

# Mobile Hybrid IP-PBX Solution



**AddPac**

**AddPac Technology**

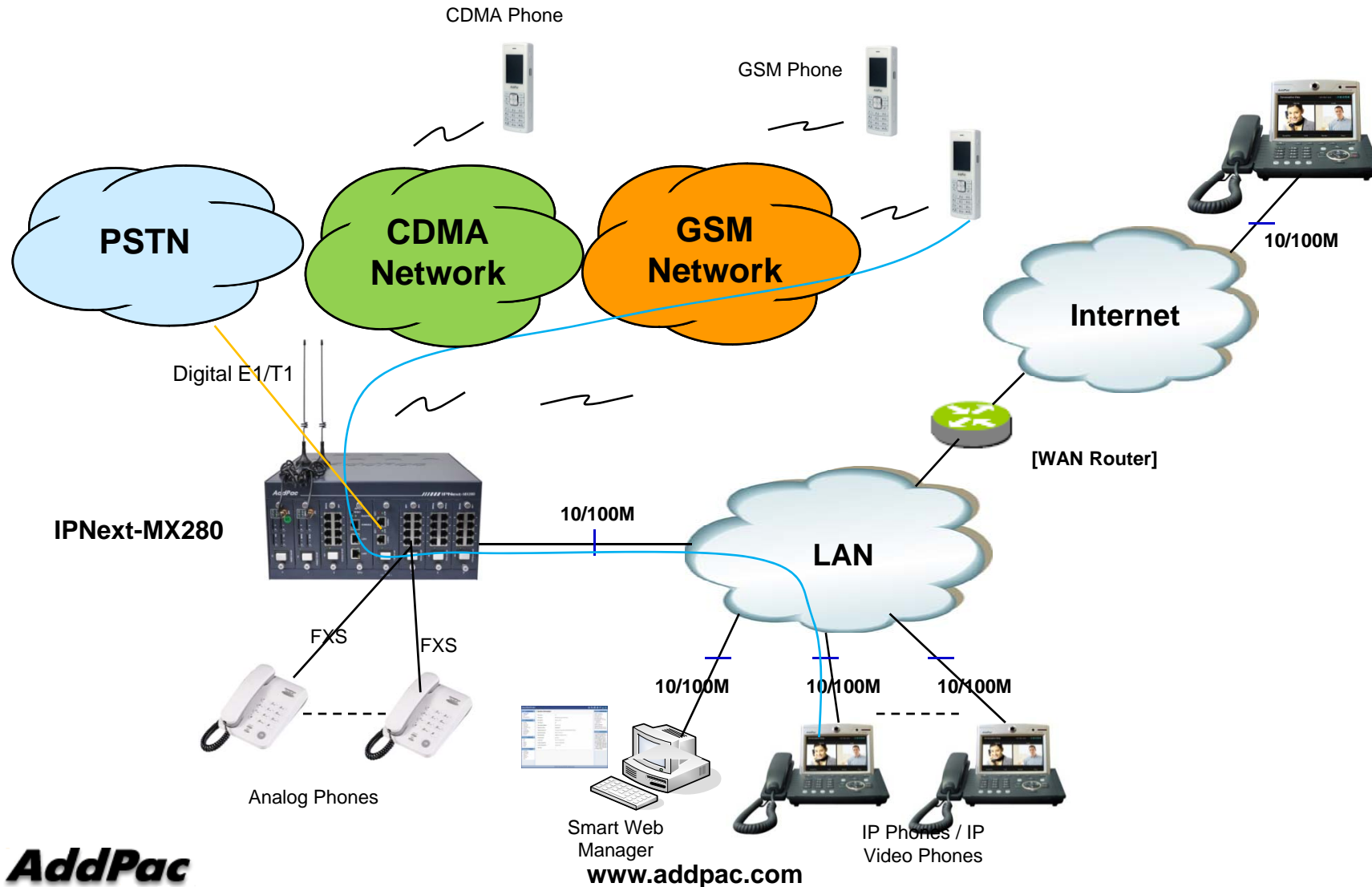
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# Contents

- Mobile Hybrid IP-PBX Service Diagram
- Mobile Hybrid IP-PBX Comparison Table
- Mobile Hybrid IP-PBX Series
  - IPNext-MX280 Hybrid IP-PBX
  - IPNext-MX260 Hybrid IP-PBX
  - IPNext-MX250 Hybrid IP-PBX
- Mobile, PSTN Voice Interface Modules for IPNext MX series
- AddPac IP Terminals, Soft Phone, Smart Messenger
- IP Video Phones for Mobile Hybrid IP-PBX
- IP Phones for Mobile Hybrid IP-PBX
- SMM (Smart Multimedia Manager) for Mobile Hybrid IP-PBX

# Mobile Hybrid IP-PBX Service Diagram



# Mobile Hybrid IP-PBX Comparison Table

Model		IPNext-MX280	IPNext-MX260	IPNext-MX250
Service Features				
Registration User Number		300	200	150
Concurrent Call User Number		100	70	50
IPv4/IPv6 Dual Stack Support		Support	Support	Support
VoIP Signaling	Internal	SIP	SIP	SIP
	External	H.323/SIP	H.323/SIP	H.323/SIP
Powerful IVR, UMS, Media Service, User Presence Service		Support	Support	Support
RTP Proxy Service (IPv6, Private IP)		Support	Support	Support
LAN Port		2	2	2
VoIP Module Slots for Mobile, PSTN		7 Slots	5 Slots	4 Slots
Mobile Interface				
VoIP Interface		FXS, FXO,E&M, E1/T1	FXS, FXO,E1/T1	FXS,FXO,E&M,E1/T1

# Mobile, PSTN Voice Interface Modules for IPNext MX series

## PSTN VoIP Modules

**AP-N1-FXS8** 8-Port FXS Module



**AP-N1-FXO8** 8-Port FXO Module



**AP-N1-FXS4O4** 4-Port FXS&4-Port FXO Module



**AP-N1-E1** 1-Port Digital E1/T1 Module



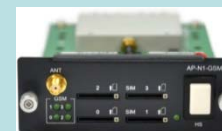
**AP-N1-2E1** 2-Port Digital E1/T1 Module



# Mobile, PSTN Voice Interface Modules for IPNext MX series

## Mobile VoIP Modules

**AP-N1-GSM4** 4-Port GSM Module



**AP-N1-CDMA4** 4-Port CDMA Module



**AP-N1-3G4** 4-Port 3G Module





# IPNext-MX280 Mobile Hybrid IP-PBX

# Main Features

## IPNext-MX280 Mobile Hybrid IP-PBX

- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Small&Medium Office
- Seven(7) Module Slots for Mobile, PSTN Voice Interface
- PSTN Interface (FXO, FXS, Digital E1/T1) Support
- **GSM/CDMA/3G/Bluetooth Interface Support**
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- IVR Service with Scenario Editor
- Voice Mailing Service
- Presence Service for High-End IP Phone, Video Phone, UC
- RTP Proxy Service for Private IP service
- SIP, H.323 Signaling for Outbound Calls
- Various Call Scenario (Call Pickup, Call Park, Call Transfer, etc)
- Various IP Multimedia Terminal Support



# Hardware Specification

IPNext-MX280 Mobile Hybrid IP-PBX

RISC  
CPU

High-end  
DSP

- **RISC Microprocessor Computing Power**
- **Main Chassis**
  - **CPU Module**
    - Two(2) 10/100Mbps Fast Ethernet
    - One(1) RS-232C Console (RJ45)
  - **Seven(7) VoIP Module Slots**
    - PSTN Interface : FXS, FXO, Digital E1/T1
    - Mobile Network Interface : GSM, CDMA, 3G, Bluetooth
  - **Hot-Swap VoIP Module**



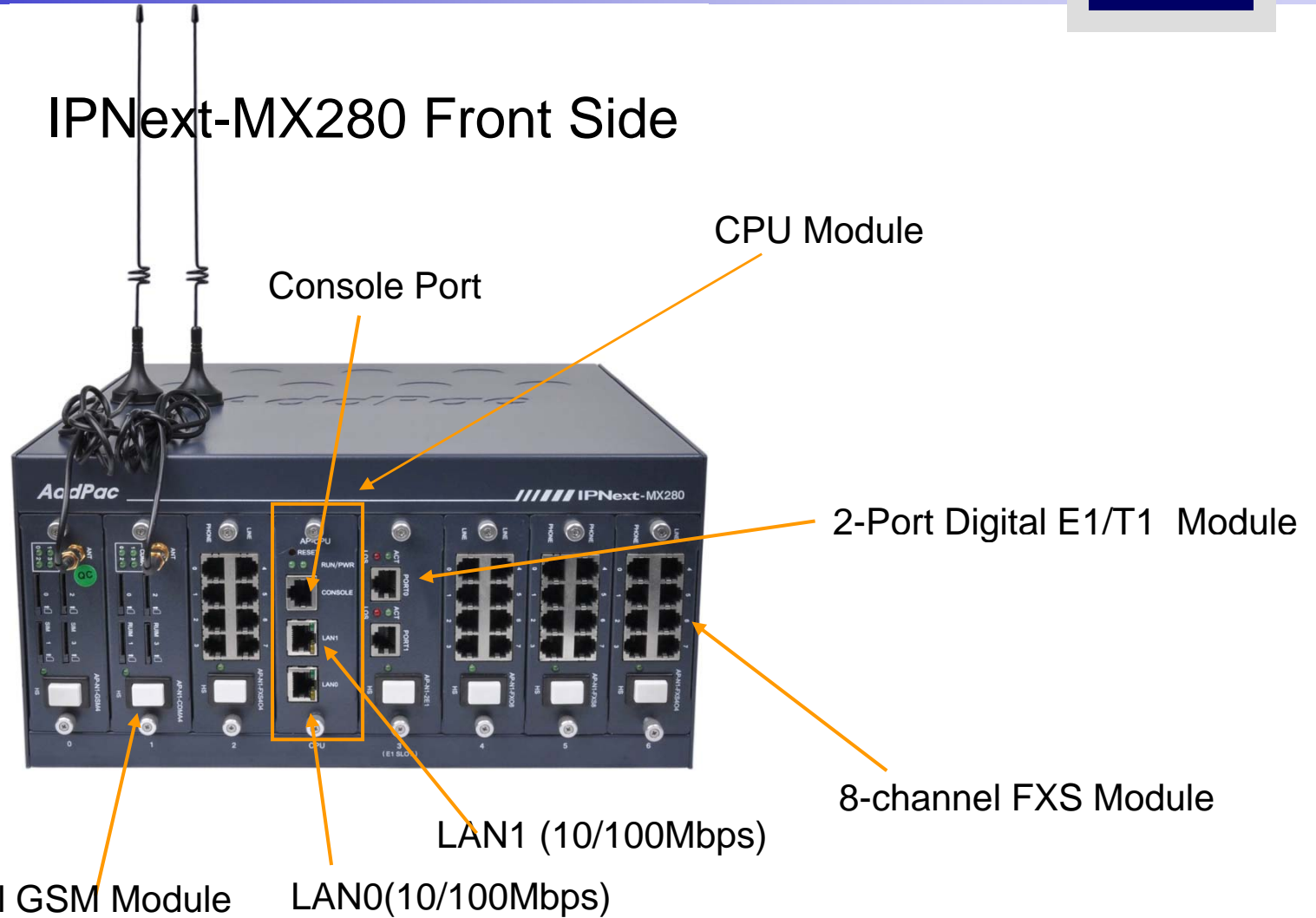
# Hardware Specification

IPNext-MX280 Mobile Hybrid IP-PBX

RISC  
CPU

High-end  
DSP

## IPNext-MX280 Front Side



# Hardware Specification

IPNext-MX280 Mobile Hybrid IP-PBX

RISC  
CPU

High-end  
DSP

## IPNext-MX280 Back Side





# IPNext-MX260 Mobile Hybrid IP-PBX

# Main Features

## IPNext-MX260 Mobile Hybrid IP-PBX

- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Small&Medium Office
- Five(5) Module Slots for Mobile, PSTN Voice Interface
- PSTN Interface (FXO, FXS, Digital E1/T1) Support
- **GSM/CDMA/3G/Bluetooth Interface Support**
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- IVR Service with Scenario Editor
- Voice Mailing Service
- Presence Service for High-End IP Phone, Video Phone, UC
- RTP Proxy Service for Private IP service
- SIP, H.323 Signaling for Outbound Calls
- Various Call Scenario (Call Pickup, Call Park, Call Transfer, etc)
- Various IP Multimedia Terminal Support

# Hardware Specification

IPNext-MX260 Mobile Hybrid IP-PBX

RISC  
CPU

High-end  
DSP

- **RISC Microprocessor Computing Power**
- **Main Chassis**
  - **CPU Module**
    - Two(2) 10/100Mbps Fast Ethernet
    - One(1) RS-232C Console (RJ45)
  - **Five(5) VoIP Module Slots**
    - PSTN Interface : FXS, FXO, Digital E1/T1
    - Mobile Network Interface : GSM, CDMA, 3G, Bluetooth
  - **Hot-Swap VoIP Module**



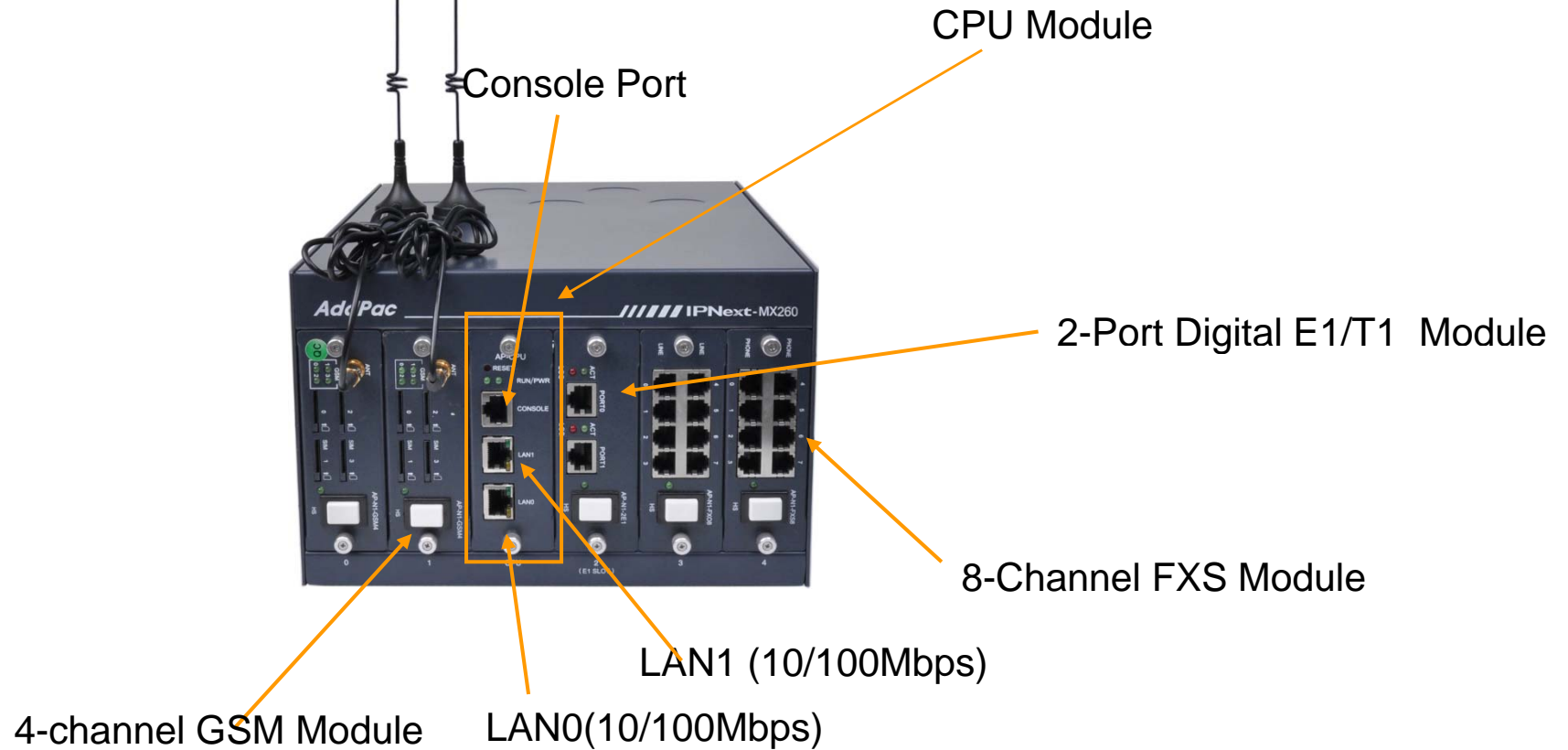
# Hardware Specification

IPNext-MX260 Mobile Hybrid IP-PBX

RISC  
CPU

DSP

## IPNext-MX260 Front Side



# Hardware Specification

IPNext-MX260 Mobile Hybrid IP-PBX

RISC  
CPU

DSP

IPNext-MX260 Back Side







# IPNext-MX250 Mobile Hybrid IP-PBX

# Main Features

## IPNext-MX250 Mobile Hybrid IP-PBX

- IP based Advanced Mobile IP-PBX Solution
- IPv4/IPv6 Multimedia Telephony Solution for Small&Medium Office
- Four(4) Module Slots for Mobile, PSTN Voice Interface
- PSTN Interface (FXO, FXS, Digital E1/T1) Support
- **GSM/CDMA/3G/Bluetooth Interface Support**
- Powerful Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- IVR Service with Scenario Editor
- Voice Mailing Service
- Presence Service for High-End IP Phone, Video Phone, UC
- RTP Proxy Service for Private IP service
- SIP, H.323 Signaling for Outbound Calls
- Various Call Scenario (Call Pickup, Call Park, Call Transfer, etc)
- Various IP Multimedia Terminal Support

# Hardware Specification

IPNext-MX250 Mobile Hybrid IP-PBX

RISC  
CPU

High-end  
DSP

- **RISC Microprocessor Computing Power**
- **Main Chassis**
  - **Two(2) 10/100Mbps Fast Ethernet**
  - **One(1) RS-232C Console (RJ45)**
  - **Five(5) VoIP Module Slots**
    - PSTN Interface : FXS, FXO, Digital E1/T1
    - Mobile Network Interface : GSM, CDMA, 3G, Bluetooth
  - **Hot-Swap VoIP Module**

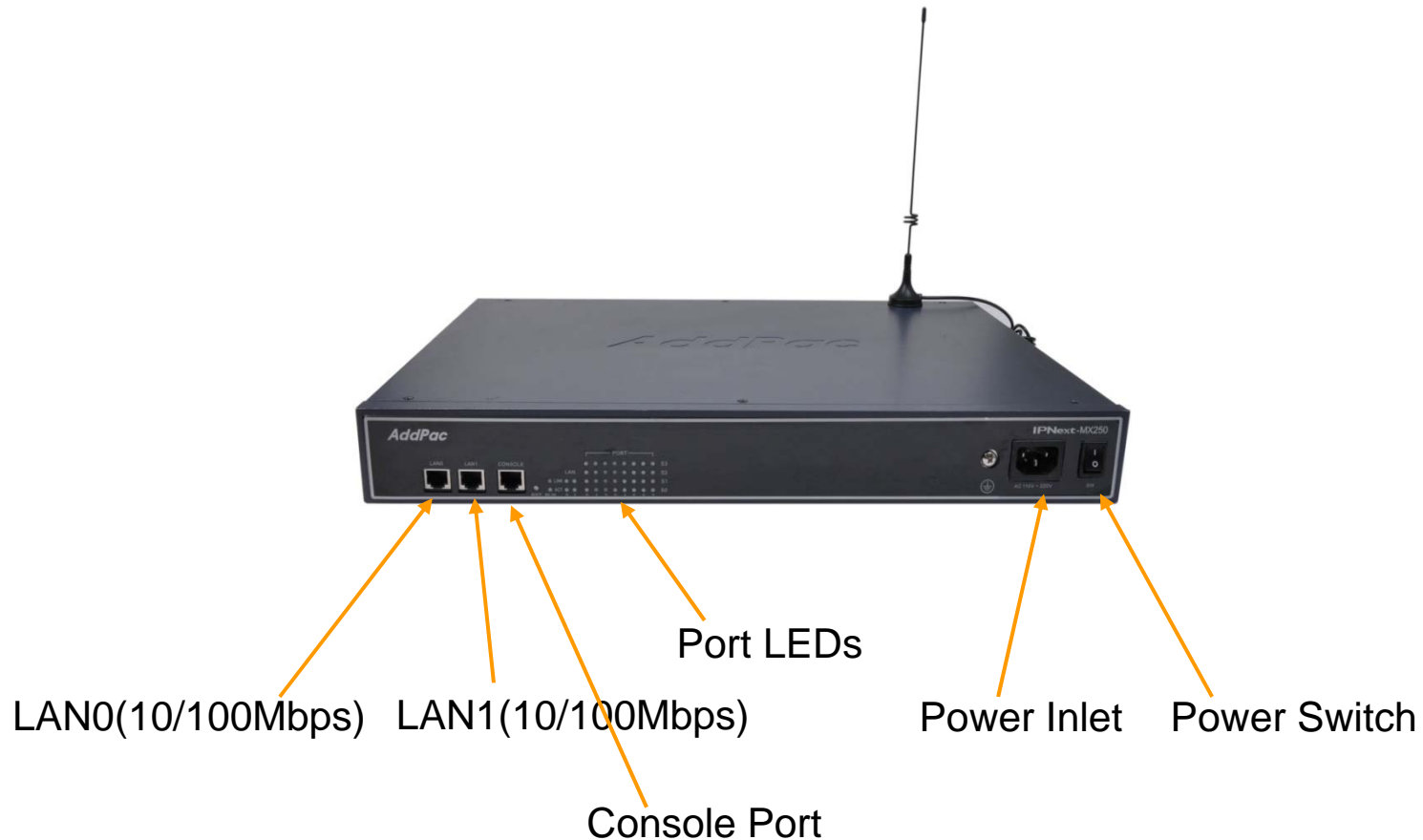


# Hardware Specification

RISC  
CPU

High-end  
DSP

## IPNext-MX260 Front Side



# Hardware Specification

RISC  
CPU

High-end  
DSP

## IPNext-MX260 Back Side



4-channel GSM Module

8-Channel FXS Module



# AddPac IP Terminals

# AddPac IP Terminals

- AP-VP500 Video Phone
- AP-VP350 MCU Video Phone
- AP-VP300 Video Phone
- AP-VP280 Video Phone
- AP-VP250 Video Phone
- AP-VP230 Video Phone
- AP-VP150 Video Phone
- AP-VP120 Video Phone
- AP-IP300 IP Phone
- AP-IP250 IP Phone
- AP-IP230 IP Phone
- AP-IP160 IP Phone
- AP-IP120 IP Phone
- AP-IP90 IP Phone
- AP-WP100 Wi-Fi Phone
- AP-SMP100 Soft Phone



AP-VP500



AP-VP300



AP-VP150



AP-WP100



AP-VP120



AP-IP300



AP-IP230



AP-IP160











AP-IP120



# IP Video Phones for Mobile Hybrid IP-PBX




# IP Video Phones for Mobile IP-PBX

	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	Support	Support	Support	Support	Support



# IP Phones for Mobile Hybrid IP-PBX

# IP Phones for Mobile IP-PBX

	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(Optional)	Support	Support	Support	Support	Support	Support
FXO(Optional)	Support	Support	Support	Support	Support	Support

# IP Wifi Phone

- Wi-Fi IP Phone Solution
- Various Call Scenario Support (IP-PBX)
- State-of-art SIP Signaling
- IEEE802.11b/g up to 54Mbps
- WPA(Wifi Protected Access), 802.11i Security Standard
- Wi-Fi IP Audio Broadcasting Terminal Solution
- External Audio In/Out Port for Headset
- Firmware Upgradeable Architecture
- VoIP Solution with Outstanding Network Service Capability
- Audio Privacy Protection



# Smart Communicator

## AP-SMP100 Soft Phone (Video/Voice)

- MS-Window based Soft-Phone
- Smart Multimedia (Video/Voice) Soft-Phone
- IP Real-time Audio/Video Broadcasting Terminal Solution
- Built-In Smart Messenger Function
- Up to 30fps with VGA-Resolution(MPEG-4)
- Video Conference Call Support (AddPac External MCU Inter-working)
- Advanced Voice/Video Traffic QoS
- SIP, H.323\* Signaling Support
- Support Various Call Signal via AddPac IP-PBX Inter-working



# Smart Messenger

- MS-Window based Application
- Support Messenger Service
- Support Various Address Book
- Support User Presence Information
- Support User Search Feature
- Interoperation with Address Book and Smart Phone
- Support Smart Phone Control and Setup
  - Call Control and Forward Setup
- Support Unified Message Box
  - Voice Mail Box
  - Short Message Box



AP-VP300



AP-VP280



IPNext-MX280  
IP-PBX



Smart Messenger

# Smart Window(1/2)

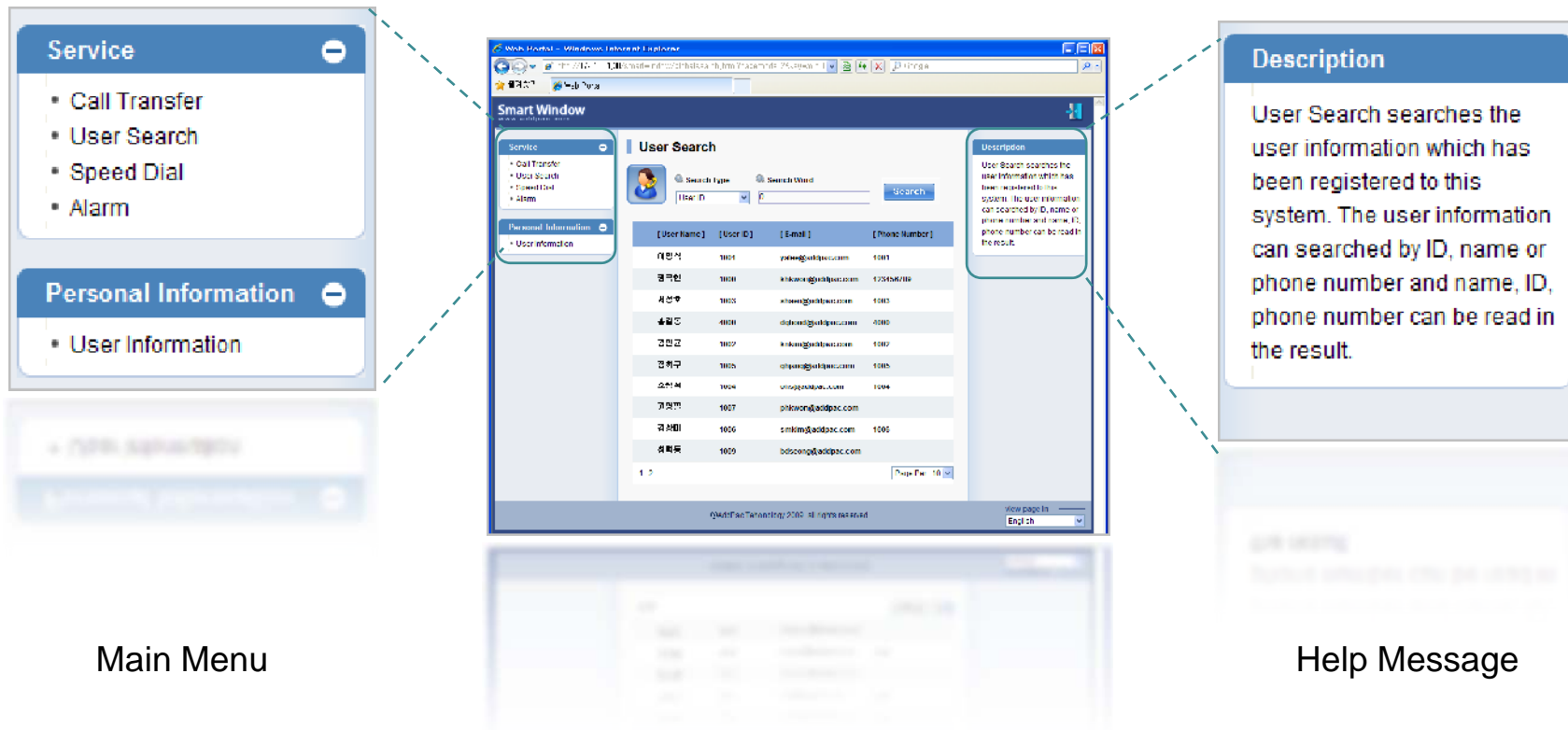
Smart Window is simple web based personal information management program for IP-PBX, Call Manager, etc.

## Service Features

- User Information
  - Personal information configuration
- Alarm
  - Alarm event configuration
- User Search
  - User search using search keyword
- Call Forwarding
  - Call forwarding configuration
- Speed Dial
  - Speed dial configuration
- Conference\*
  - Configuration of audio, video multiparty conference

# Smart Window (2/2)

Main Layout of Smart Window consists of Menu, Contents, Help Message, etc.







# Thank you!

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