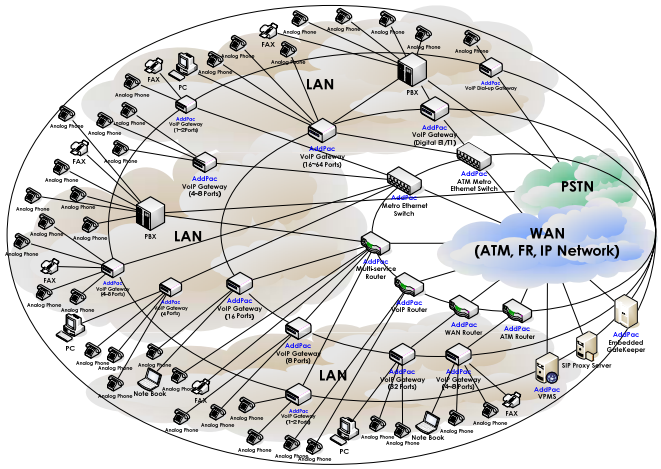

AP-ITPP™

High-performance
IP Multimedia Telephony Solution



ITPP (IP multimedia Telephony Provision Platform)





AddPac

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IP Multimedia Telephony Provision Platform

- Product Overview
- IP Telephony Network Diagram
- Product Specifications



AP-VP300 Video Phone



AP-MC1000
Audio/Video MCU



AP-IP300 IP Phone



AP-MG3000
Media Gateway



IPNext600
IP-PBX

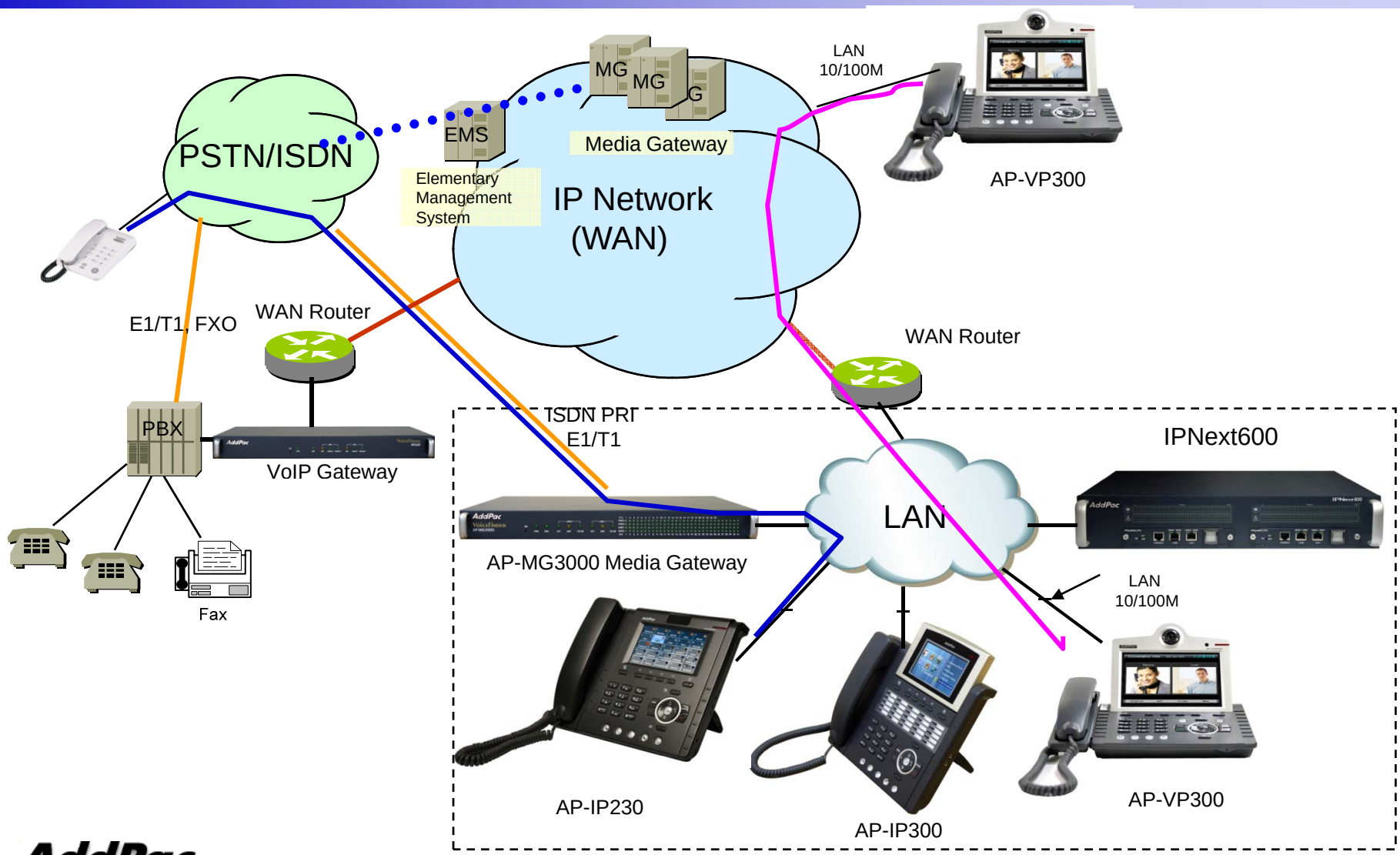


AP-TC1000 Traffic Controller

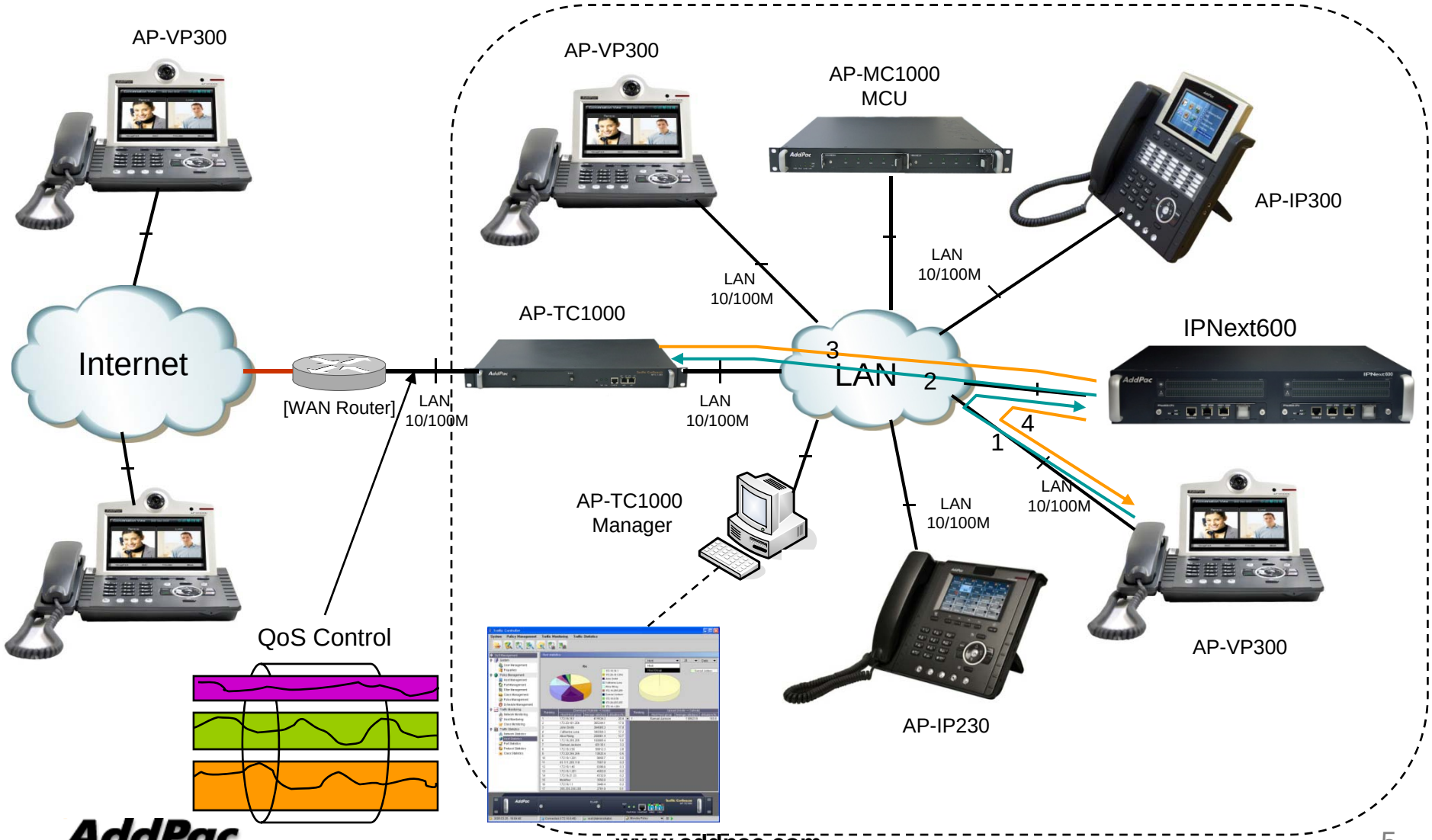
Product Overview

- IP based Multimedia Telephony Total Solution
- IPv4/IPv6 Address Support
- High-performance Video, Audio, and Voice Service
- High-Performance A/V Mixing using External MCU
- Resource Management for WAN Access
- H.263, MPEG4, H.264, JPEG Codec Support
- SIP, H.323 V^2oIP Signaling Support
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Management Software for IP Multimedia Telephony Solution

Network Diagram (Case 1)



Network Diagram (Case 2)



Product Specification

IPNext600 IP-PBX

- SIP Application Server, Proxy, Registrar and Location Server
- Multiple ITSP Trunk with SIP & H.323 Accounts Support
- Dual System Redundancy Architecture
  - Two(2) Fast Ethernet Interface / System
- High Performance RISC Architecture
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- IPv4/IPv6 Dual Stack
- RTP Proxy Function Embedded for Private IP and IPv6 Address Interworking
- User Presence Service Features for Smart Multimedia Messenger and Smart IP Phone
- IVR Scenario Editor, Voice Mail, Media Service (Coloring), Conference
- Firmware Upgradeable Architecture
- Smart Multimedia Manager for IP-PBX Management
- Smart Messenger Service (click to dial) for Unified Communication
- VPMS (VoIP Plug&Play Management System) & Smart NMS for Large Scale Deployment
- Advanced Voice QoS Mechanism
- Dual Redundancy Power Module



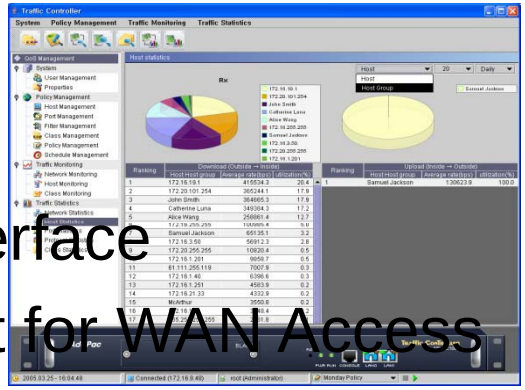
AP-MC1000 Video MCU

- Embedded Platform & Rack Type
- High-End 64bit RISC Embedded Processor
- Two(2)Independent Fast Ethernet Interface
- Two(2) Module Slot for MCU and Network Card
- Programmable High-End DSP based MCU Module
- H.263, MPEG-4, etc, Video Codec
- Audio and Video Mixing
- Support Various Type of Conference Model and System
- View Configuration



AP-TC1000 Traffic Controller

- Embedded Platform & Rack Type
- High-End RISC Processor
- Two(2)Independent Fast Ethernet Interface
- One(1) Network Interface Module Slot for WAN Access
- LAN-to-LAN QoS Routing
- Support Various QoS Algorithm & Police
- Powerful Management and User Friendly Features
- Graphical QoS Manager
- CLI Interface for Detailed Control
- Firmware Upgradeable Architecture





AP-MG3000 Media Gateway

- Voice Recording Interface Support
- ISDN PRI Digital E1/T1 VoIP Interface
- Up to 4T1 or 4E1 Interface
- IPv4/IPv6 Address Support
- Two(2) Module Slots for Digital E1/T1 Interface
- SIP, H.323, MGCP VoIP Signaling Support
- Firmware Upgradeable Architecture



IP Video Phone Comparison Table

	AP-VP500	AP-VP350	AP-VP300N	AP-VP280	AP-VP250	AP-VP230	AP-VP150	AP-VP120
								
LCD Size	12.1 Inch Touch Screen	7Inch Touch Screen	7Inch Touch Screen	7Inch Touch Screen	4.3Inch Touch Screen	5Inch Touch Screen	4.3Inch Touch Screen	4.3Inch
Camera	CCD	CCD	CCD	CMOS	CMOS	CMOS	CCD	CMOS
Video Codec	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264	H.263 MPEG4 H.264
Signaling	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP
Video MCU	N/A	4-Party Video MCU	N/A	N/A	N/A	N/A	N/A	N/A
Voice MCU	3-Party	3-Party	3-Party	3-Party	3-Party	3-Party	3-Party	3-Party
LAN Port	2	2	2	2	2	2	2	2
PoE	N/A	N/A	Support	N/A	Support	Support	Support	Support

IP Phone Comparison Table

	AP-IP300	AP-IP250	AP-IP230	AP-IP160	AP-IP120	AP-IP90
						
LCD Size	4.3 Inch Color LCD	4.3 Inch Color LCD	5 Inch Color LCD	4 Text Line Graphic LCD	4 Text Line Graphic LCD	4 Text Line Graphic LCD
Touch Screen	N/A	Support	Support	N/A	N/A	N/A
Speed-Dial Keys	25 Key with Presence LED	Touch Screen based 25 Keys	Touch Screen based 25 Keys	16 Key with Presence LED	12 Key with Presence LED	N/A
Voice Codec	G.711/G.726/ G.729/G.723	G.711/G.726/ G.729/G.723	G.711/G.726/ G.729/G.723	G.711/G.726/ G.729/G.723	G.711/G.726/ G.729/G.723	G.711/G.726/ G.729/G.723
Signaling	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP	H.323/SIP
3-Party Conversation	Support	Support	Support	Support	Support	Support
LAN Port	2	2	2	2	2	2
PoE(Option)	Support	Support	Support	Support	Support	Support
FXO(Option)	Support	Support	Support	Support	Support	Support

Thank you!

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