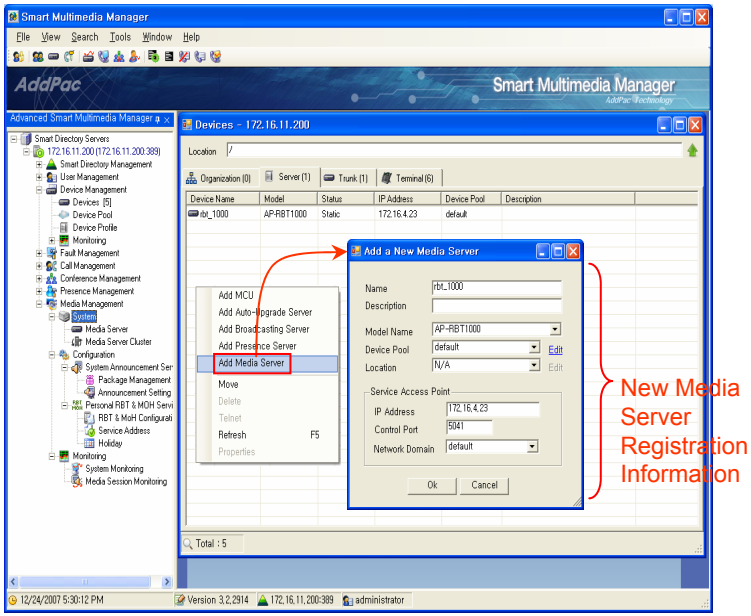


AP-RBT1000 Media Server

High-performance Media Server System

Preliminary Product Overview

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



AddPac

AddPac Technology

Sales and Marketing

www.addpac.com

Contents

- Product Overview
- Product Highlight
- Hardware Specification
- Software Service
- Media Server Service Features
- Media Server Data Flow Diagram
- Media Server Call Flow Diagram
- Media Server Codec
- Media Server Announcement
- Application Service
- Ordering Information

Product Overview

AP-RBT1000 Enterprise Media Server System

- IP based Network Media Server System
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- Smart Media Server Features
  - RBT/MoH/MMCID Service
  - RBT/MoH/MMCID Schedule Holiday) Support
  - Announcement Schedule(Holiday) Support
  - Announcement Package Distribution
  - Announcement/RBT/MoH/MMCID Audio/Video Support
- Firmware Upgradeable Architecture
- Two(2) Gigabit Ethernet Interface
- Two(2) 3.5Inch IDE type Hard Module Slot
- **RAID 1** Hard Disk Backup

Product Highlights

AP-RBT1000 Enterprise Media Server System

Next Generation IP based Network Media Server System

Embedded System for Stability

Fault Tolerant and Scaleable Architecture

RAID 1 Hard Disk Backup (3.5 Inch IDE Hard Disk)

Two(2) Hard Disk Slots (Hot-Swap Support)



Firmware Upgradeable Architecture

Smart Multimedia Manager for AP-RBT1000 Management

APOS™ Technology
Multimedia Network Protocol

USB Host Mode Interface for Secondary Backup (DVD Writer), etc

RBT/MoH/MMCID Service
Announcement Service

Two(2) 10/100/1000Mbps Gigabit Ethernet

Audio/Video Media Service

Hardware Specification

AP-RBT1000 Enterprise Media Server System

64bit CPU

- **RISC Microprocessor Computing Power**
- **Main Chassis**
  - **Network Interface**
    - Two(2) 10/100/1000Mbps Gigabit Ethernet
    - One(1) RS-232C Console (RJ45)
  - **USB Host Mode Interface for DVD Backup, etc**
  - **Two(2) Hard Disk Interface Slot for RAID1 Configuration**





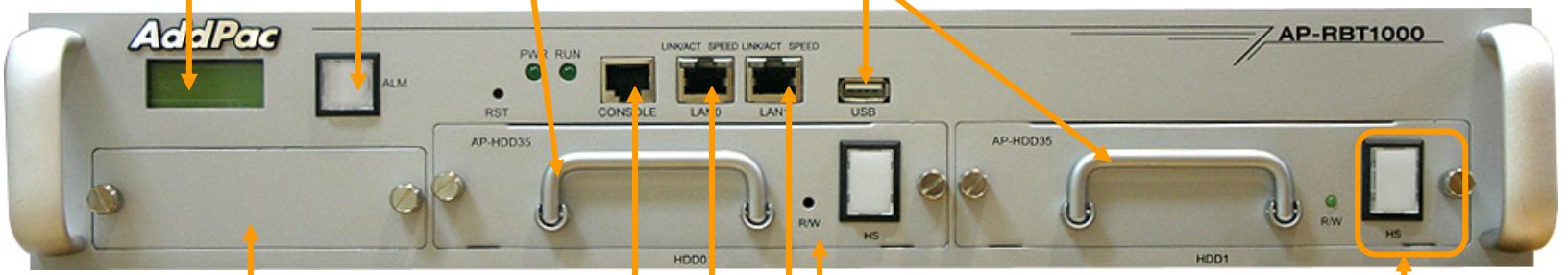
Hardware Specification

AP-RBT1000 Enterprise Media Server System

High-End RISC CPU

- **Hard Disk Module (RAID 1)**

AP-RBT1000 Front Side



Status LCD

Alarm Clear Button

USB 2.0 Interface Port

Read/Write Access LED

Hot-Swap Button & LAMP Indication

LAN1(10/100/1000Mbps)

LAN0(10/100/1000Mbps)

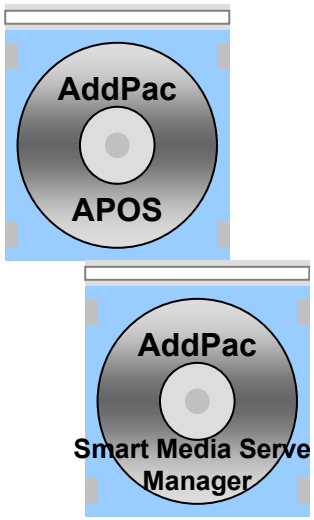
Console Port

Voice Transcoding DSP Module

Software Service

AP-RBT1000 Enterprise Media Server System

- **Built-in AddPac Internetworking Software**
  - Scalability, Functionality, and Stability Features
  - Advanced Network Media Service Features
  - QoS Control Features
- **Firmware Upgradeable Architecture**
- **Industry Standard Network Protocol Features**
- **Highly User Friendly Management Features**
  - PC based Window Program
  - Smart Multimedia Manager for Media Server



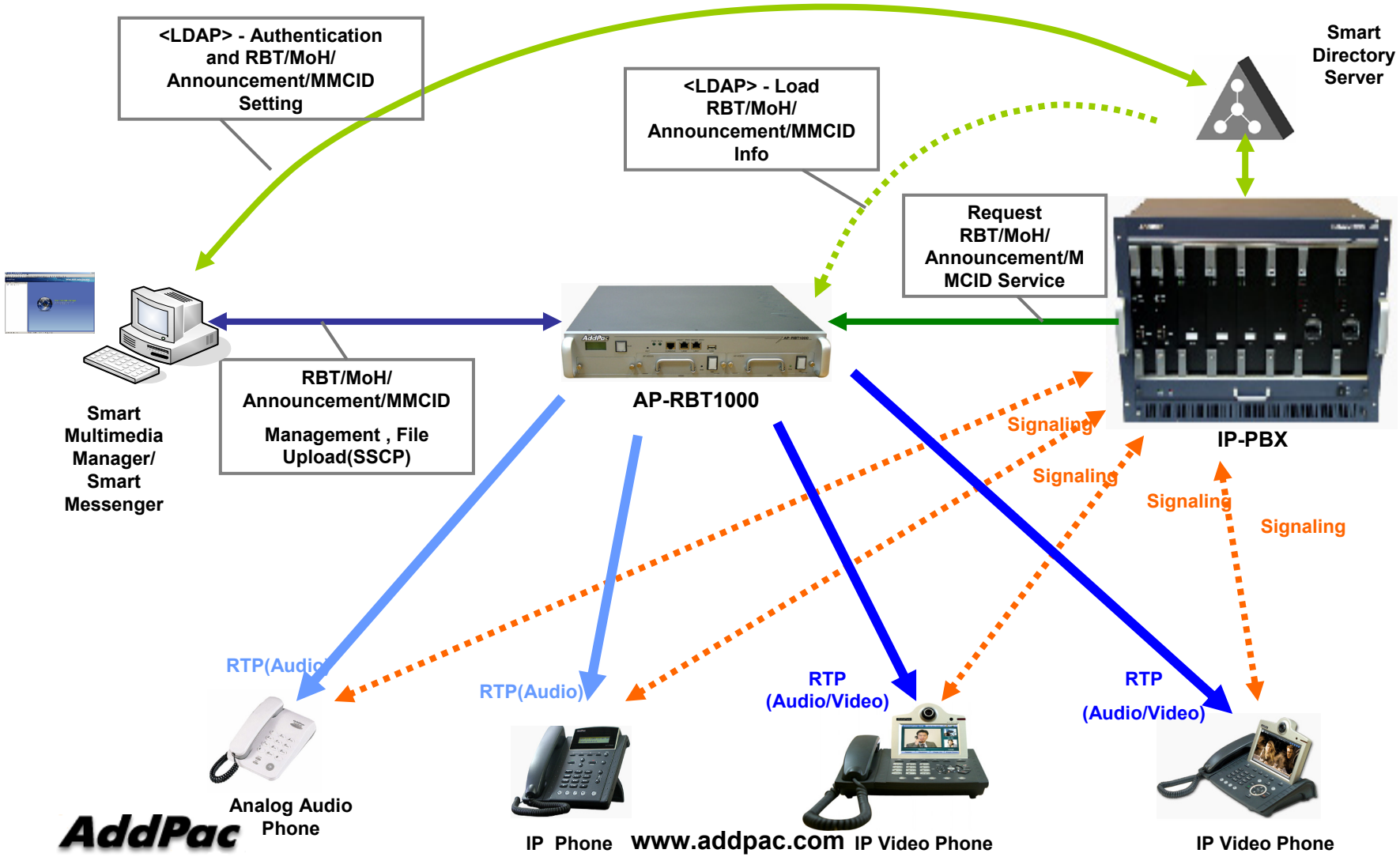
Media Server & IP-PBX Media Service

AP-RBT1000 Enterprise Media Server System

Function	Specific Feature	Call Manager (IP-PBX)	Media Server (AP-RBT1000)
RBT/MoH	**Address (Personal) /Group* Service**	**X**	**O**
	Schedule and Holiday Support	**X**	**O**
	Audio Support	**O**	**O**
	Video Support	**X**	**O**
MMCID	**Address (Personal)/Group* Service**	**X**	**O**
	Schedule and Holiday Support	**X**	**O**
	Audio Support	**X**	**O**
	Video Support	**X**	**O**
Announcement	**Audio Support**	**O**	**O**
	Video Support	**X**	**O**
	Schedule and Holiday Support	**X**	**O**
	Announcement Package	**X**	**O**
Miscellaneous	**Cluster**	**X**	**O**
	Address Pool	**X**	**O**
	Media Server Monitoring (Service Session , System Monitoring)	**X**	**O**
	SMM with SSCP Protocol	**X**	**O**

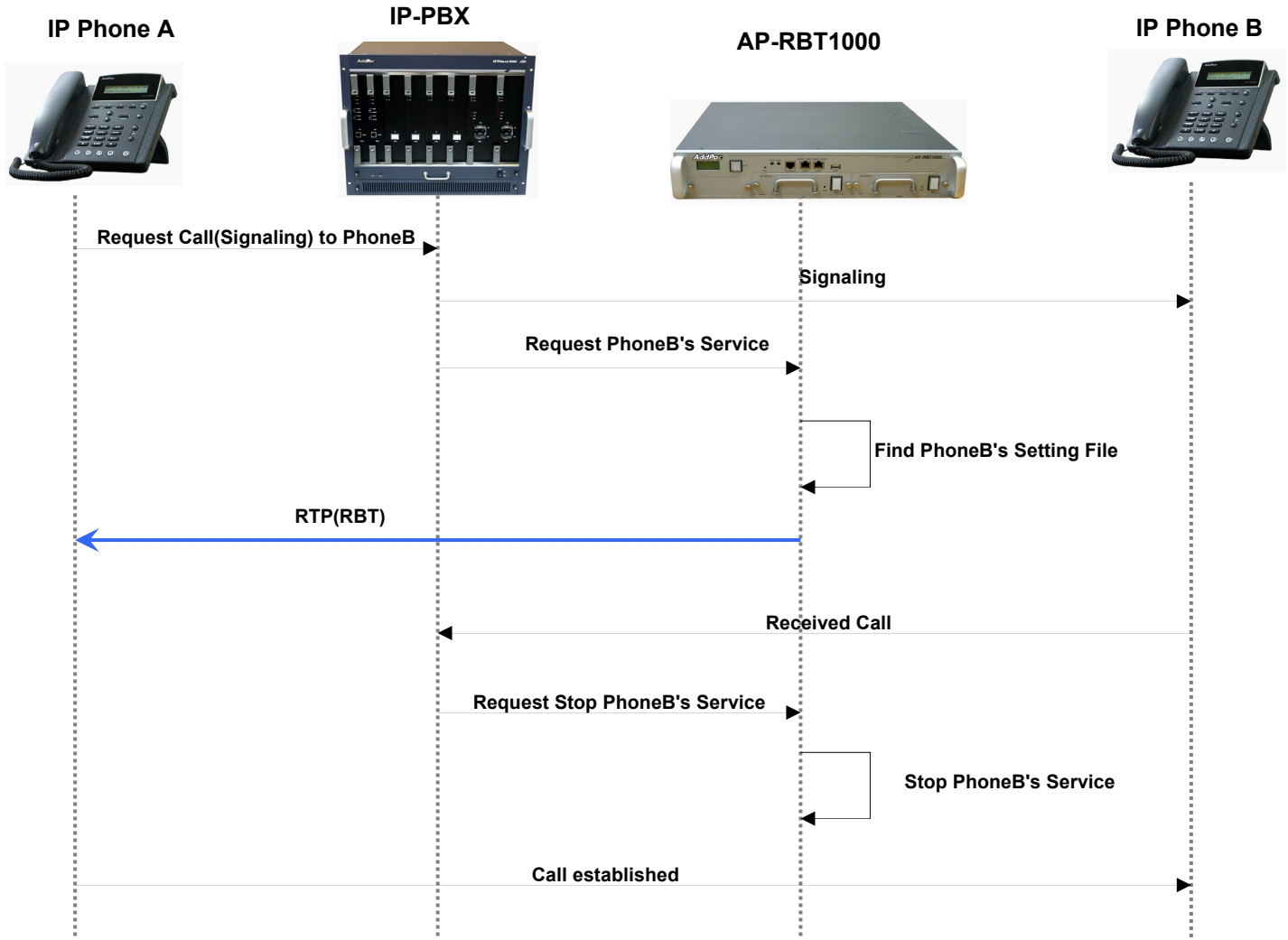
Media Server Data Flow Diagram

AP-RBT1000 Enterprise Media Server System



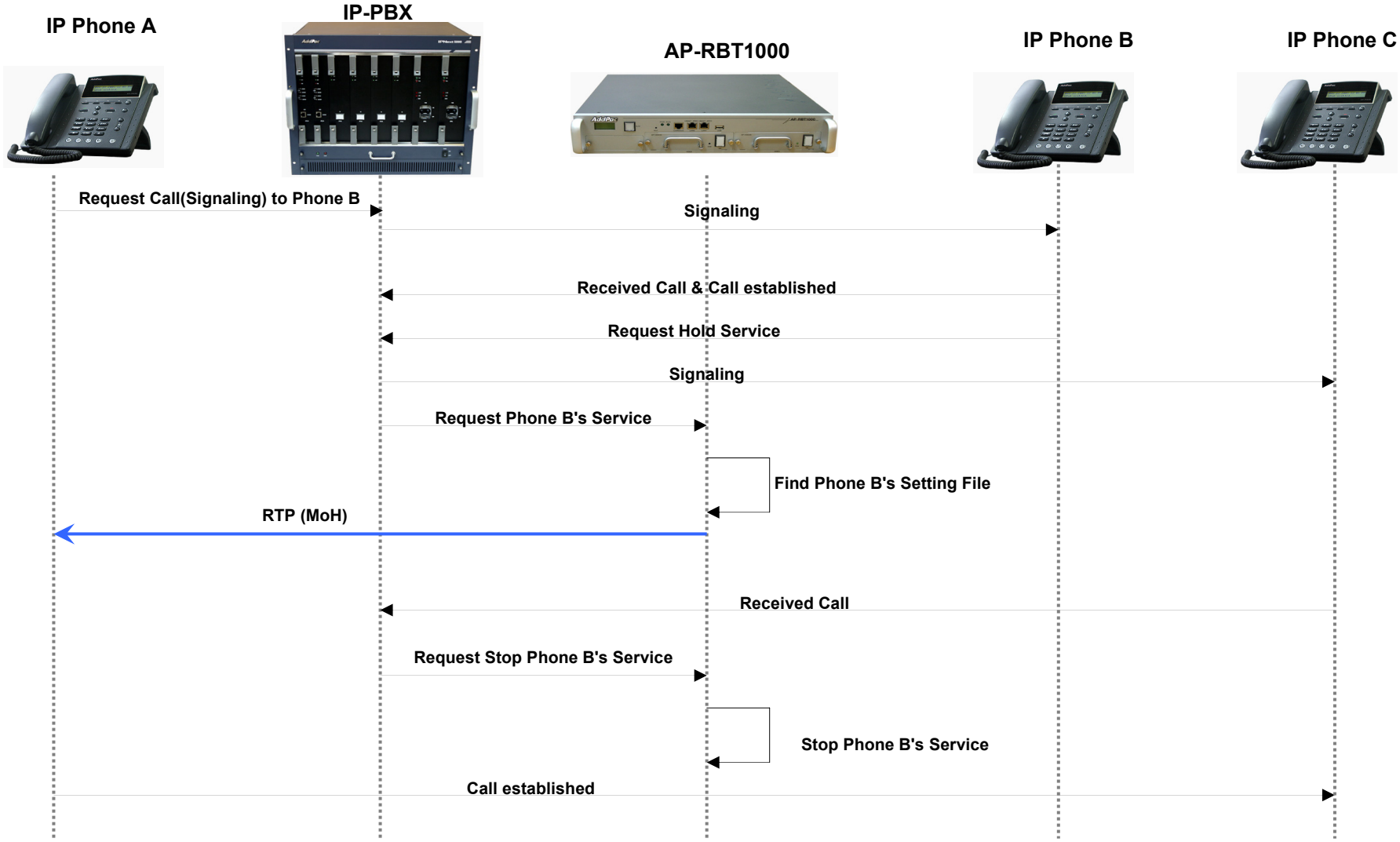
Media Server Call Flow Diagram (Ring Back Tone)

AP-RBT1000 Enterprise Media Server System



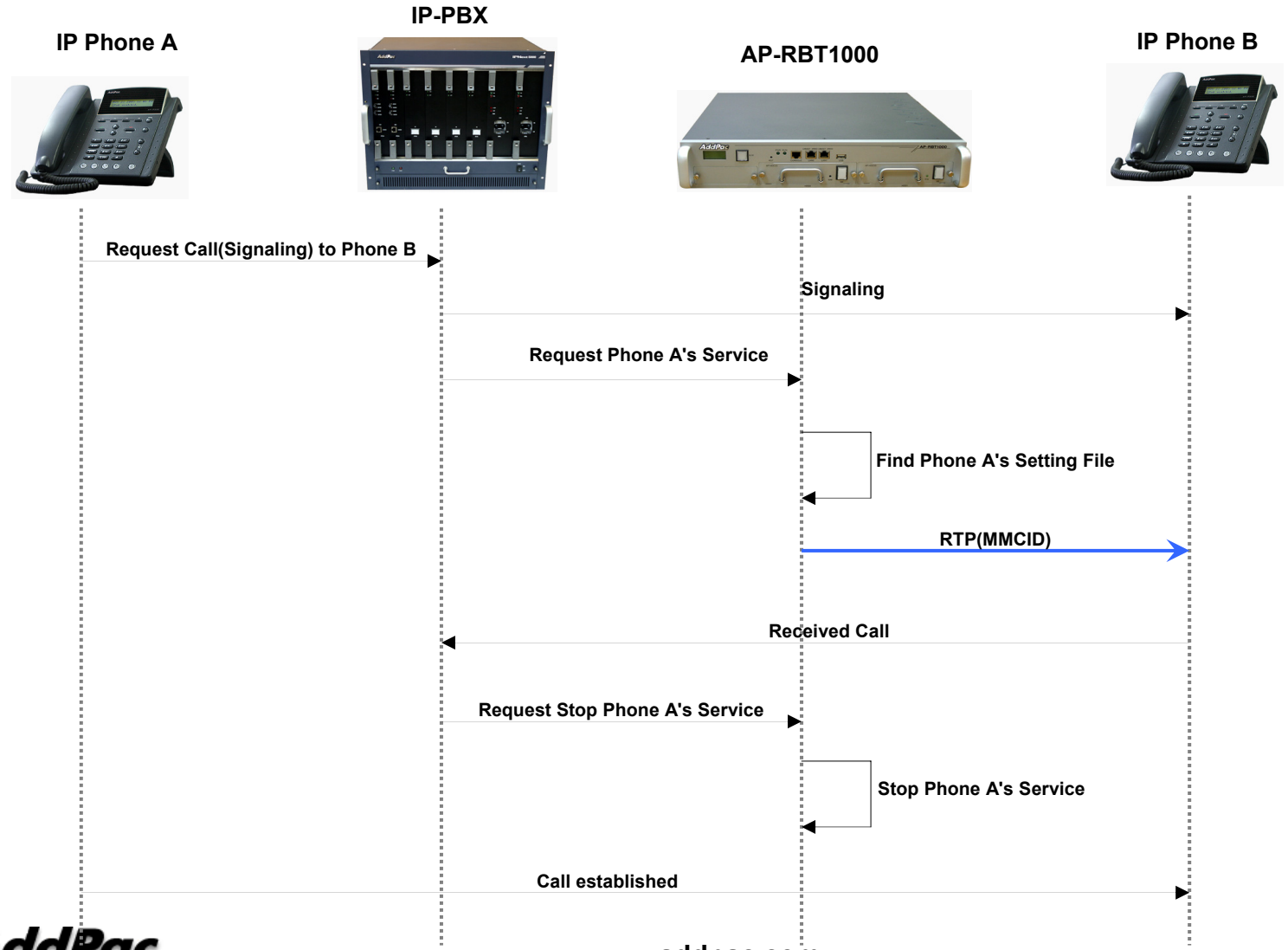
Media Server Call Flow Diagram (MoH : Music on Hold)

AP-RBT1000 Enterprise Media Server System



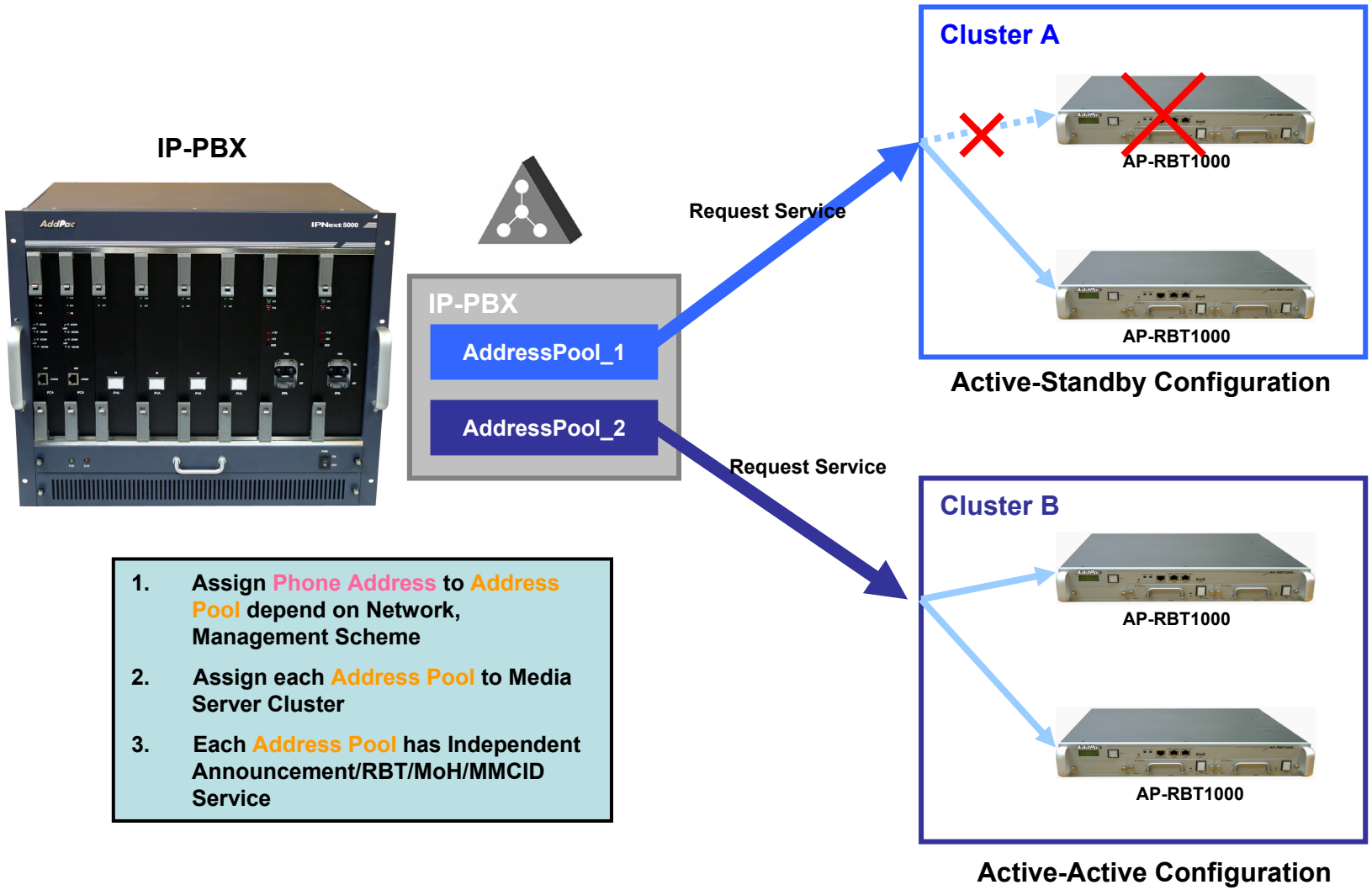
Media Server Call Flow Diagram (MMCID : Multimedia Caller ID)

AP-RBT1000 Enterprise Media Server System



Media Server Address Pool and Cluster

AP-RBT1000 Enterprise Media Server System



1. Assign Phone Address to Address Pool depend on Network, Management Scheme
2. Assign each Address Pool to Media Server Cluster
3. Each Address Pool has Independent Announcement/RBT/MoH/MMCID Service

Media Server Support Codec

AP-RBT1000 Enterprise Media Server System

Audio/Video	Codec
Audio	G711u
	G711a
	G729
Video	MPEG4
	H.263

Announcement Service

AP-RBT1000 Enterprise Media Server System

Service	Name	Description
Dial Tone	**Normal Dial-tone**	**Hearing Tone When off-Hook(“ttou”)**
	Virtual Dial-tone	**Hearing tone when a user try to external outbound call (9T).** **Little bit difference with normal tone**
	Consult tone	**Hearing tone when a user transfer call(“ttou”, “ttou”)**
Announcement	**Connect**	**Call will be connected**
	Retry	**Sorry, retry to call connect**
	No Number	**Sorry, Phone Number is not available**
	Over Count	**Retry count number is over.**
	Busy	**Sorry, this phone line is busy**
	No Answer	**Sorry. User doesn't answer**
	System Normal Fail	**Sorry, call connection is not available at this time**
	Network Busy	**Sorry, Network is busy, please retry after moment.**
	System overload	**Sorry, this call is restricted by license, please rety after moment**
Default RBT/MoH	**Ring back tone**	**Default RBT**
	Music On Hold	**Default MoH**
	Call Waiting tone	**Call Waiting tone**

Application Service

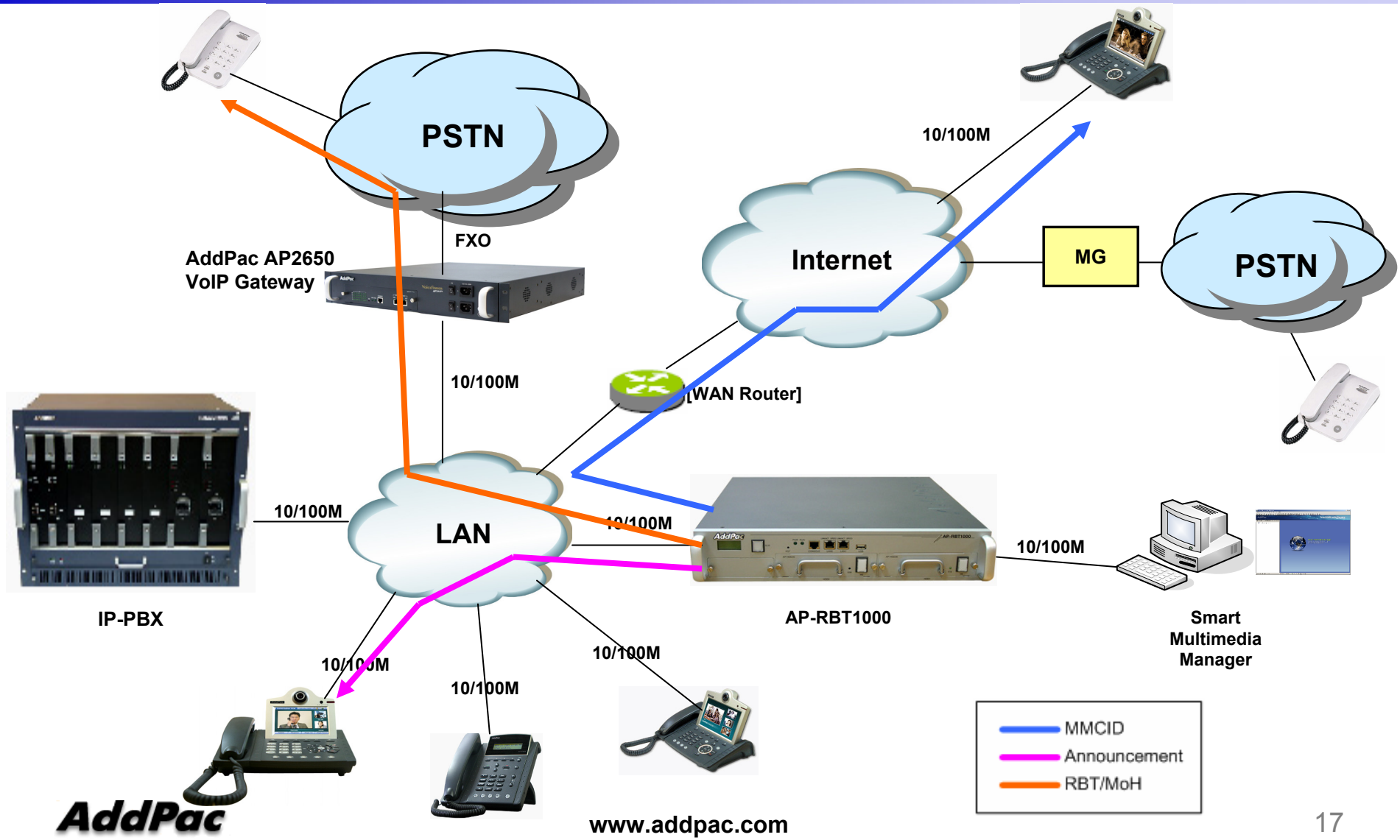
AP-RBT1000 Enterprise Media Server System

- Enterprise All IP Network Application



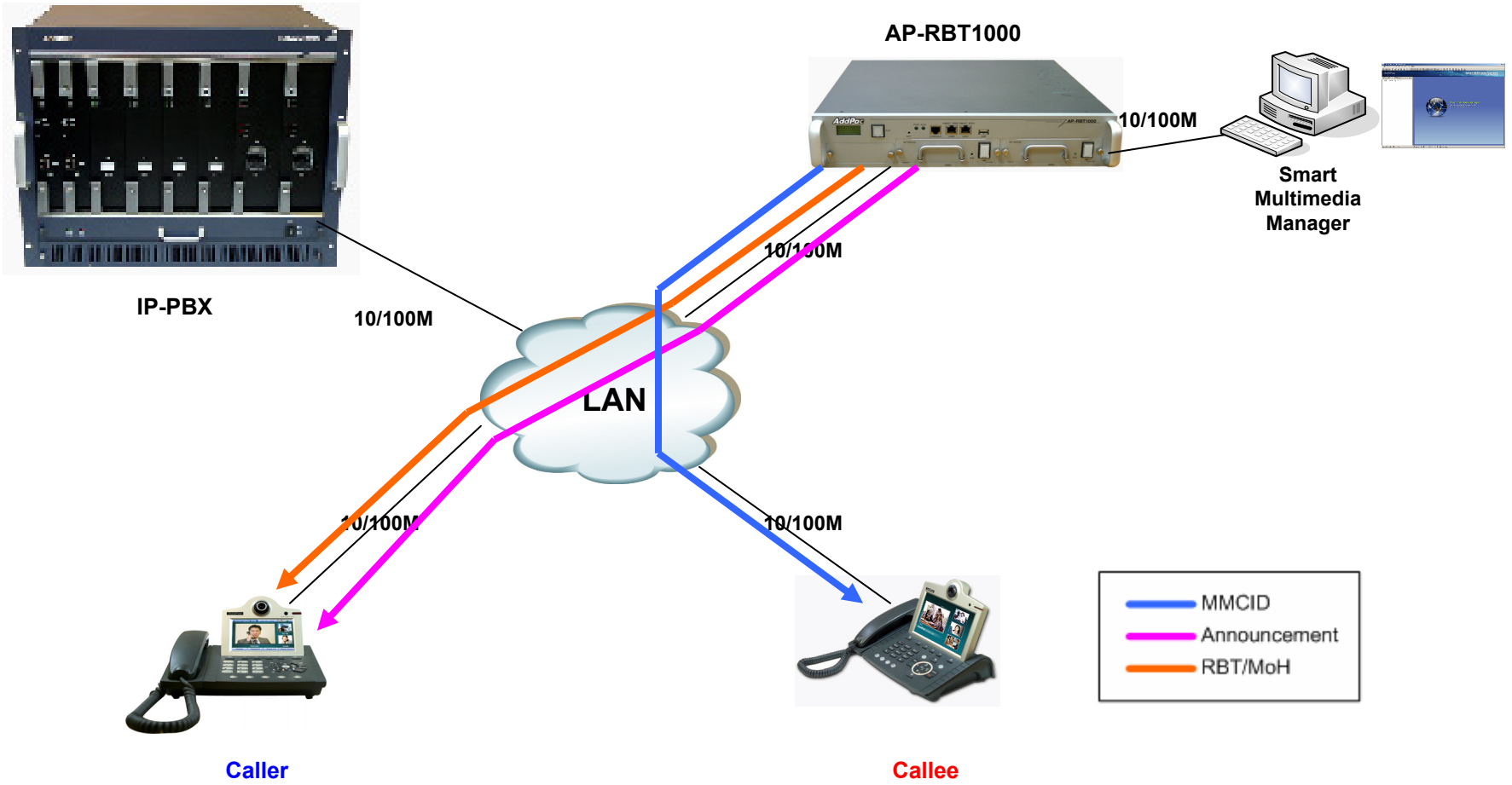
Media Service App. for All IP Environment

AP-RBT1000 Enterprise Media Server System



Media Service App. for All IP Environment

AP-RBT1000 Enterprise Media Server System



Ordering Information

- **Network Media Server System Hardware**
  - AP-RBT1000 Main Body
  - High-performance 64bit RISC CPU
  - 2-ports 10/100/1000Mbps Gigabit Ethernet and 1-port RS-232C Console
  - 1-Port USB Interface
  - Including Network Cable Set & Power Supply Cable, etc.
  - Optional Voice Transcoding DSP Module for Multi-Voice Codec
  - RAID 1 Hard Disk (2x3.5 Inch IDE Type HDD, 300G Default)
- **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