IP Extend Key Pack Solution

AP-PT100   AP-PT50   AP-PT20
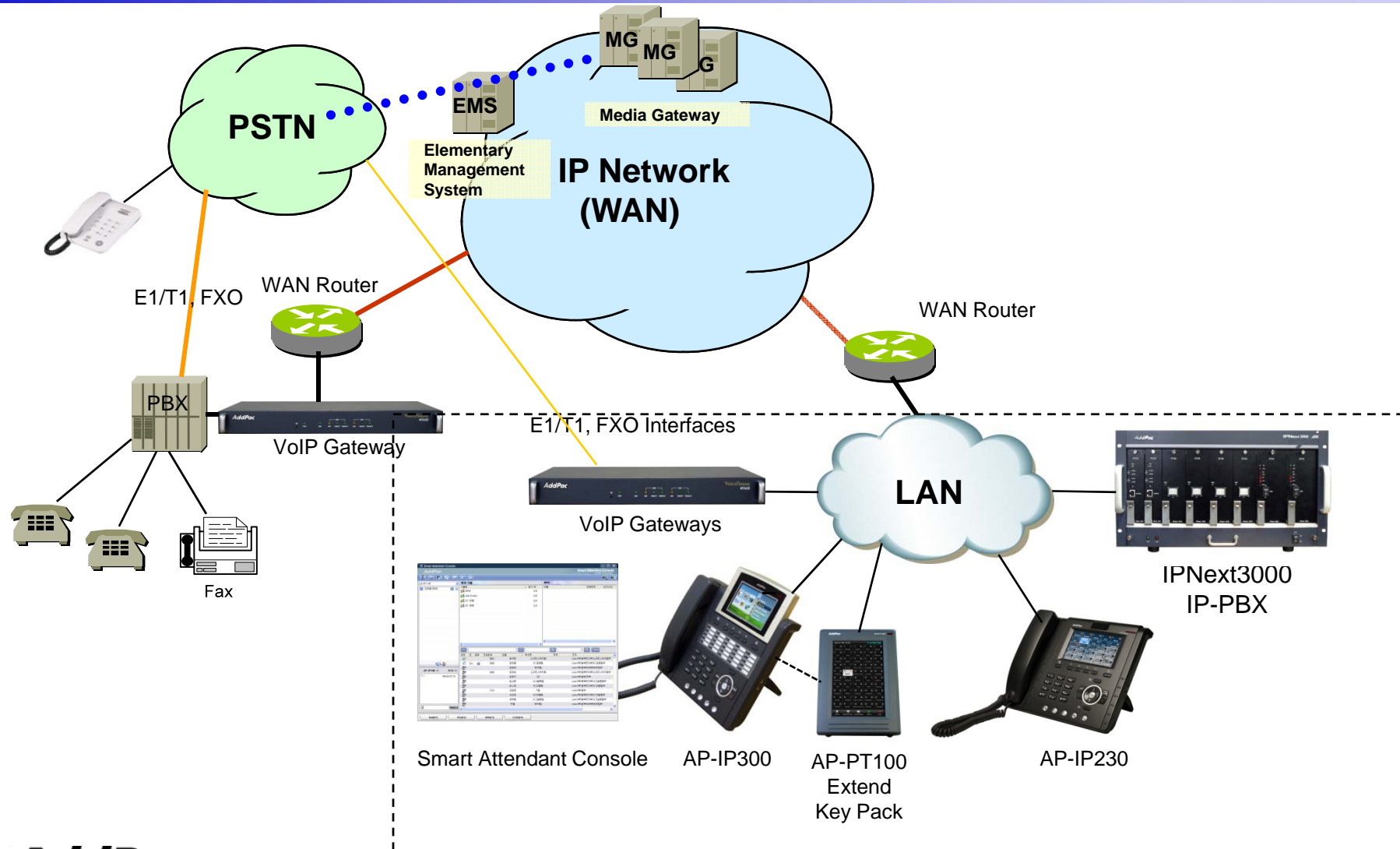
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2010, Sales and Marketing

Contents

- IP Extend Key Pack Service Diagram
- IP Extend Key Pack Comparison Table
- IP Extend Key Pack Series
    - AP-PT100
    - AP-PT50
    - AP-PT20
- Smart Attendant Console Application

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IP Extend Key Pack Service Diagram

PSTN

MG MG G

EMS

Media Gateway

Elementary Management System

IP Network (WAN)

E1/T1, FXO

WAN Router

WAN Router

PBX

VoIP Gateway

E1/T1, FXO Interfaces

LAN

VoIP Gateways

IPNext3000 IP-PBX

Fax

Smart Attendant Console

AP-IP300

AP-PT100 Extend Key Pack

AP-IP230

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IP Extend Key Pack Comparison Table

Model / Service Features	AP-PT100	AP-PT50	AP-PT20
Key Type	7 inch LCD Touch Screen	Push Button with User Presence Indication LAMP	Push Button with User Presence Indication LAMP
Key Number	Default : 9(row) x 4(column) = 36	60 Key	40 Key
User Presence Indication	Support	LED on, LED off, LED Blink	LED on, LED off, LED Blink
Multiple Cascading	Support	Support	Support
Speaker	Support	Support	Support
LAN Port	2	2	2
PoE(Option)	Support	Support	Support
Application	IP Phone or Video Phone Extend Key Pack	IP Phone or Video Phone Extend Key Pack	IP Phone or Video Phone Extend Key Pack

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AP-PT100
IP Extend Key Pack

Main Features

- User Presence and Touch Screen based Speed Dialing Terminal
- "7 Inch Color TFT LCD
- 36 Speed-Dial Key
- Inter-working with IP Terminal, Presence Server, Call Manager
- Multiple Terminal Cascading Feature
- User Presence Indication Service
- User Presence Group Feature
- Firmware Upgradeable Architecture
- PoE (Power over Ethernet) Function
- Smart Web Manager
- Internal Speaker

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Hardware Specification

RISC
CPU

- RISC+DSP Microprocessor Computing Power
- High Quality 7 Inch Color LCD Panel
- Touch Screen based 36 Speed Dial Key & User Presence Features
- Optional PoE (Power over Ethernet) Interface
- Network Interface
  - Two(2) 10/100Mbps Fast Ethernet
- RS232C Console Interface for CLI
- USB Host Mode Interface
  - USB Memory(Flash, HDD), USB Keyboard, USB Mouse, USB Wifi
- Power Supply
  - Power over Ethernet
  - External Power Adaptor (5V, 3A)
  - Power Switch
- Connector for Cascading

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Hardware Specification

RISC
CPU

Front Side

Power ON LAMP

Touch Screen based Key

7 Inch LCD Panel

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Hardware Specification

AP-PT100 IP Extend Key Pack
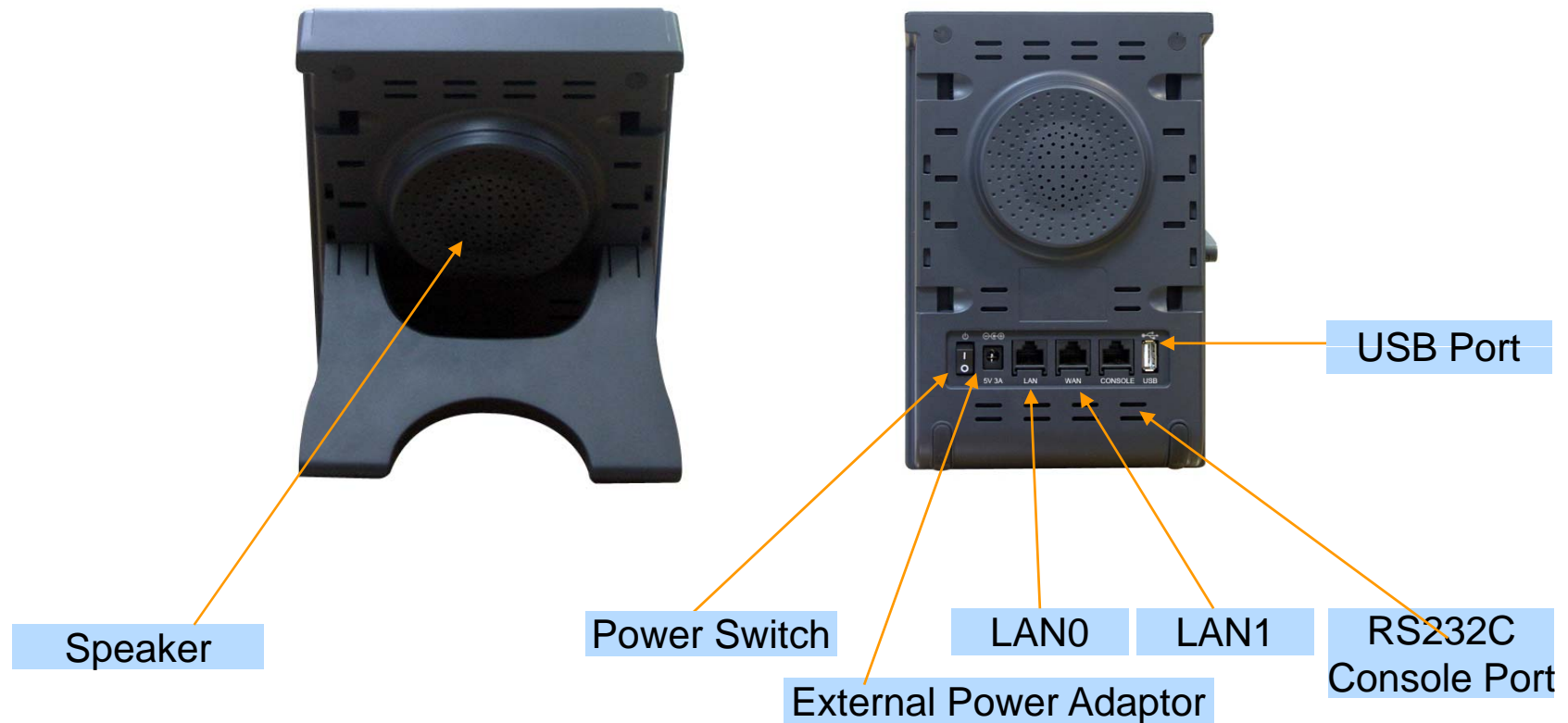
Back Side

Speaker

Power Switch

External Power Adaptor

LAN0

LAN1

RS232C
Console Port

USB Port

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AP-PT50
IP Extend Key Pack

Main Features

- Speed Dialing Terminal with User Presence Indication LAMP

- 60 (3 Column x 20 Row) Speed-Dial Key Buttons

- Inter-working with IP Terminal, Presence Server, Call Manager

- Multiple Terminal Cascading Feature

- User Presence Indication LED (on, off, blink)

- User Presence Group Feature

- Firmware Upgradeable Architecture

- PoE (Power over Ethernet) Function

Hardware Specification

**RISC
CPU**

- RISC+DSP Microprocessor Computing Power

- 60 Speed Dial Key with User Presence LAMP

- Optional PoE (Power over Ethernet) Interface

- Network Interface
  - Two(2) 10/100Mbps Fast Ethernet

- Power Supply
  - Power over Ethernet (Option)
  - External Power Adaptor (5V, 2A)
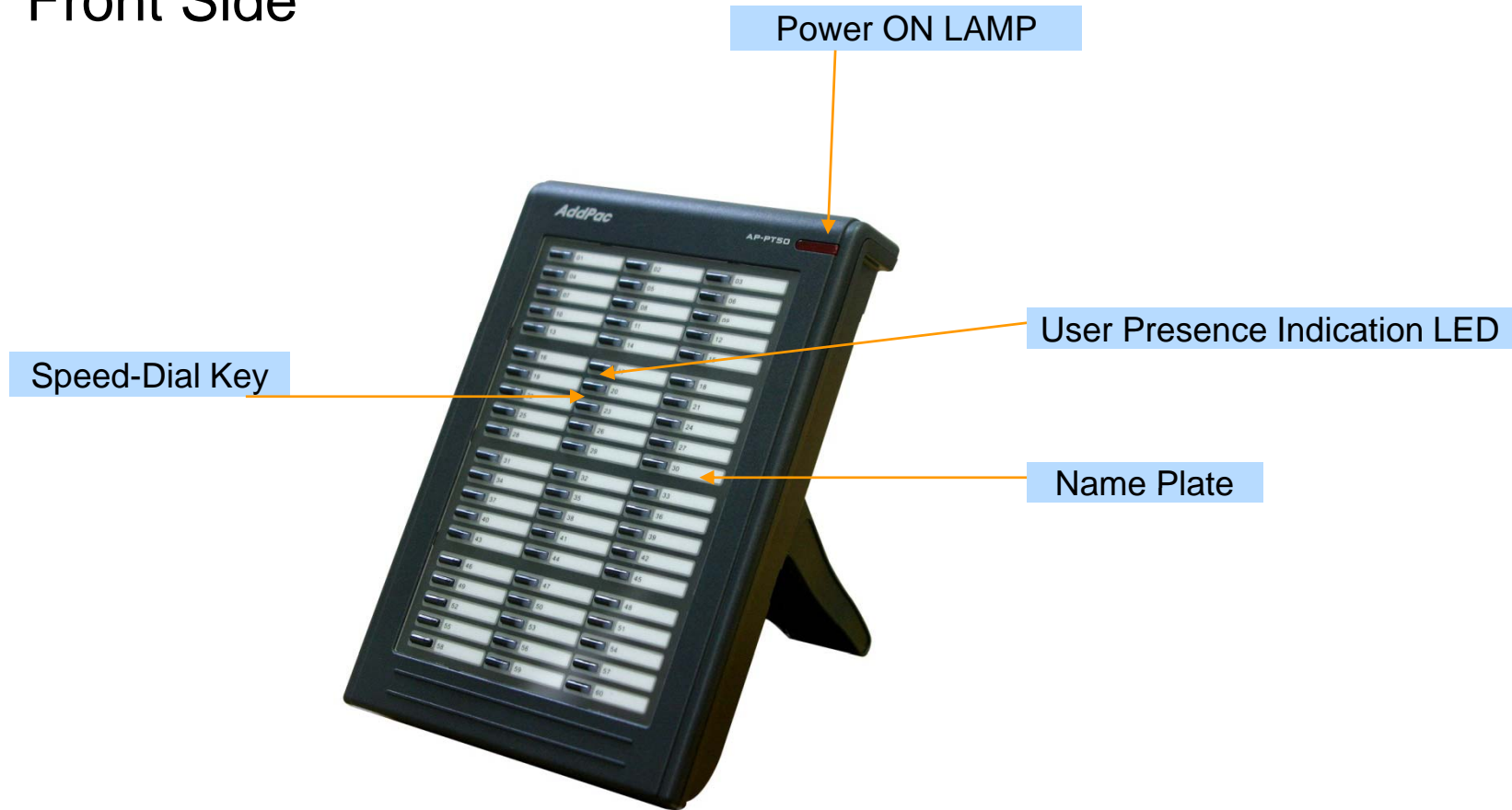 - Power Switch

- Connector for Cascading

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Hardware Specification
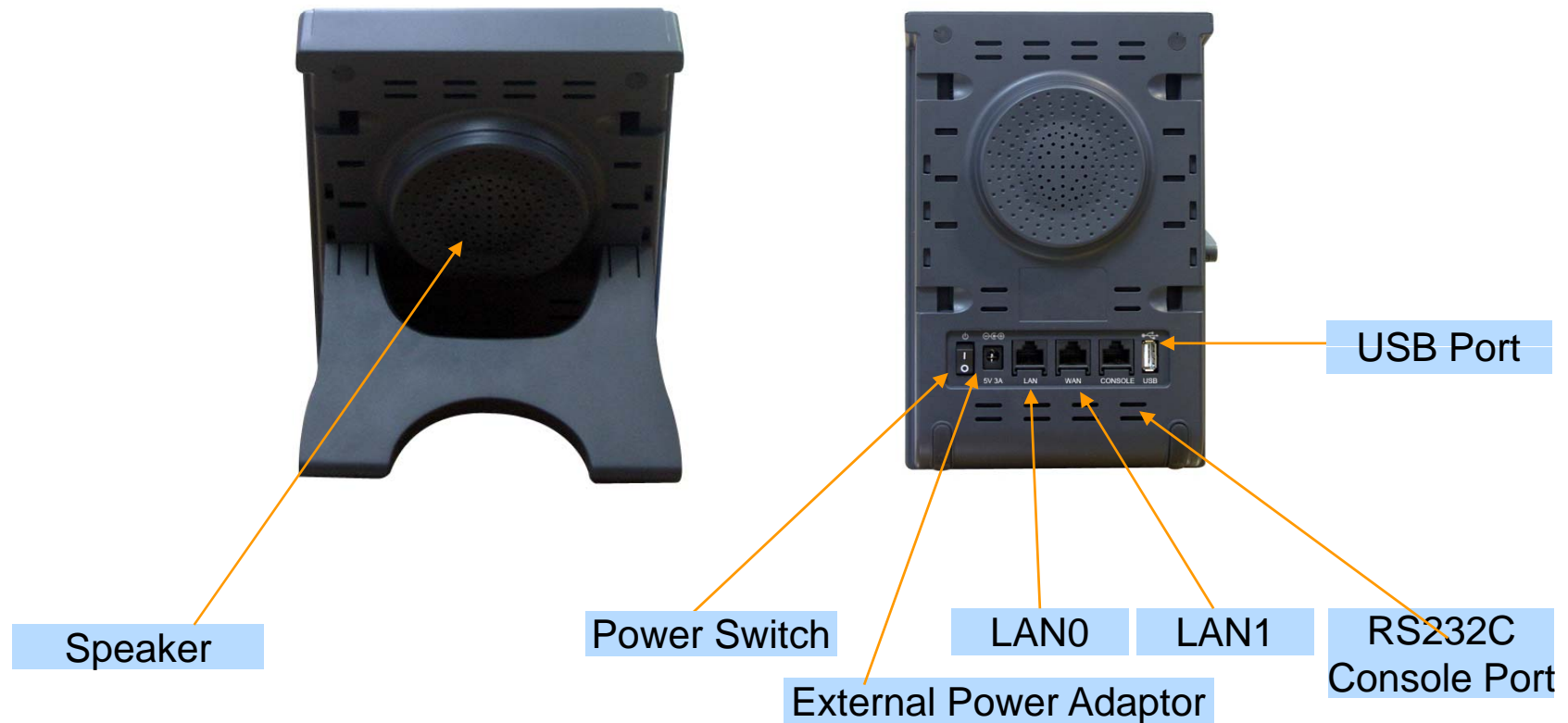
AP-PT50 IP Extend Key Pack

Front Side

Power ON LAMP

User Presence Indication LED

Speed-Dial Key

Name Plate

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Hardware Specification

RISC
CPU

Back Side

USB Port

Speaker

Power Switch   LAN0   LAN1   RS232C
Console Port

External Power Adaptor

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AP-PT20
IP Extend Key Pack

Main Features

- Speed Dialing Terminal with User Presence Indication LAMP

- 40 (2 Column x 20 Row) Speed-Dial Key Buttons

- Inter-working with IP Terminal, Presence Server, Call Manager

- Multiple Terminal Cascading Feature

- User Presence Indication LED (on, off, blink)

- User Presence Group Feature

- Firmware Upgradeable Architecture

- PoE (Power over Ethernet) Function

Hardware Specification

RISC CPU

- RISC+DSP Microprocessor Computing Power

- 40 Speed Dial Key with User Presence LAMP

- Optional PoE (Power over Ethernet) Interface

- Network Interface

  – Two(2) 10/100Mbps Fast Ethernet

- Power Supply

  – Power over Ethernet (Option)

  – External Power Adaptor (5V, 2A)
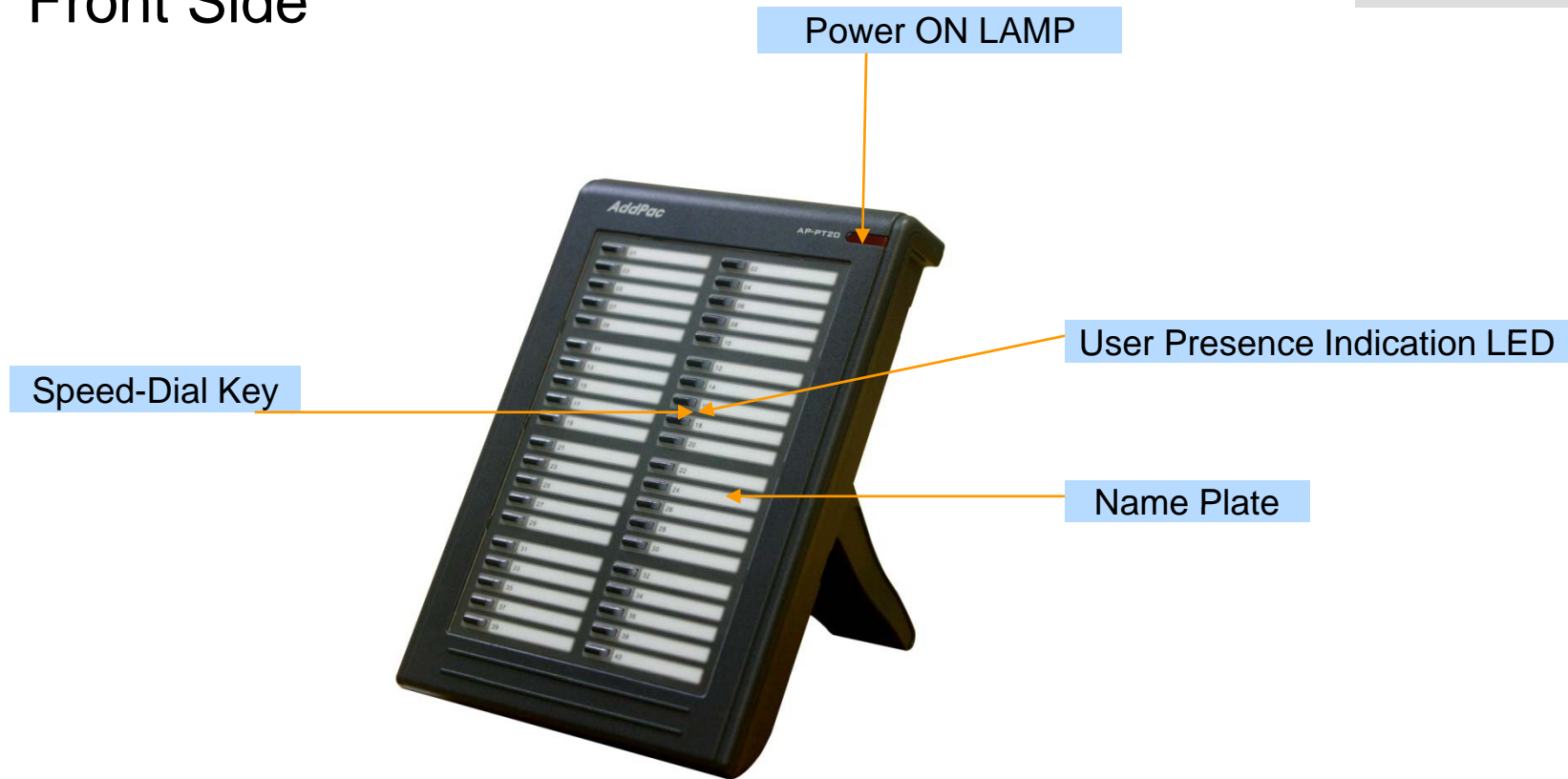
  – Power Switch

- Connector for Cascading

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Hardware Specification
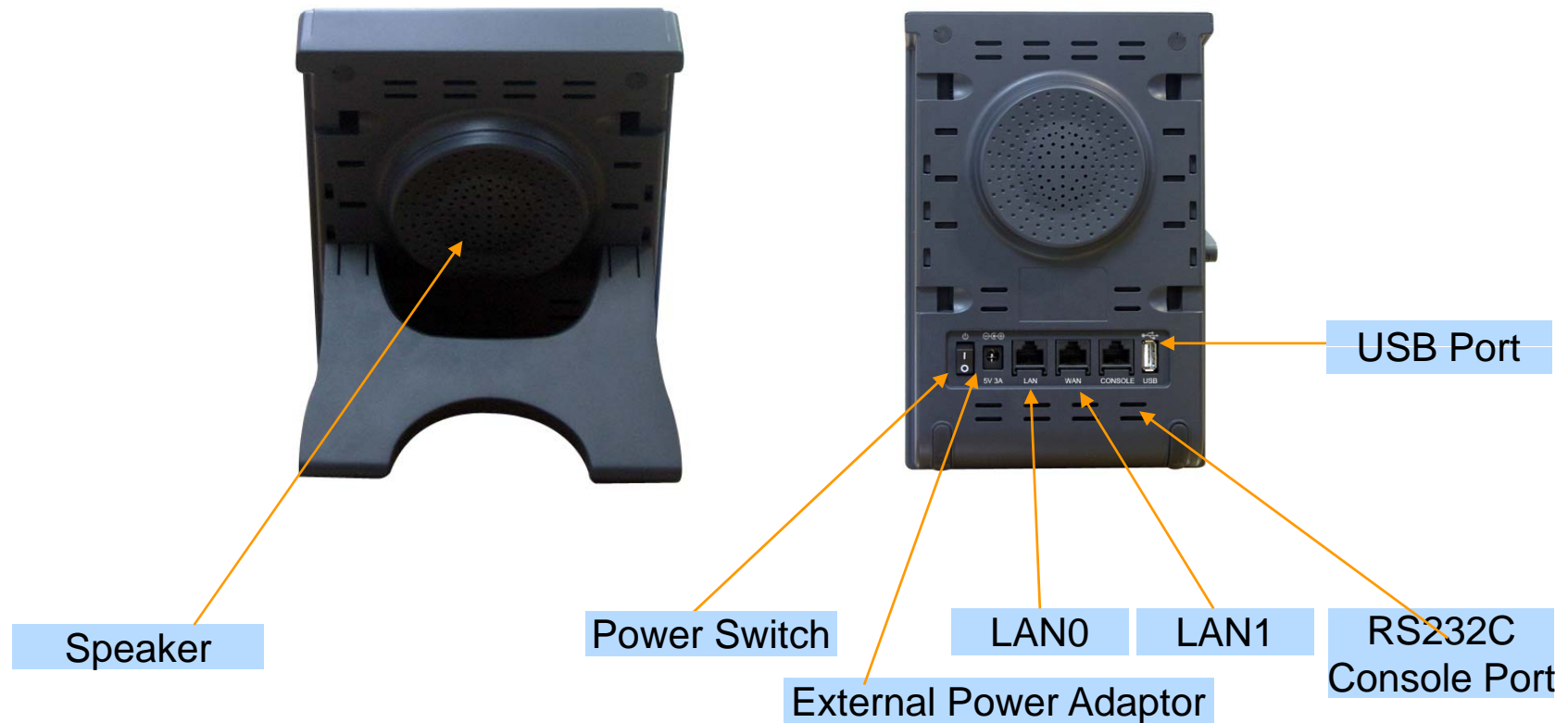AP-PT20 IP Extend Key Pack

Front Side

Power ON LAMP

User Presence Indication LED

Speed-Dial Key

Name Plate

Hardware Specification

RISC CPU

Back Side

Speaker

Power Switch

External Power Adaptor

LAN0

LAN1

RS232C Console Port

USB Port

Smart Attendant Console

Contents

- Smart Attendant Console Overview

- Smart Attendant Console Structure

- Smart Attendant Console System Diagram

- Smart Attendant Console Feature

- Smart Attendant Console UI
  - Main Screen Feature
  - Monitoring Screen and Feature
  - Broadcasting Screen and Feature
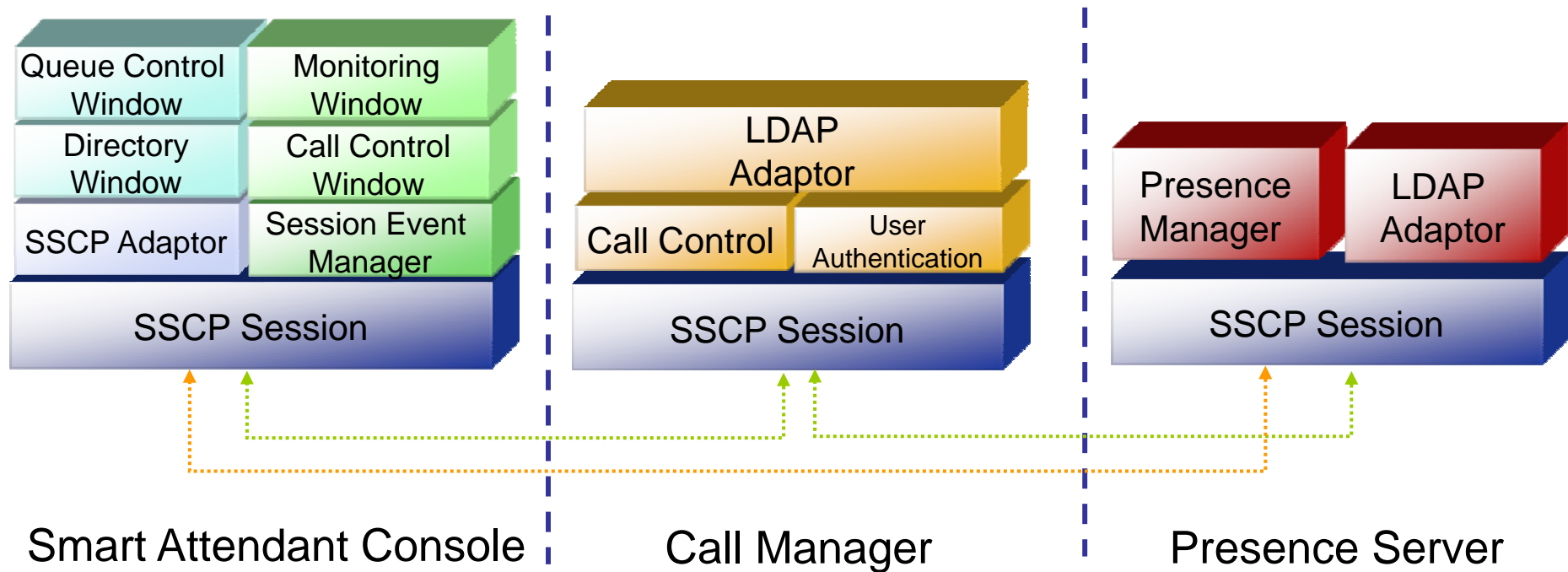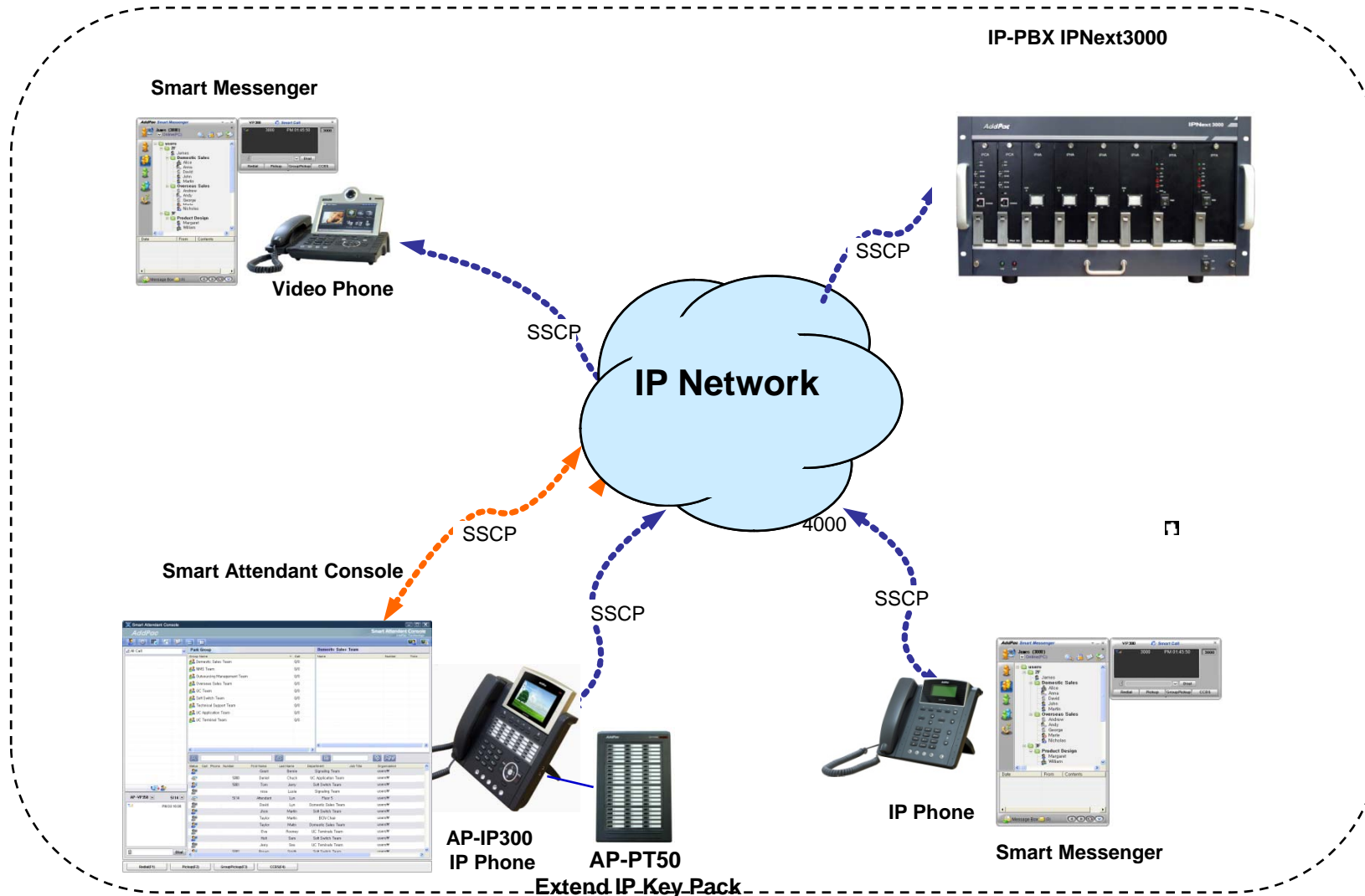 - Fire Alerting Screen And Feature

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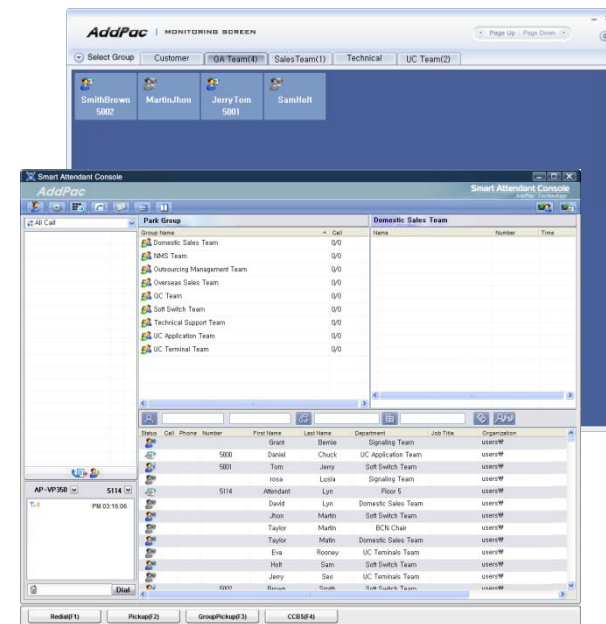
Overview

Support Efficiently Call Routing and Smart Presence Service

- Smart Attendant Console Function
  - Support Call Routing Service
  - Support Directory Search
  - Support User Presence Information
  - Support Phone Number Presence Information
  - Interoperation with Directory and Smart Attendant Console
  - Support Smart Call Control and Additional Service Control
  - Support Longest Wait Time based Incoming Call Process
  - Support Private Phone Book
  - Support Drag and Drop Call Control Service
  - Support Remote Broadcasting Control Feature

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Structure

Smart Attendant Console

- Queue Control Window
- Monitoring Window
- Directory Window
- Call Control Window
- SSCP Adaptor
- Session Event Manager
- SSCP Session

Call Manager

- LDAP Adaptor
- Call Control
- User Authentication
- SSCP Session

Presence Server

- Presence Manager
- LDAP Adaptor
- SSCP Session

System Diagram

IP-PBX IPNext3000

Smart Messenger

Video Phone

SSCP

SSCP

IP Network

SSCP

4000

Smart Attendant Console

SSCP

SSCP

AP-IP300
IP Phone

AP-PT50
Extend IP Key Pack

IP Phone

Smart Messenger

Service Features

- **Smart Login Service**
  - User Login and Logout Feature

- **Queue Call Control Feature**
  - Wait Time Based Call Answer
    - Longest Wait Call Answer
  - Show Incoming Call by Call Type
    - Internal Call Show
    - External Call Show
    - Show All Call
  - Display Call Status Icon for Waiting Time
    - Call Busy, Call Wait Alerting, Call Wait Warning
    - User Configure the Wait Status Time

Service Features

- **Additional Call Service**
  - Park Group Monitoring
    - Show Park Group Call Status for All Park Group
    - Show Detail Park Group Call List for Specify Park Group
    - Call Group Park, Park Group Call Pickup
    - Display Call Status Icon for Waiting Time
      - Call Busy, Call Wait Alerting, Call Wait Warning
      - User Configure the Wait Status Time

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Service Features

- **Additional Call Service**
  - Phone Book Feature
    - Group Create, Modify, Delete
    - Contact Add, Delete, Modify
    - Common Feature
      - Dial
      - View Detail Contact Information
      - Send e-mail
    - Dial, Send e-mail Using Phone Book
    - Private Contacts Managing Feature
    - Detail Contact Information View

  - Support Emergency / Night Mode (ToDo)
    - Configure Emergency Voice Content and Enable/Disable Emergency Mode
    - Enable/Disable Night Mode

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Service Features

- **Broadcasting Service**
  - Support Broadcasting Control Feature
    - Easy to Start/Stop Broadcasting
    - Show Broadcasting Group Status
    - Set Broadcasting Volume
  - Support User Friendly Design

- **Fire Alerting Service**
  - Automatic Fire Alerting Broadcasting
  - Show Fire Alerting Status

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Thank you!

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