



# AP-VC2000™

## Video Conference Equipment

High Performance BcN Video Terminal Solution  
(BcN : Broadband Convergence Network)

## Dual MAC Address Concept



**AddPac**

AddPac Technology

2007, Sales and Marketing

[www.addpac.com](http://www.addpac.com)

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# H/W Specification

## AP-VC2000 Video Conference Equipment

- **RISC Microprocessor Computing Power**
- **High-end Programmable DSP Hardware Architecture**
- **External Powerful Audio/Video Interface (CH#1)**
  - Composite RCA Out, S-Video Out, Component Out
  - Composite RCA Input, S-Video Input
  - Camera PAN/TILT/ZOOM via RJ45 RS-232C Interface
  - Stereo Audio Input Connector (3.5mm)
  - Stereo RCA Type Audio Output Connector (Left, Right)
- **External Powerful Audio/Video Interface (CH#2)**
  - Composite RCA Out, S-Video Out, Component Out, D-sub 15pin VGA Out
  - Composite RCA Input, S-Video Input, D-sub 15pin VGA Input
  - Camera PAN/TILT/ZOOM via DB-9 RS-232C/RS422 Interface
  - Stereo Audio Input Connector (3.5mm)
  - Stereo RCA Type Audio Output Connector (Left, Right)
- **Internal MIC/Speaker**
- **Network Interface**
  - Two(2) 10/100Mbps Fast Ethernet (RJ45)
  - One(1) RS-232C Interface (RJ45) for Console
- **USB Interface**
  - USB 1.1 Master Interface for USB Wifi, HDD, Flash Memory,
- **VoIP Gateway**
  - 1-Port FXS VoIP Interface for Analog Phone, Wireless Phone



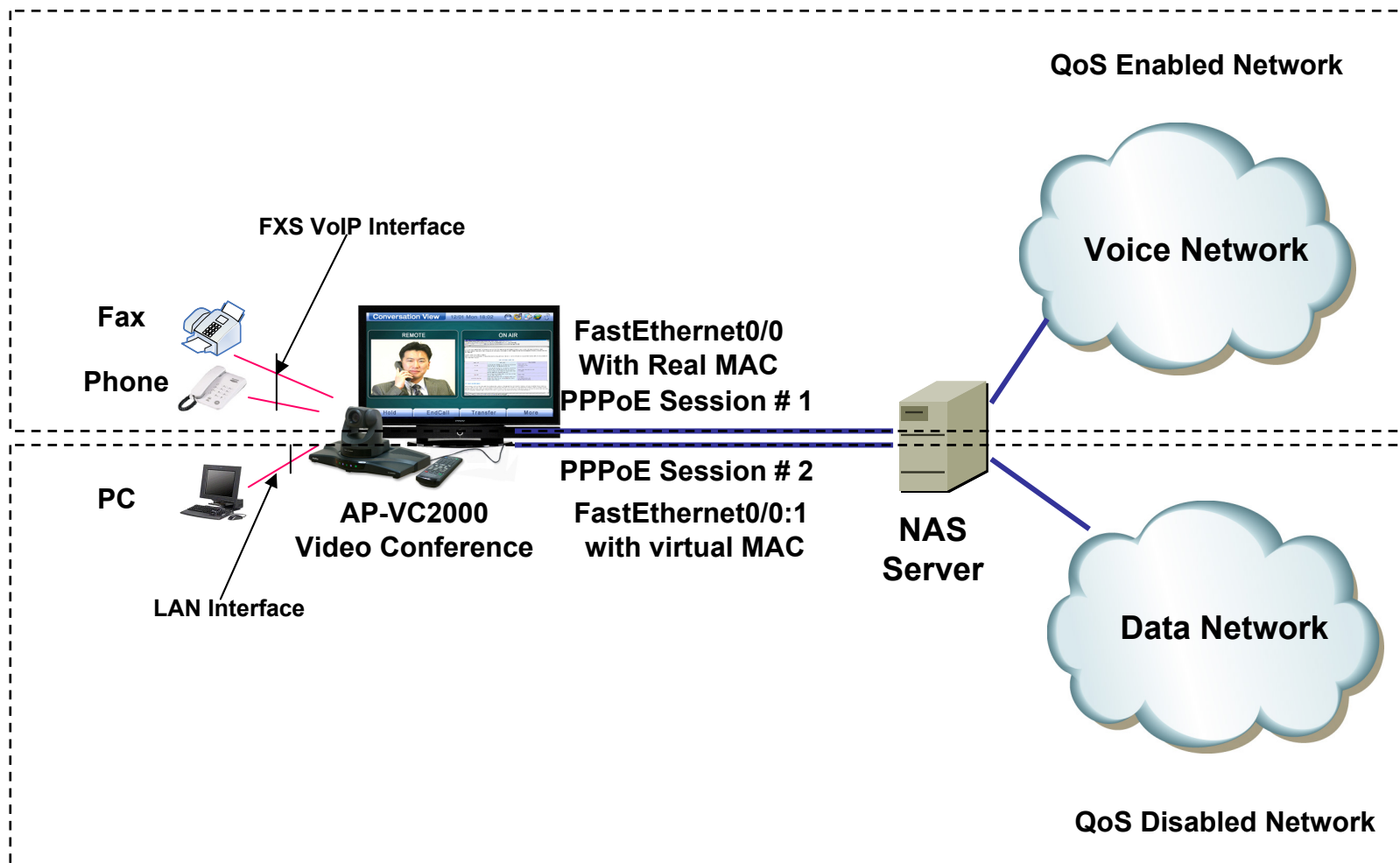
# QoS Enabled VoIP Service

- AddPac VoIP Gateway supports Two(2) Ethernet Interface for LAN traffic such as Personal Computer.
- Some ISP want to provide the QoS Enable Network Service for High Quality VoIP Service.
- QoS Enabled Network Service for Real-Time Traffic such as Voice over IP traffic
- Best Effort Network Service for Normal Data Traffic such as Web, Email

# Dual MAC Address Features

- Normally working at PPPoE Environment (DHCP also possible)
- PPPoE Server(NAS) has 2 service (voice & data)
- Gateway support 2 MAC Address
  - Real MAC Address
  - Virtual MAC Address
- The User set the virtual MAC address at Ethernet Sub-interface
- Gateway Get Public Address using PPPoE with different PPPoE Service Name

# Network Diagram





# Thank you!

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