



AP-IP230™

Presence IP Phone

High Performance Broadband Convergence Network
IP Phone Solution



AddPac

AddPac Technology

2010, Sales and Marketing

www.addpac.com

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Product Overview

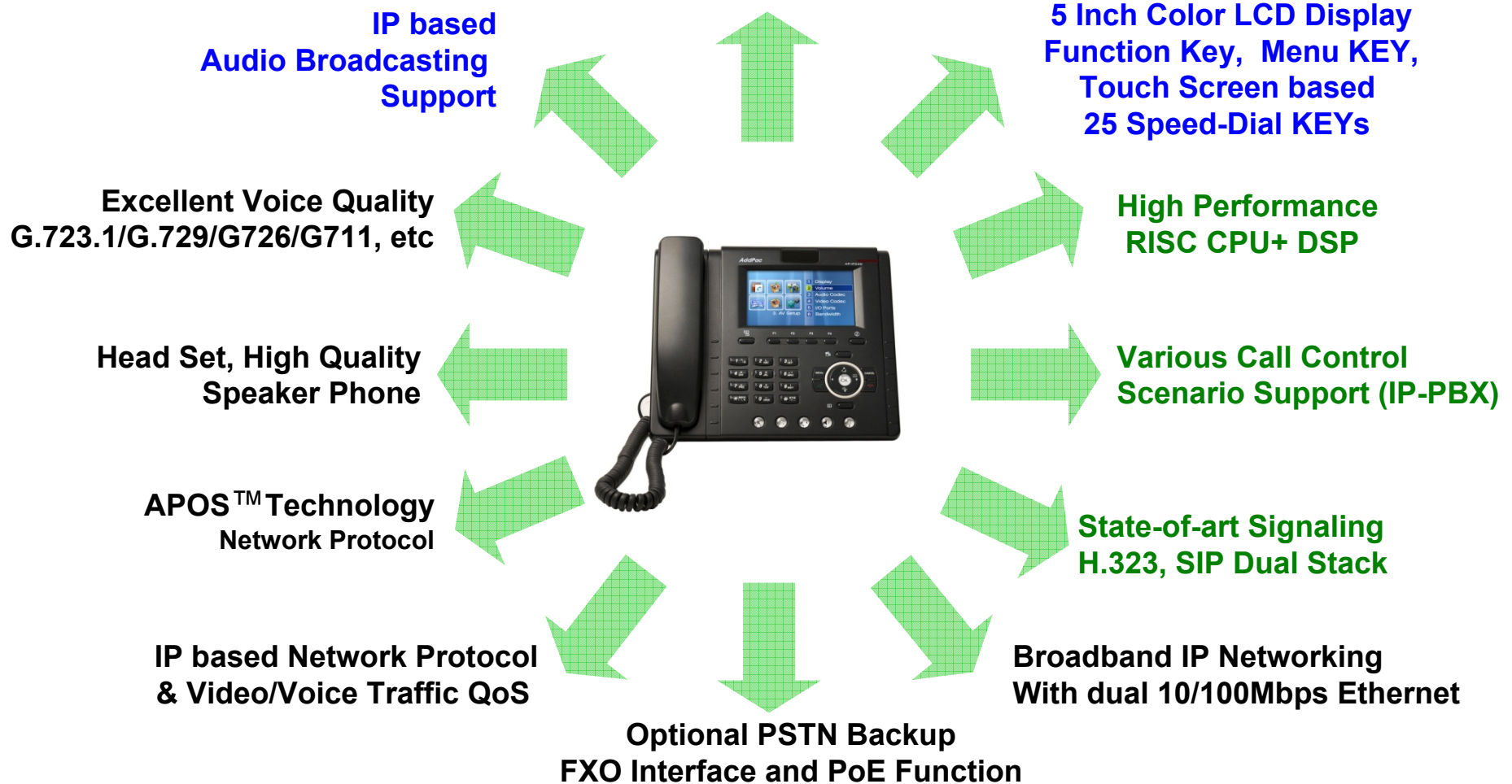
AP-IP230 Presence IP Phone

- IP Phone Solution
- Audio Broadcasting Solution
- High-performance Audio, and Voice Service
- Firmware Upgradeable Architecture
- VoIP Solution with Outstanding Network Service Capability
- Audio Privacy Protection

Product Highlights

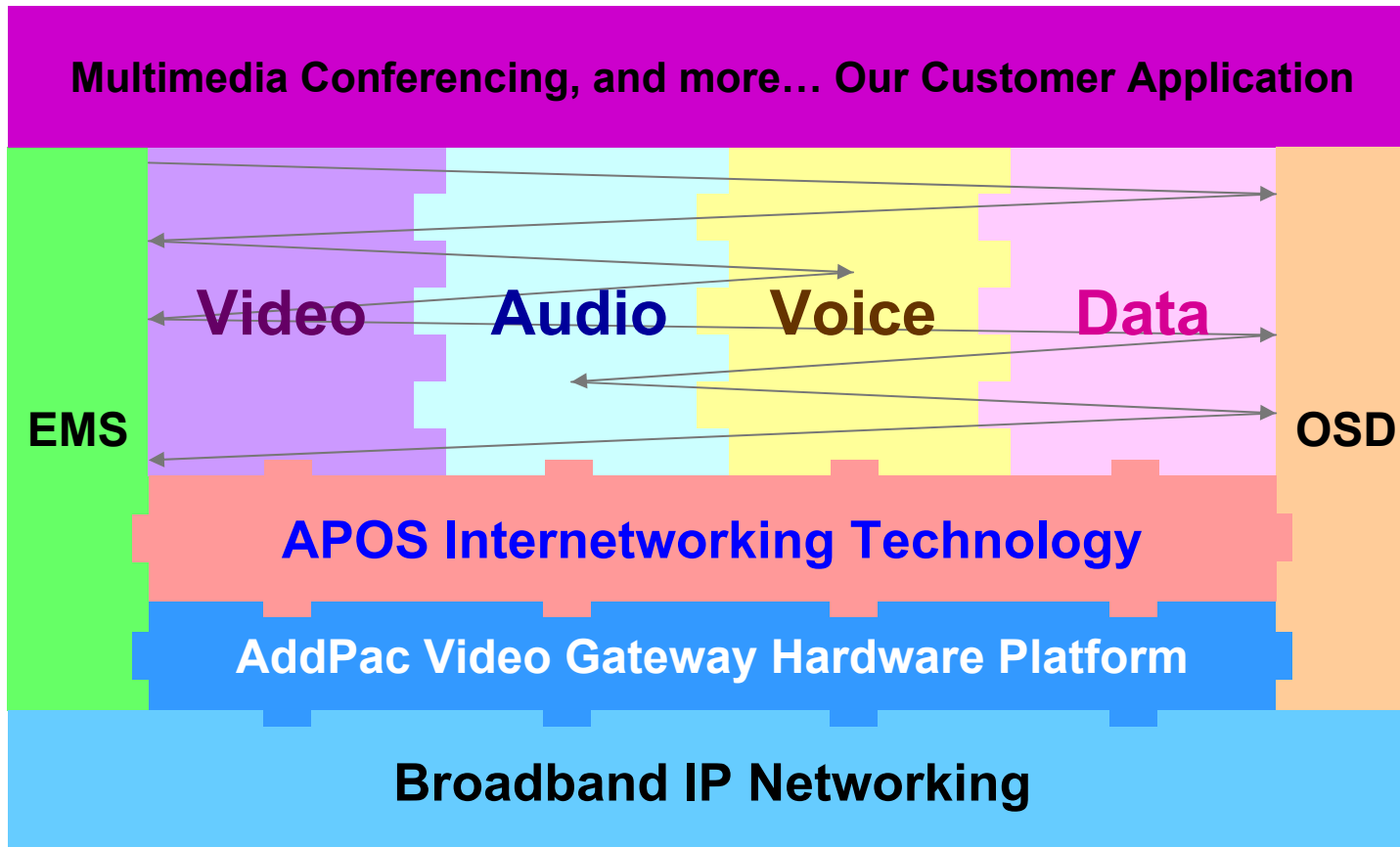
AP-IP230 Presence IP Phone

High-End IP Phone Solution



Multimedia Service

AP-IP230 Presence IP Phone



- APOS : AddPac Internetworking Operating System
- OSD : On- Screen Display
- EMS : Element Management System

Hardware Specification

AP-IP230 Presence IP Phone

- **RISC+DSP Microprocessor Computing Power (Dual Processor Architecture)**
- **High Quality 5 Inch Color LCD Panel**
- **Touch Screen based 25 Speed Dial Key & User Presence Features**
- **Optional PSTN FXO Backup Interface**
 - FXO Interface
- **Optional PoE (Power over Ethernet) Interface**
- **High quality Audio and Voice Interface**
 - Stereo Audio Input Connector
 - Stereo Audio Output Connector
- **Network Interface**
 - Two(2) 10/100Mbps Fast Ethernet
- **USB Host Mode Interface**
 - USB Memory(Flash, HDD), USB Keyboard, USB Mouse, USB Wifi
- **Power Supply**
 - Power over Ethernet
 - External Power Adaptor (5V, 3A)

Hardware Specification

AP-IP230 Presence IP Phone



5 Inch Color LCD
With touch screen

Soft Keys

Navigation Keys

Function Keys

Hardware Specification

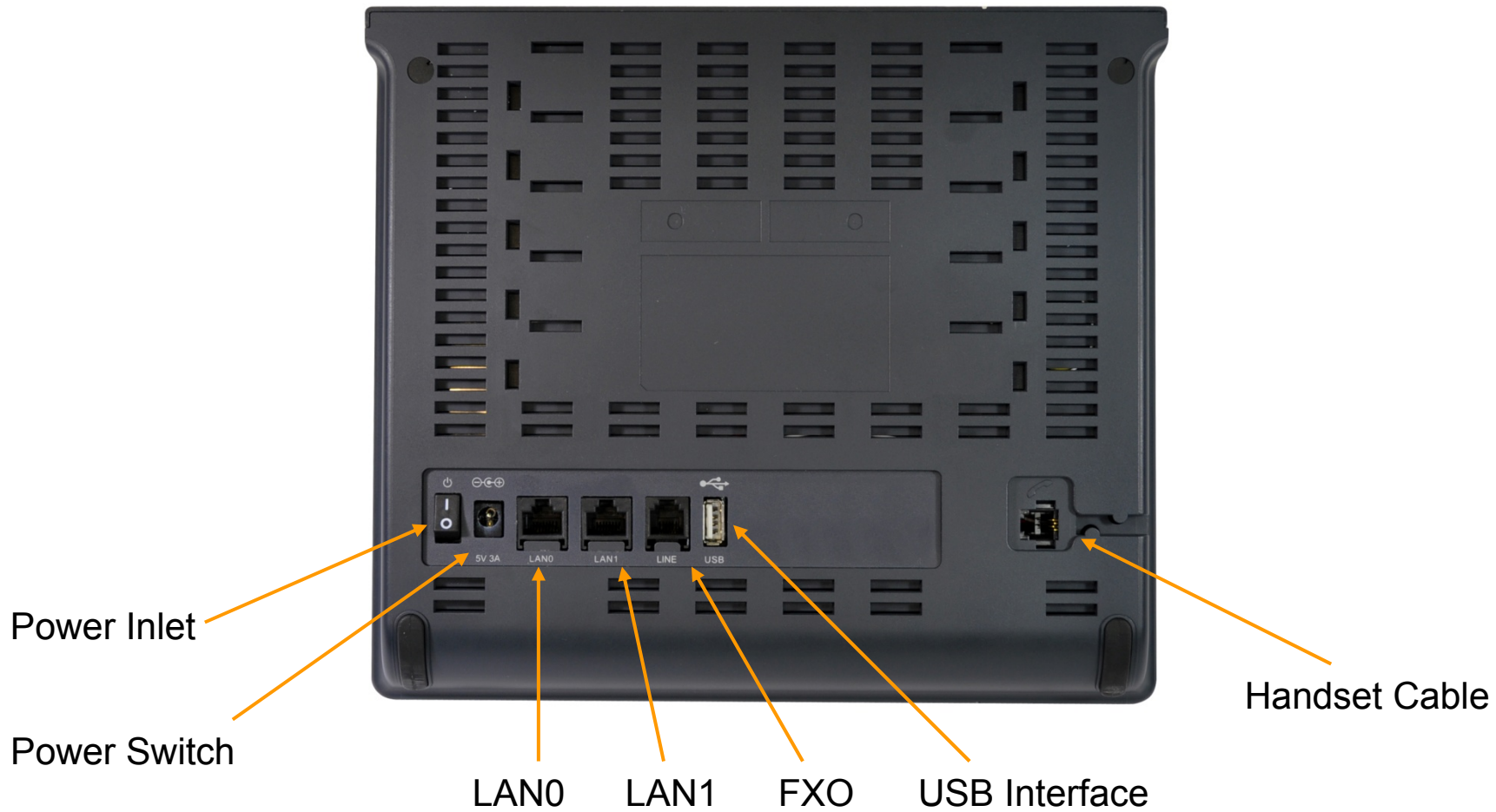
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Audio In/Out
for Headset

Hardware Specification

AP-IP230 Presence IP Phone



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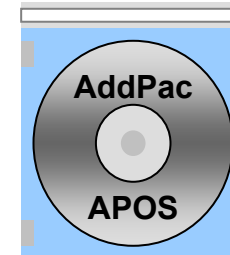
10/100Mbps Fast Ethernet

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Software Service

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- **Built-in AddPac APOS Internetworking Software**
 - Scalability, Functionality, and Stability Features
 - Audio Traffic QoS Control
- **Programmable Video, Audio, and Voice Services**
 - Audio, and Voice Codec
- **Firmware Upgradeable Architecture**
- **Industry Standard IP based Network Protocol Features**



Audio & Voice Service and Features

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- **Audio & Voice Networking Interface**
 - Audio Input/Output Port (2 x 3.5mm Stereo Female Connector)
- **VoIP based Signaling Protocol Support**
 - H.323, SIP Multiple Signaling Protocol Stack
 - H.323 Gateway, Gatekeeper Inter-working Support
- **High-performance Audio & Voice Codec Support**
 - Line IN/OUT : G.723.1, G.729, G.726, G.711 Audio Codec, etc
- **Enhanced QoS Management Features for Voice Traffics**

Network Service and Features

AP-IP230 Presence IP Phone

- **Network Managements**
 - Standard SNMP Agent (MIB v2) Support
 - Remote Management using Console, Telnet
 - Web based Management using HTTP Server Interface
- **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

Network Service and Features

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- **Network Managements**
 - DHCP Server & Relay Functions
 - Network Address Translation (NAT) Function
 - Port Address Translation (PAT) Function
 - Transparent Bridging (IEEE Standard) Function
 - Spanning Tree Bridging Protocol Support
 - Remote Bridging Support
 - Concurrent Routing and Bridging Support
 - Cisco Style Command Line Interface (CLI)
 - Network time Protocol (NTP) Support

AP-IP230 IP Phone

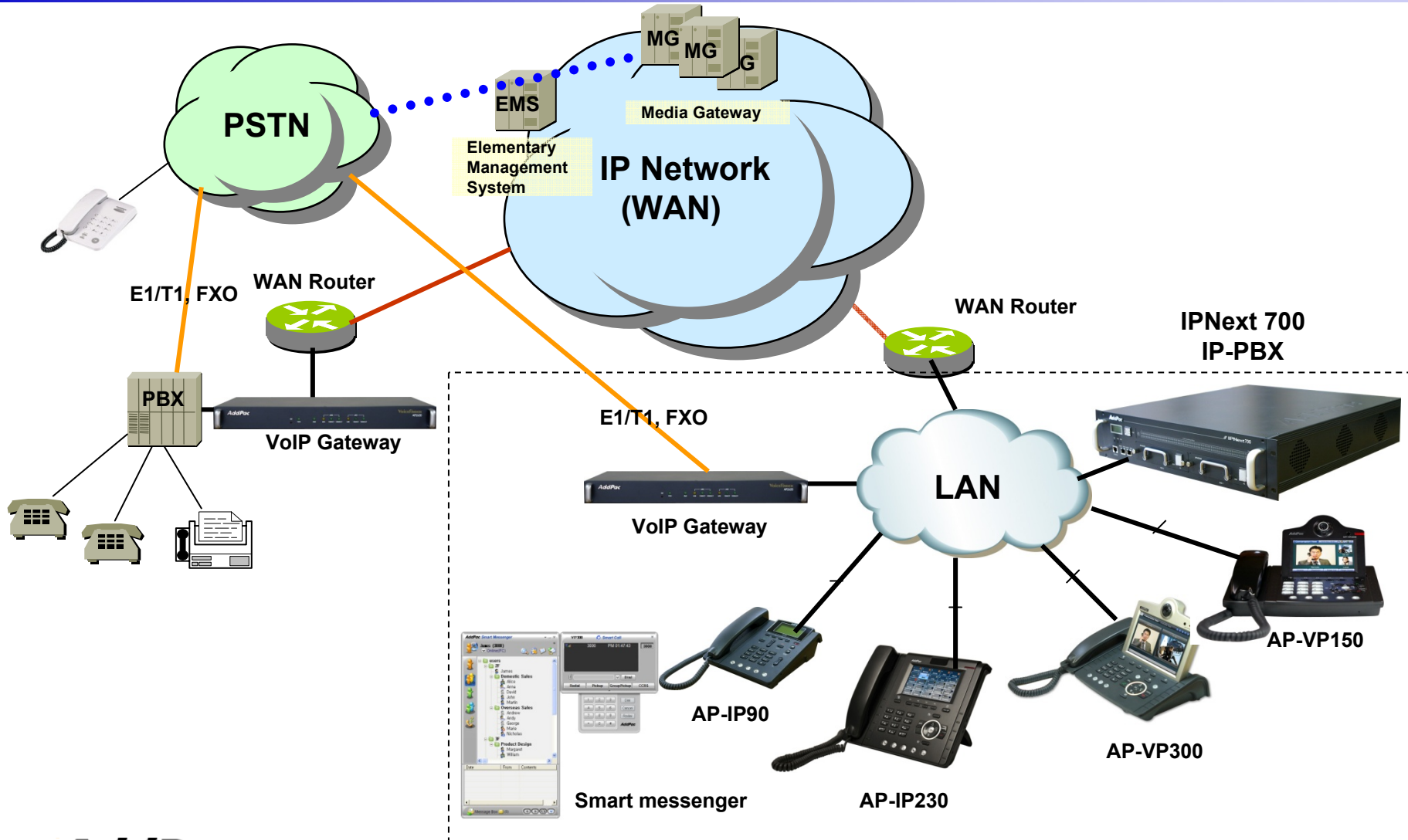
Application Area

- IP-PBX IP Phone Terminal (SIP, H.323, etc)
- Audio/Video Real-time Broadcasting
- Audio Conference



Standard IP-PBX Application

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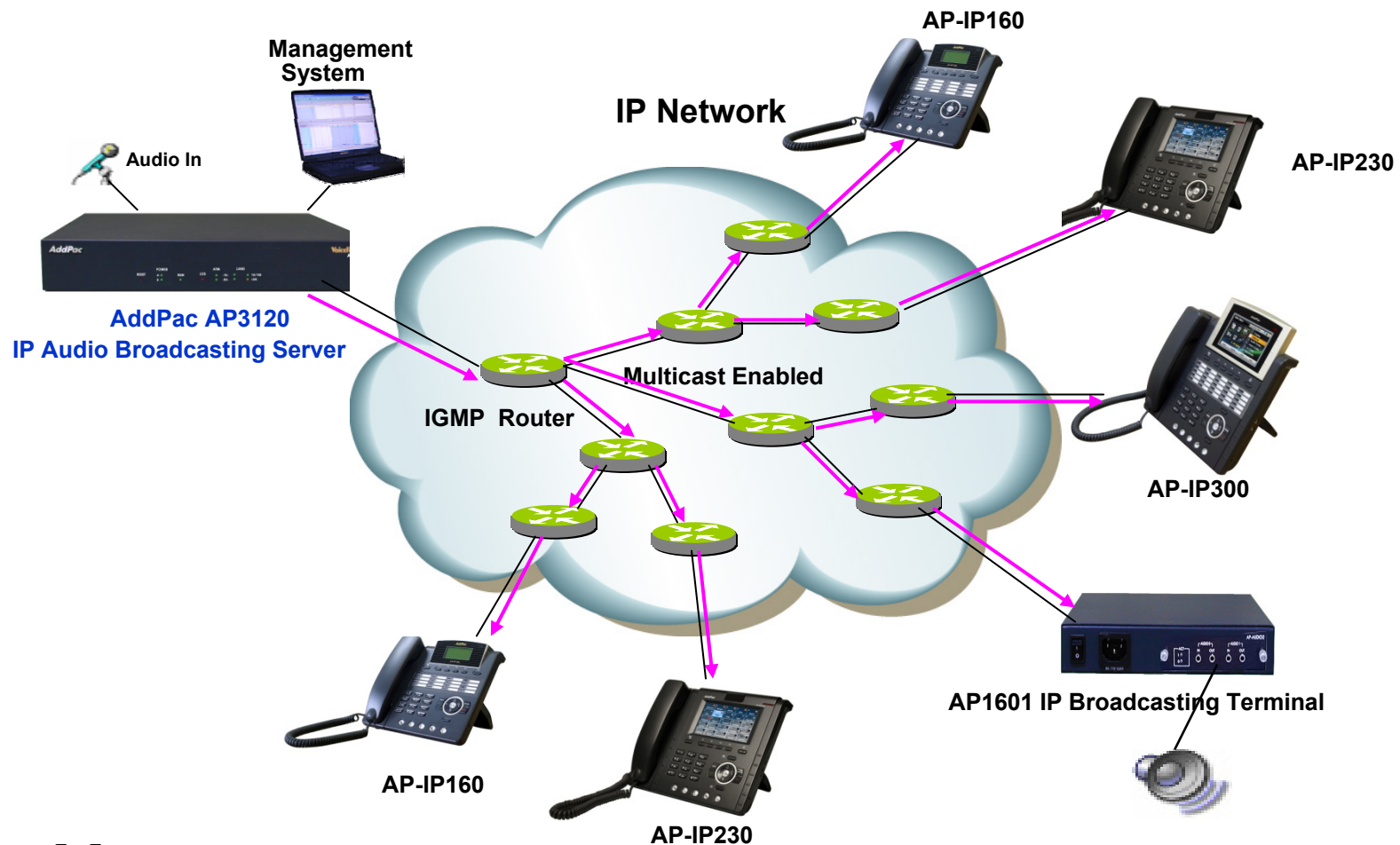
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Audio Real-time Broadcasting

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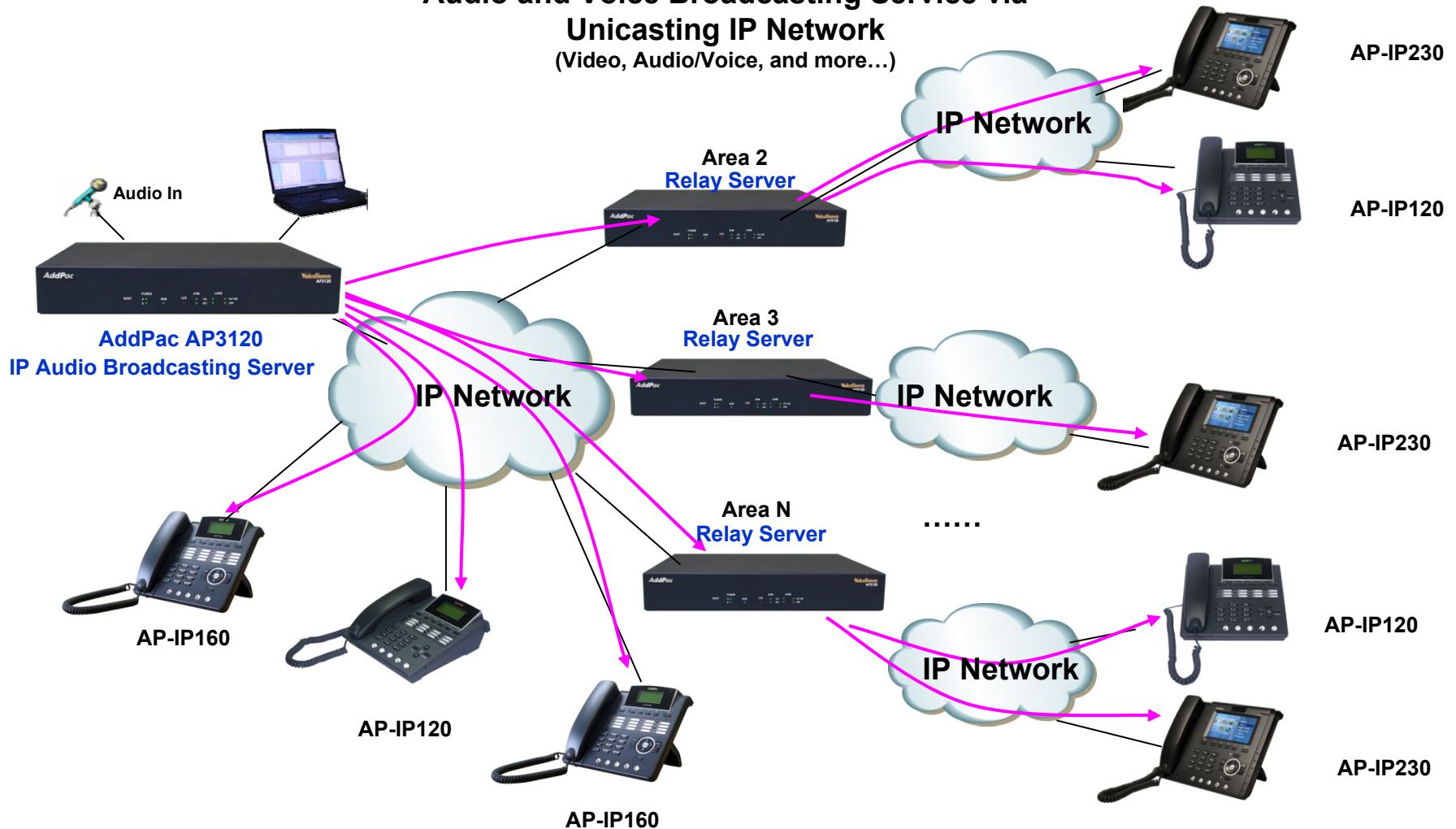
**IP based Audio Broadcasting Service via
Multicasting IP Network**
(Video, Audio/Voice, and more...)



Audio Real-time Broadcasting

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Audio and Voice Broadcasting Service via
Unicasting IP Network
(Video, Audio/Voice, and more...)

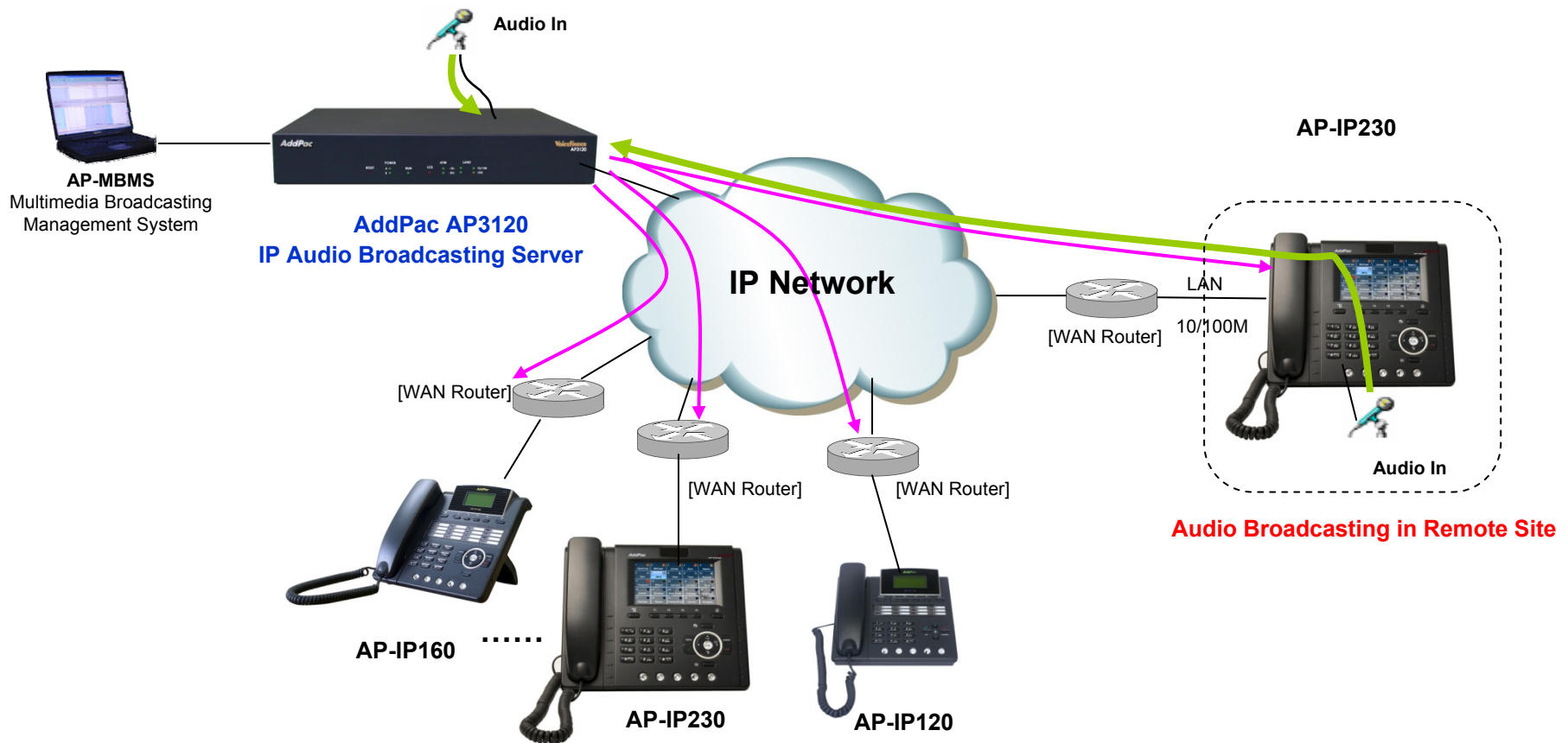


Audio Real-time Broadcasting

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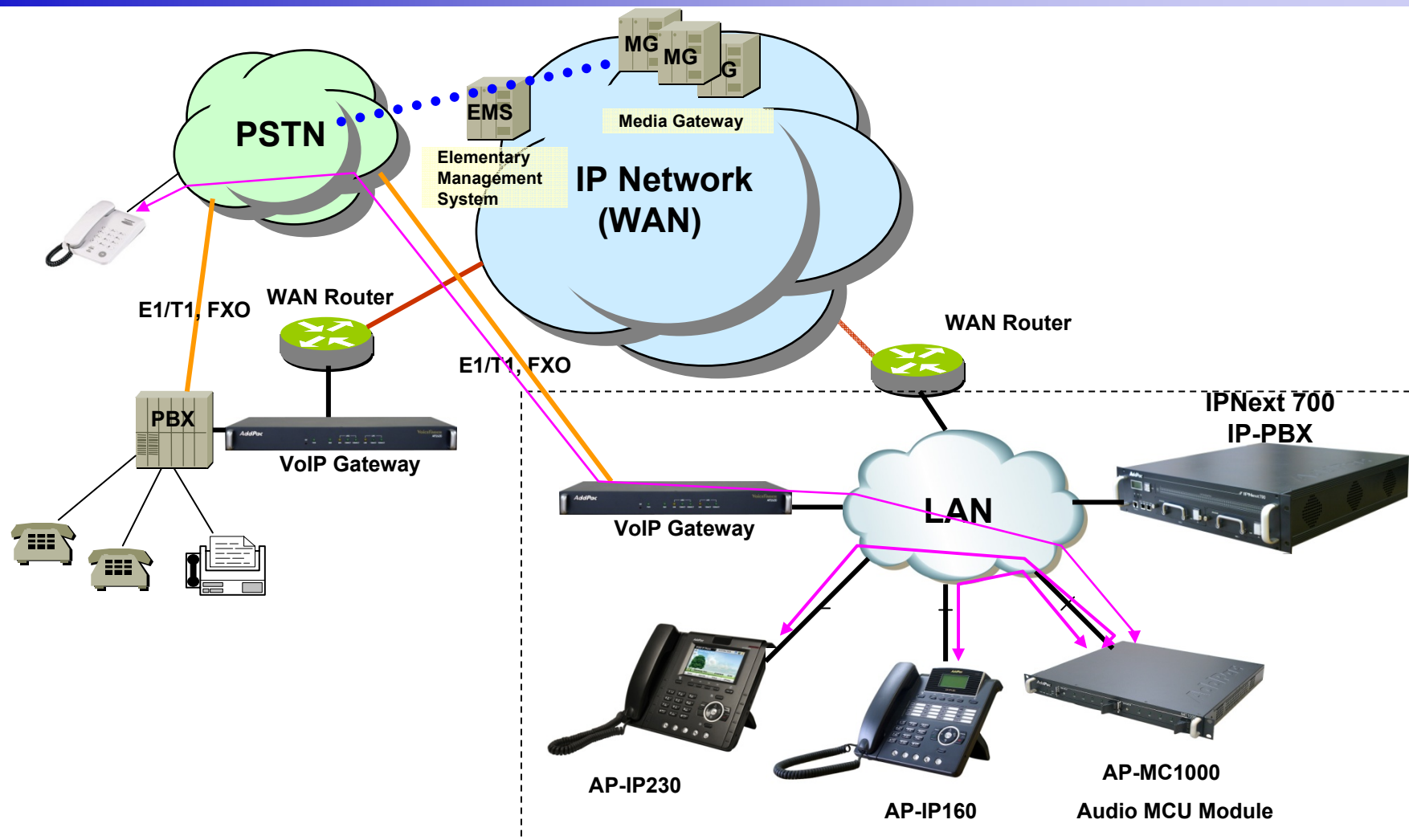
Remote Site Audio and Video Broadcasting Service (Video, Audio/Voice, and more...)

Audio Broadcasting in HQ or Center



Audio Conferencing (Audio MCU)

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Ordering Information

- **AP-IP230 IP Phone Hardware**
 - AP-IP230 IP Phone Main Body
 - RISC Microprocessor with Embedded DSP Architecture
 - 5 Inch Color LCD, Function KEY, Menu KEY, Touch Screen
 - External 3.5mm Audio Input/Output
 - 2-ports 10/100Mbps Fast Ethernet
 - Optional FXO Interface Port for PSTN Backup
 - Optional PoE Interface
 - Including Network Cable Set & Ext. Power Supply, etc.
- **Built-in APOS Internetworking Software for AP-IP230**
- **Including 1 Year Hardware Warranty**
- **Product Documents**
 - Install and Operation Guide (PDF)
- **Pricing**
 - AddPac Technology Regional Sales Manager
 - Authorized Sales and Marketing Representatives
 - Please Contact www.addpac.com



Thank you!

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