

New AP-IP300 Premium IP Phone

High Performance Broadband Convergence Network
IP Phone Solution

Preliminary Product Overview

(Without notice, following described technical spec. can be changed)



AddPac

AddPac Technology

Sales and Marketing

www.addpac.com

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Product Overview

AP-IP300 Premium IP Phone

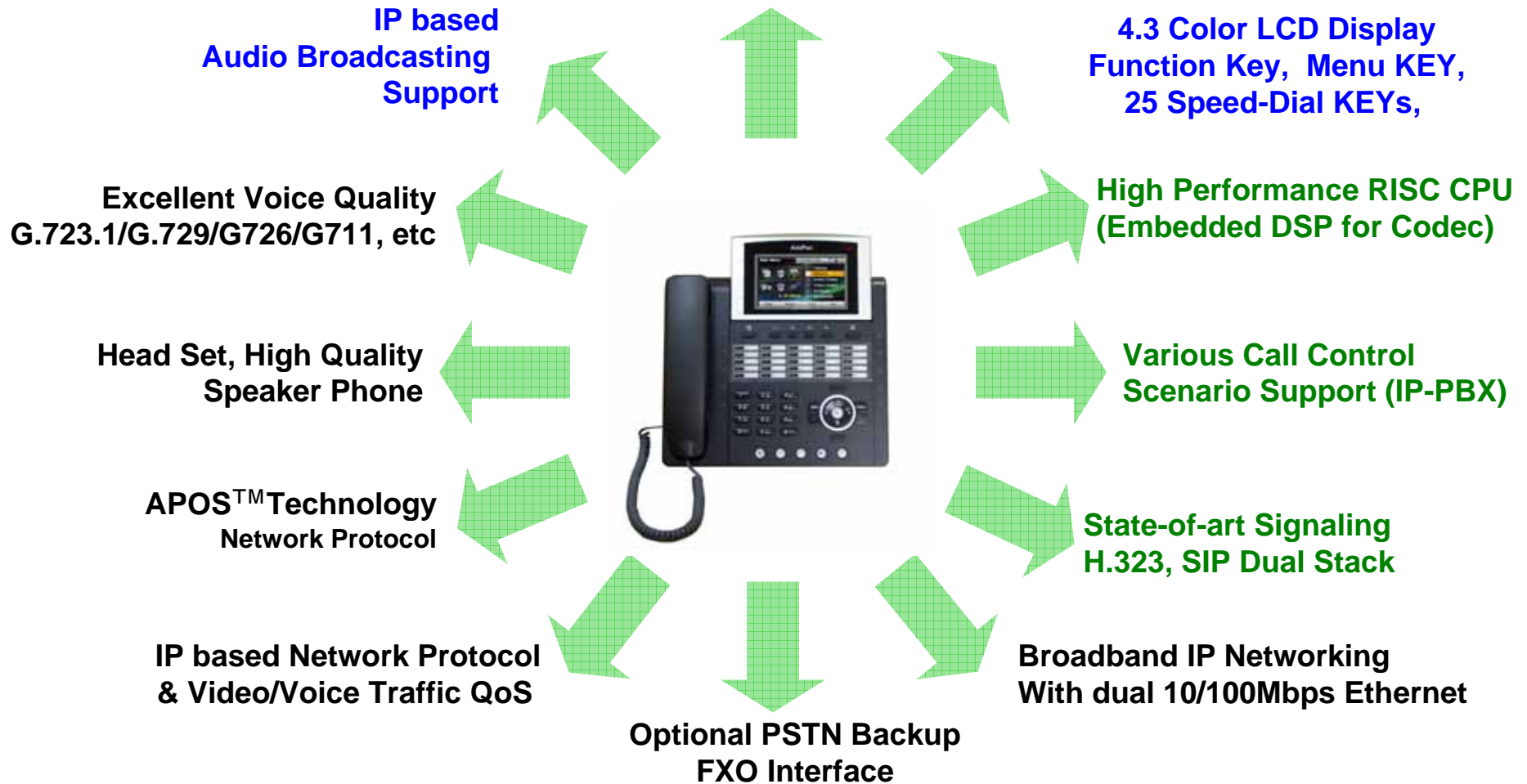
- IP Phone Solution
- Audio Broadcasting Solution
- High-performance Audio, and Voice Service
- Firmware Upgradeable Architecture
- VoIP Solution with Outstanding Network Service Capability
- Audio Privacy Protection



Product Highlights

AP-IP300 Premium IP Phone

High-End IP Phone Solution

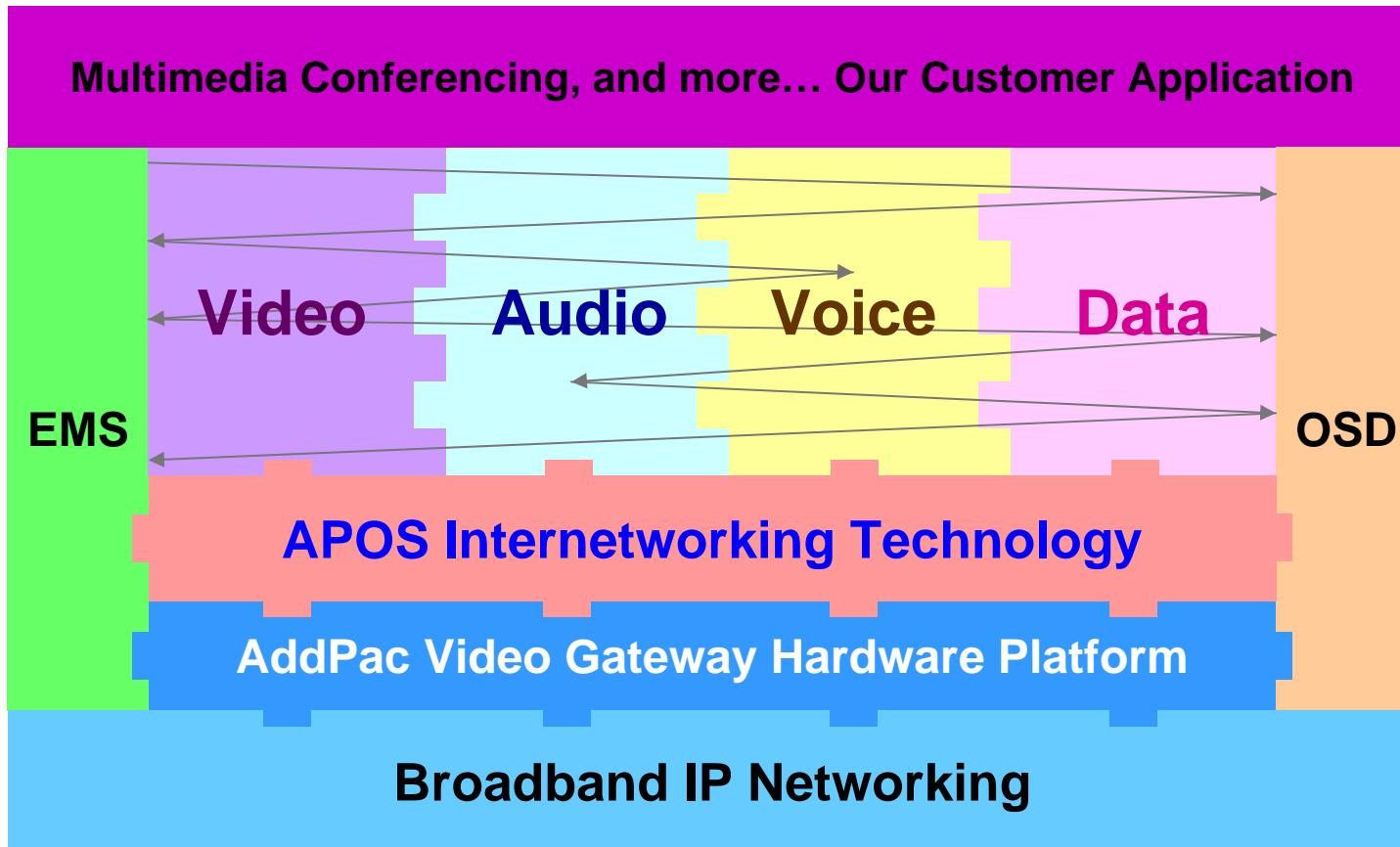


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Multimedia Service

AP-IP300 Premium IP Phone



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

Hardware Specification

AP-IP300 Premium IP Phone

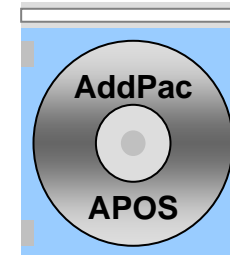
- **RISC+DSP Microprocessor Computing Power (Dual Processor Architecture)**
- **High Quality 4.3 Inch Color LCD Panel**
- **25 Speed Dial Key & User Presence Indication LED**
- **Optional PSTN Backup Interface**
 - FXO Interface
- **High quality Audio and Voice Interface**
 - Stereo Audio Input Connector
 - 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)



Software Service

AP-IP300 Premium IP Phone

- **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

AP-IP300 Premium IP Phone

- **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 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-IP300 Premium 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

AP-IP300 Premium IP Phone

- **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-IP300 IP Phone

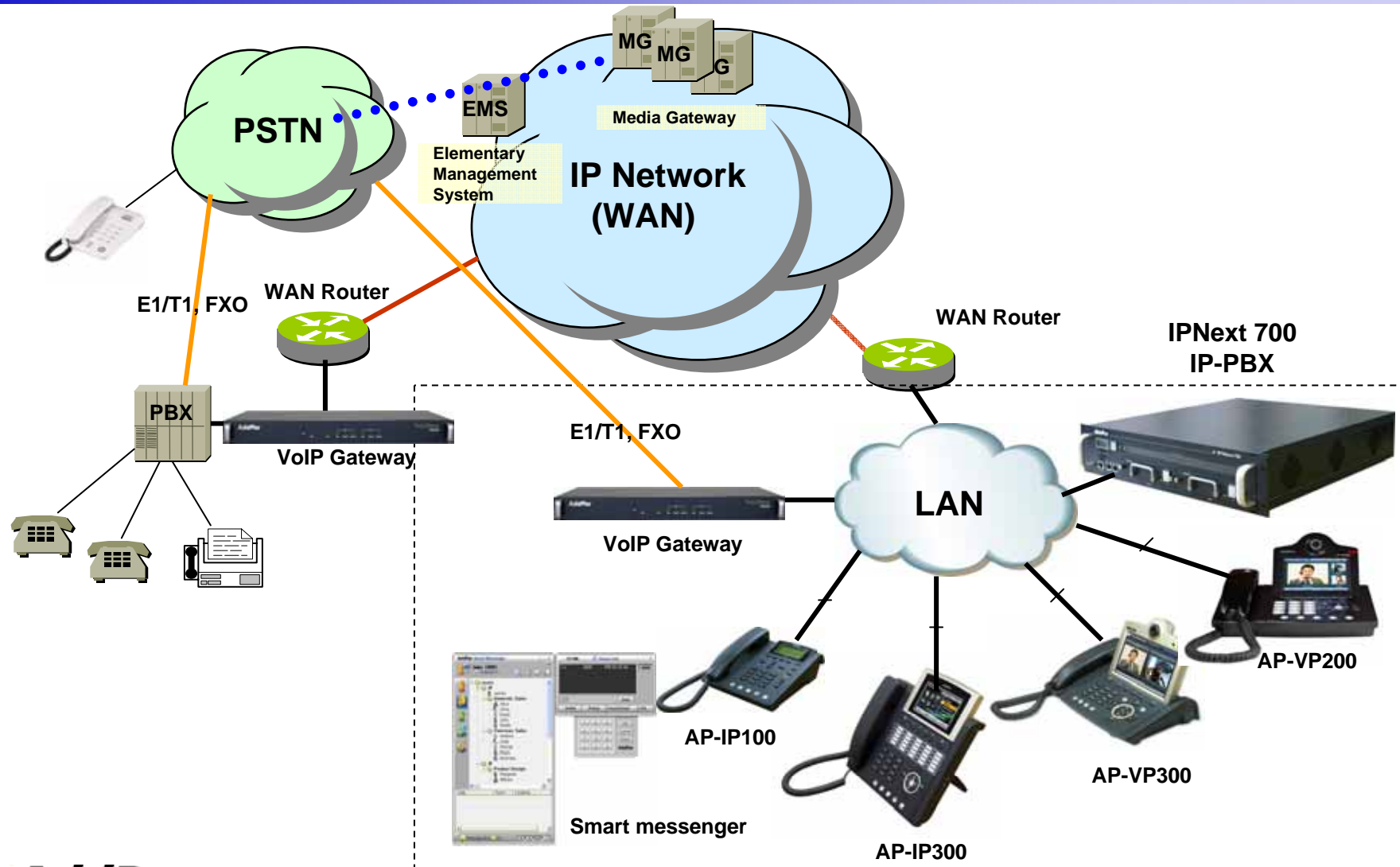
Application Area

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



Standard IP-PBX Application

AP-IP300 Premium IP Phone



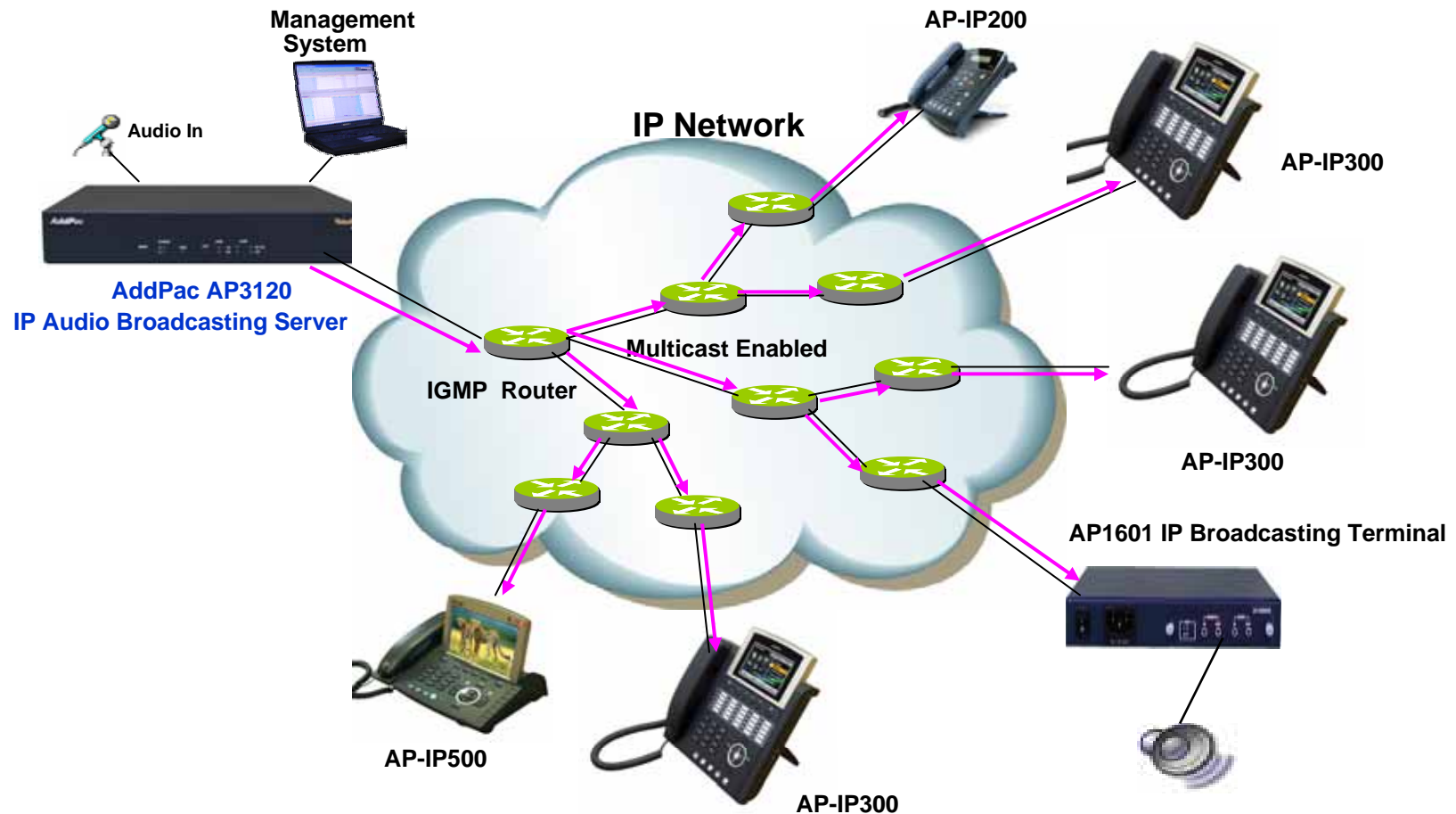
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Audio Real-time Broadcasting

AP-IP300 Premium IP Phone

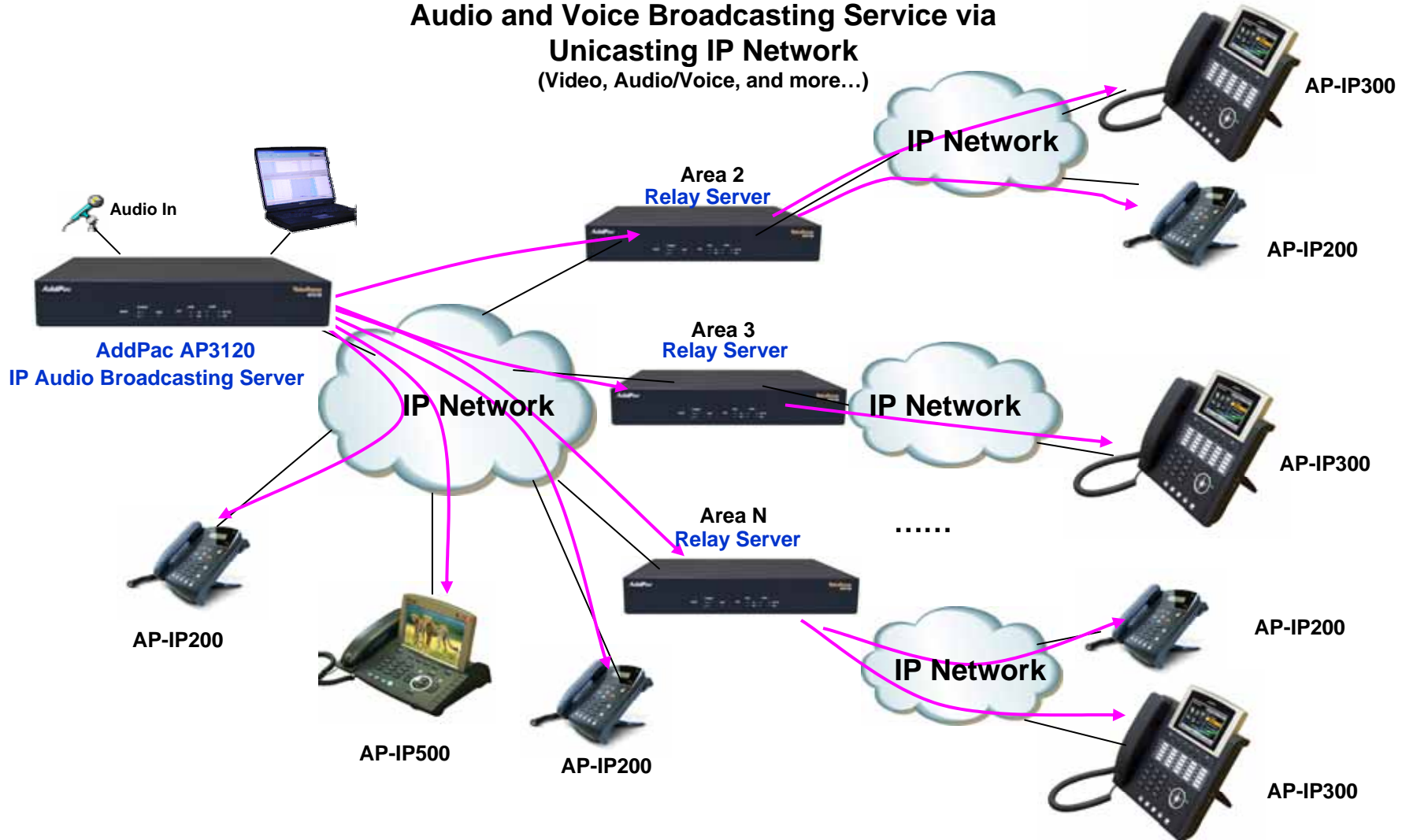
**IP based Audio Broadcasting Service via
Multicasting IP Network**
(Video, Audio/Voice, and more...)



Audio Real-time Broadcasting

AP-IP300 Premium IP Phone

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

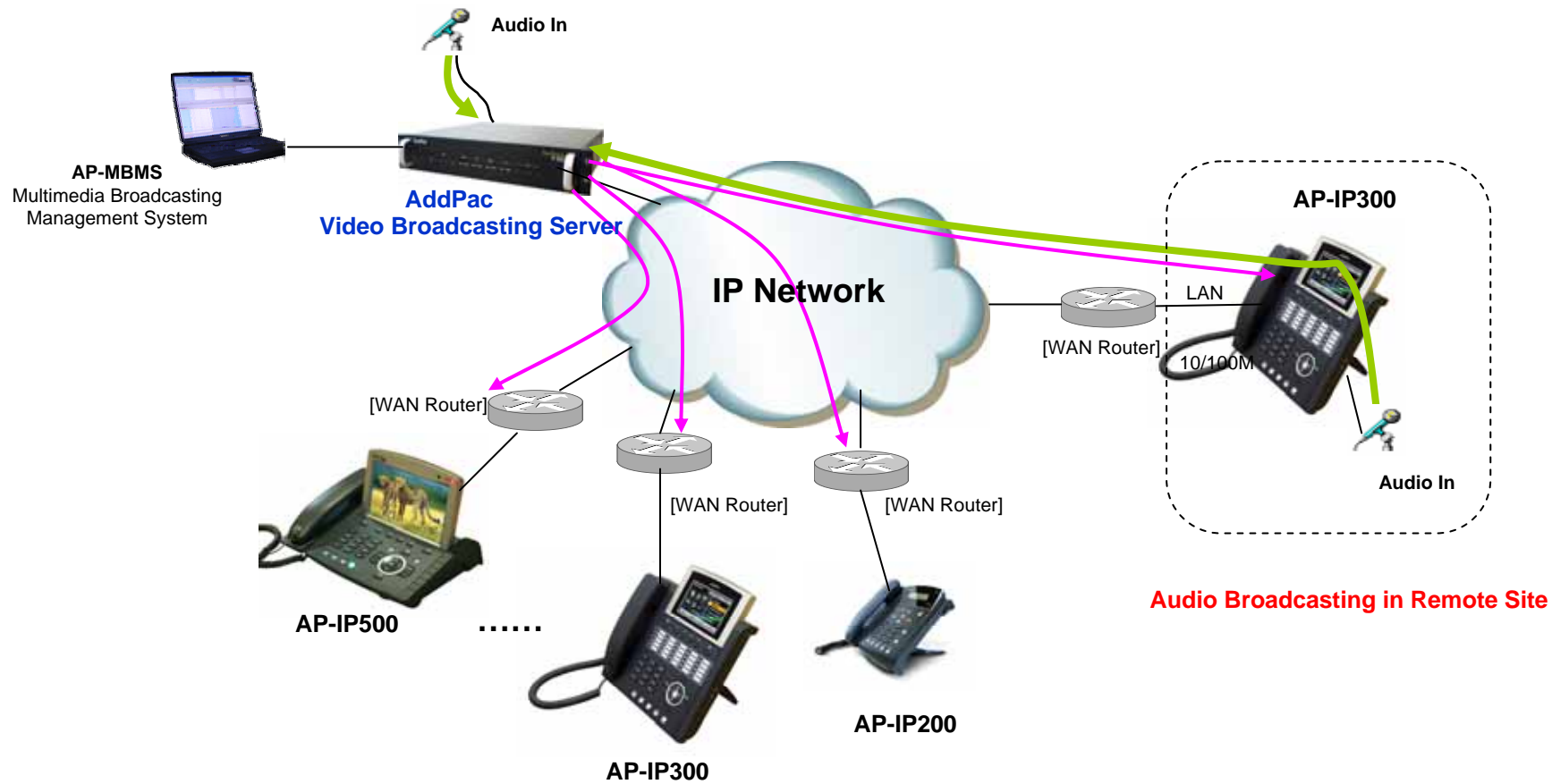


Audio Real-time Broadcasting

AP-IP300 Premium IP Phone

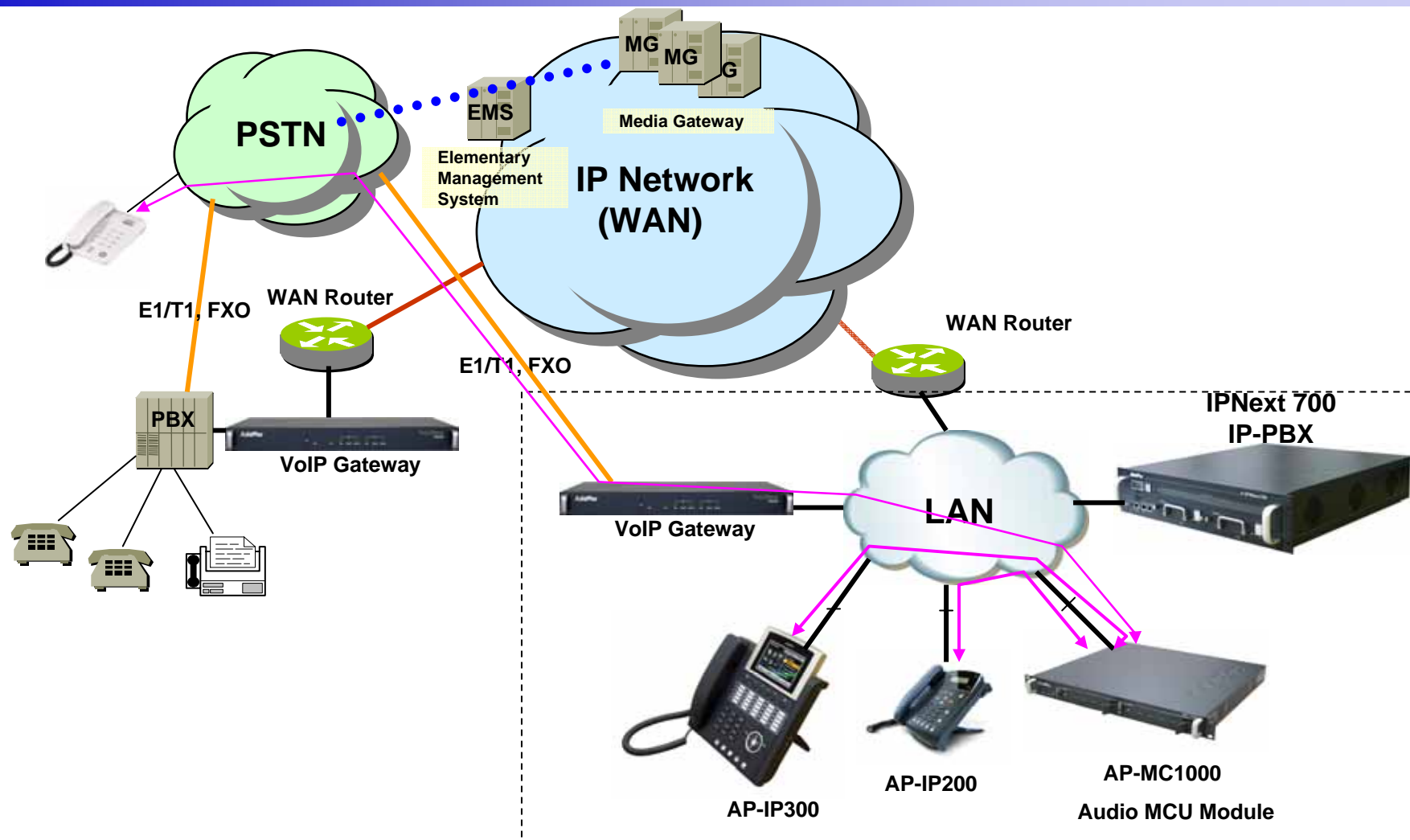
Remote Site Audio and Video Broadcasting Service (Video, Audio/Voice, and more...)

Audio Broadcasting in HQ or Center



Audio Conferencing (Audio MCU)

AP-IP300 Premium IP Phone



Ordering Information

- **AP-IP300 IP Phone Hardware**
 - AP-IP300 IP Phone Main Body
 - RISC Microprocessor with Embedded DSP Architecture
 - 4.3Inch Color LCD, Function KEY, Menu KEY
 - External 3.5mm Audio Input/Output
 - 2-ports 10/100Mbps Fast Ethernet and 1-port RS-232C Console
 - Optional FXO Interface Port for PSTN Backup
 - Including Network Cable Set & Ext. Power Supply, etc.
- **Built-in APOS Internetworking Software for AP-IP300**
- **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!

AddPac Technology Co., Ltd.
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail sales@addpac.com