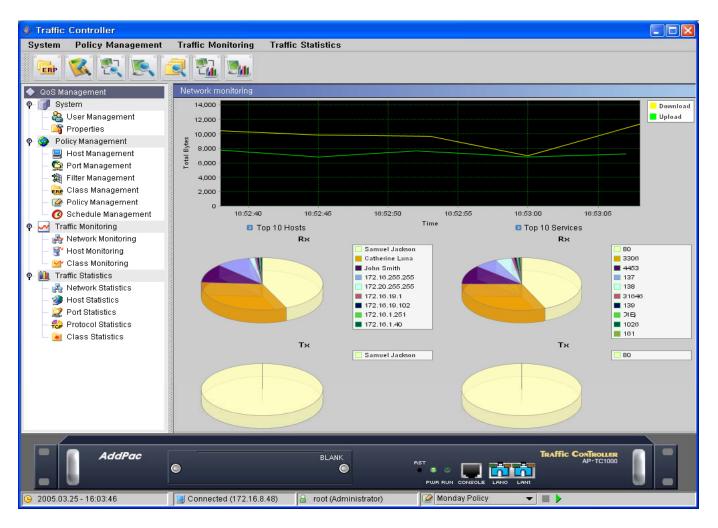


QoS Manager Software

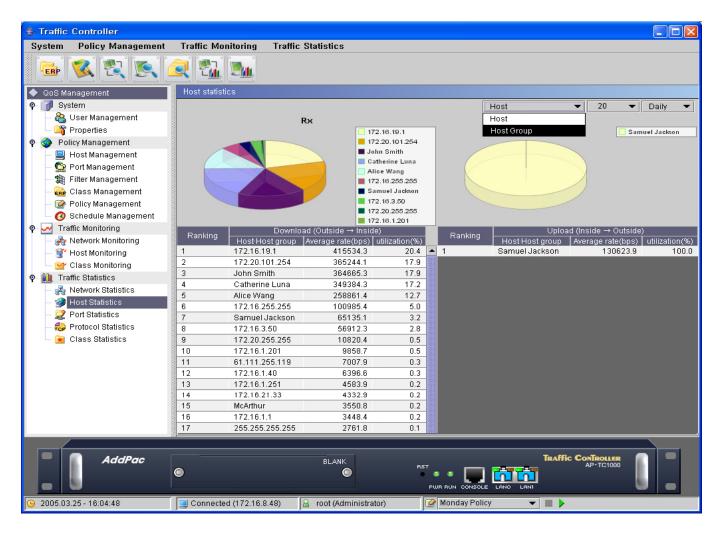




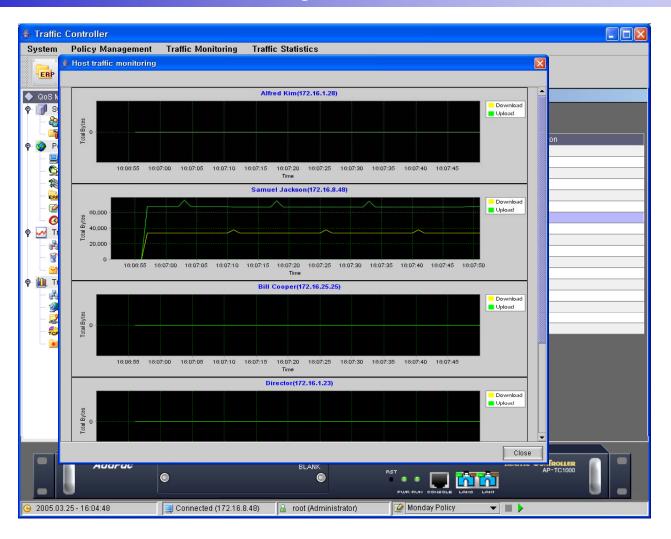














Thank you!

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