



# IPNext180™

## IP-PBX for SMB

High-performance Next Generation IP-PBX Solution

New Models for Voice  
Recording Extension

Preliminary Product Overview

(Without notice, following described technical spec. & Body Color (CASE) can be changed)



**IPNext180R**

# **AddPac**

**AddPac Technology**

2010, Sales and Marketing

[www.addpac.com](http://www.addpac.com)

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# IPNext180R Product Overview

- Powerful IP-PBX for SMB
- Smart Management and User Friendly Features
- Fault Tolerant and Scalability Architecture
- RTP Proxy Service
- IVR Service
- User Presence Service
- Media Service : Ring back Tone, Music on Hold, Announcement, etc
- Unified Messaging Service : Voice Mail, etc
- **Voice Recording Service**
- Firmware Upgradeable Architecture
- Two(2) Fast Ethernet Interface
- Two(2) VoIP Module Slots for PSTN
- One(1) RS-232C Port for CLI



# IPNext180R H/W Specification





- IPNext180 Embedded Platform
- Voice Interface
  - Two(2) Module Slots for PSTN Interworking
- RISC Microprocessor Computing Power
- Memory Extension (**2G Flash Memory**) for Voice Recording
- Voice Codec
  - G.711, G.726, G.729, G.723.1
- Main Chassis
  - One(1) RS-232C Console (RJ45)
  - Two(2) Fast Ethernet Port
  - Internal Power Supply

# IPNext180R H/W Specification

64bit  
CPU

Audio  
Codec

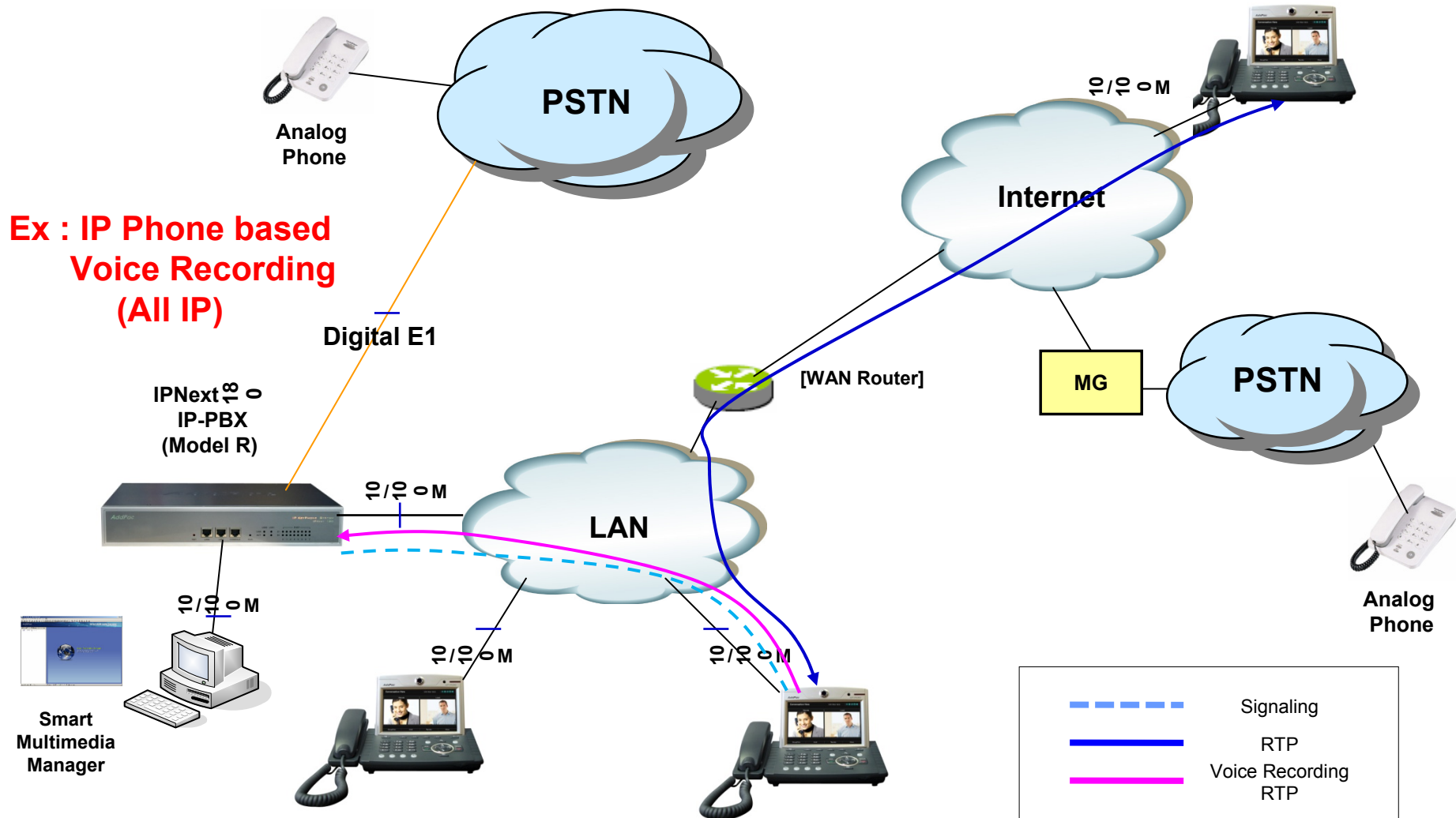
- **VoIP Interface Module**

AP-N1-FXS8	 A black 8-port FXS voice processing module with RJ11 ports and a handset icon.	8-Port FXS Voice Processing Module (8 x RJ11)
AP-N1-FXO8	 A black 8-port FXO voice processing module with RJ11 ports and a handset icon.	8-Port FXO Voice Processing Module (8 x RJ11)
AP-N1-FXO4S4	 A black 8-port voice processing module with 4 FXO and 4 FXS ports, and a handset icon.	4-Port FXO and 4-Port FXS Voice Processing Module (8 x RJ11)
AP-N1-E1T1	 A black 1-port VoIP digital E1/T1 interface module with an RJ45 port and a handset icon.	1-Port VoIP Digital E1/T1 Interface Module(1xRJ45)

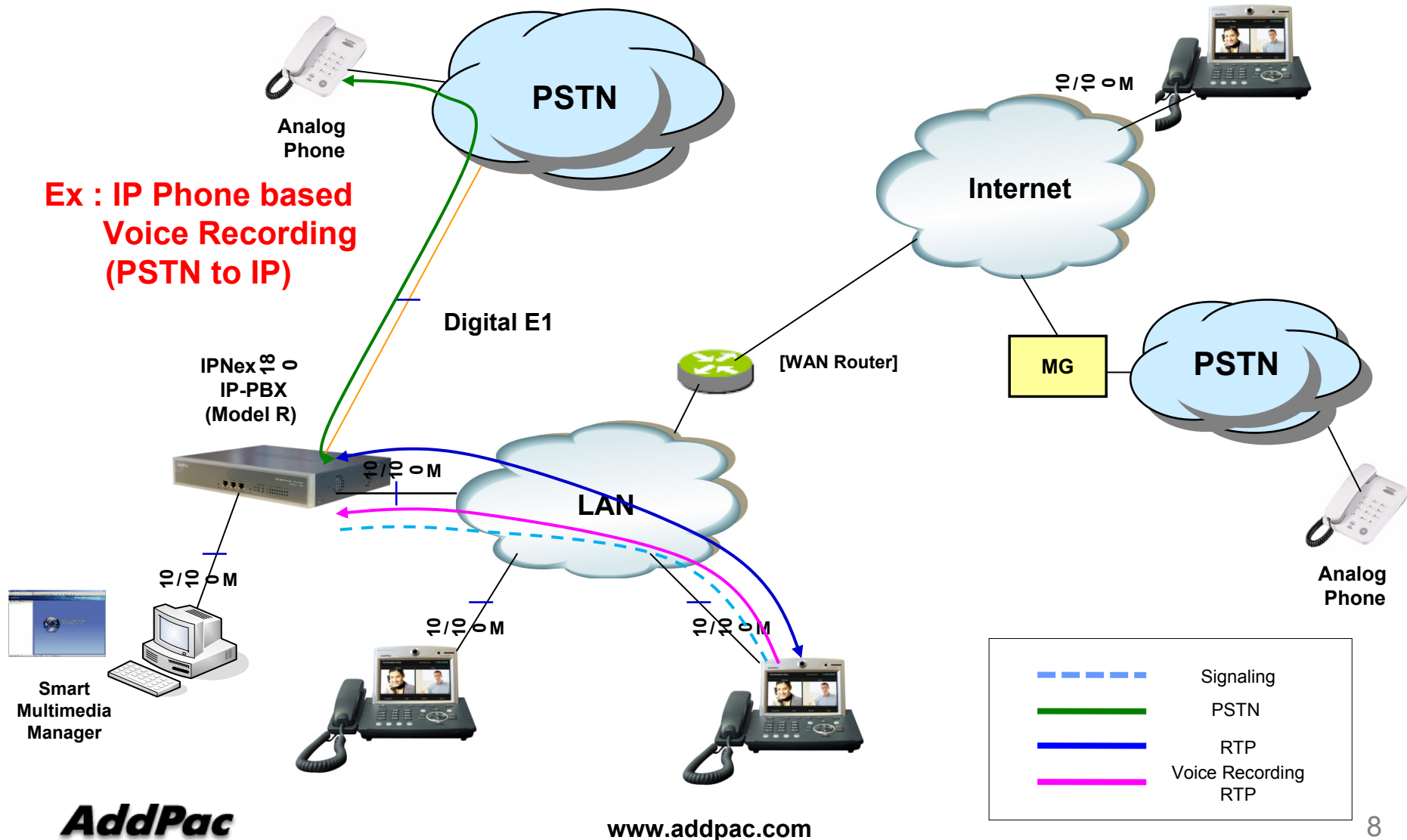
# IPNext180R Voice Recording Service

- IP based Voice Recording Service
  - IP Phone Voice Recording Support
  - Call Manager(RTP Proxy) based Voice Recording Support
- IP Phone Voice Recording Service using Function Key
- Web based Personal Smart Window
  - Monitoring Voice Recording Storage Quota
  - Play Recorded File using IP Phone
  - Browsing Recorded File by Smart Window
  - Recorded Files Backup and Restore

# IPNext180R Network Diagram (ex.)

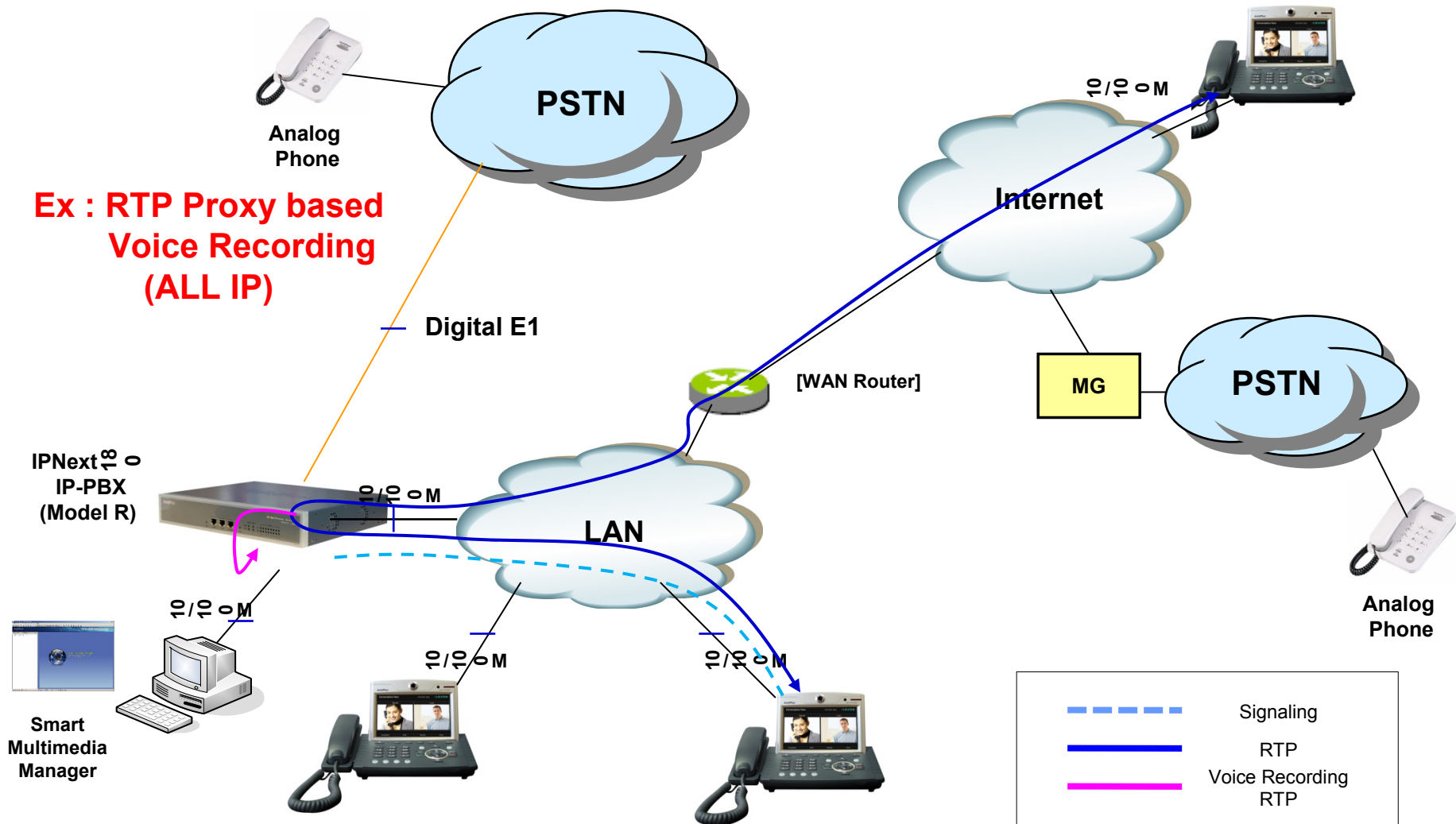


# IPNext180R Network Diagram(ex.)





# IPNext180R Network Diagram(ex.)



# Personal Smart Window Interface



The screenshot shows the AddPac website's user login page. At the top left, the logo "AddPac" and the URL "www.addpac.com" are displayed. The main header area features a grid of images with the text "Smart Window" and a subtitle: "Web Portal for IP multimedia telephony solution High Performance & Powerful Smart Network Management System". To the right of this header is a "USER LOGIN" section with a lock icon. It contains two input fields: "USER ID" and "PASSWORD", each with a blue checkmark icon to its left. A black "Login" button is positioned to the right of the password field. At the bottom right of the page, there is a "view page in" section with a dropdown menu currently set to "English".

Log in

# Personal Smart Window Interface

The screenshot displays the 'Smart Window' interface with the following components:

- Header:** 'Smart Window' logo and 'www.addpac.com'.
- Left Sidebar:**
  - Service:** Call Transfer, User Search, Speed Dial, Alarm.
  - Personal Information:** User Information.
- Main Content Area:**
  - Call Transfer Setup:**
    - Forward line : 4000 (checkbox)
    - Radio buttons for: The Number to be Transferred (selected), Voice Mail, User Absent Message.
    - Instructions: To enable Call Transfer for the extension number; Choose one of the number to be transferred, voice mail or user absent message.
    - Apply button.
  - Description:** Call Transfer either passes an incoming call to another designated user, leaves a message by e-mail or notifies to the caller by playing a user absent message. This feature can be enabled by setting each number and sets up forward, e-mail and user absent message.
  - Personal Quota:**

RBT	UMS	REC
10%	50%	40%

A red arrow points from the text 'Personal Storage Quota Information (Configured by Smart Multi-Media Manager)' to the 'Personal Quota' table.

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# Personal Smart Window Interface

## Recording File Search Result

Calling Num ▼ 9000 Search

	Calling Number	Called Number	Recording Start Time	Recording End Time	Duration (sec)	Play
<input type="checkbox"/>	9000	5000	2010/03/17 09:50:45	2010/03/17 09:51:45	60	<a href="#">Play</a>
<input checked="" type="checkbox"/>	9000	3000	2010/03/18 09:00:12	2010/03/17 09:00:45	33	<a href="#">Play</a>
<input checked="" type="checkbox"/>	9002	9000	2010/03/18 10:50:12	2010/03/17 10:55:12	300	<a href="#">Play</a>
<input type="checkbox"/>	9005	9000	2010/03/18 15:12:03	2010/03/18 15:12:13	10	<a href="#">Play</a>
<input type="checkbox"/>	9006	9000	2010/03/19 01:10:23	2010/03/19 01:11:10	47	<a href="#">Play</a>

[1] [2] [3] ... [Next]

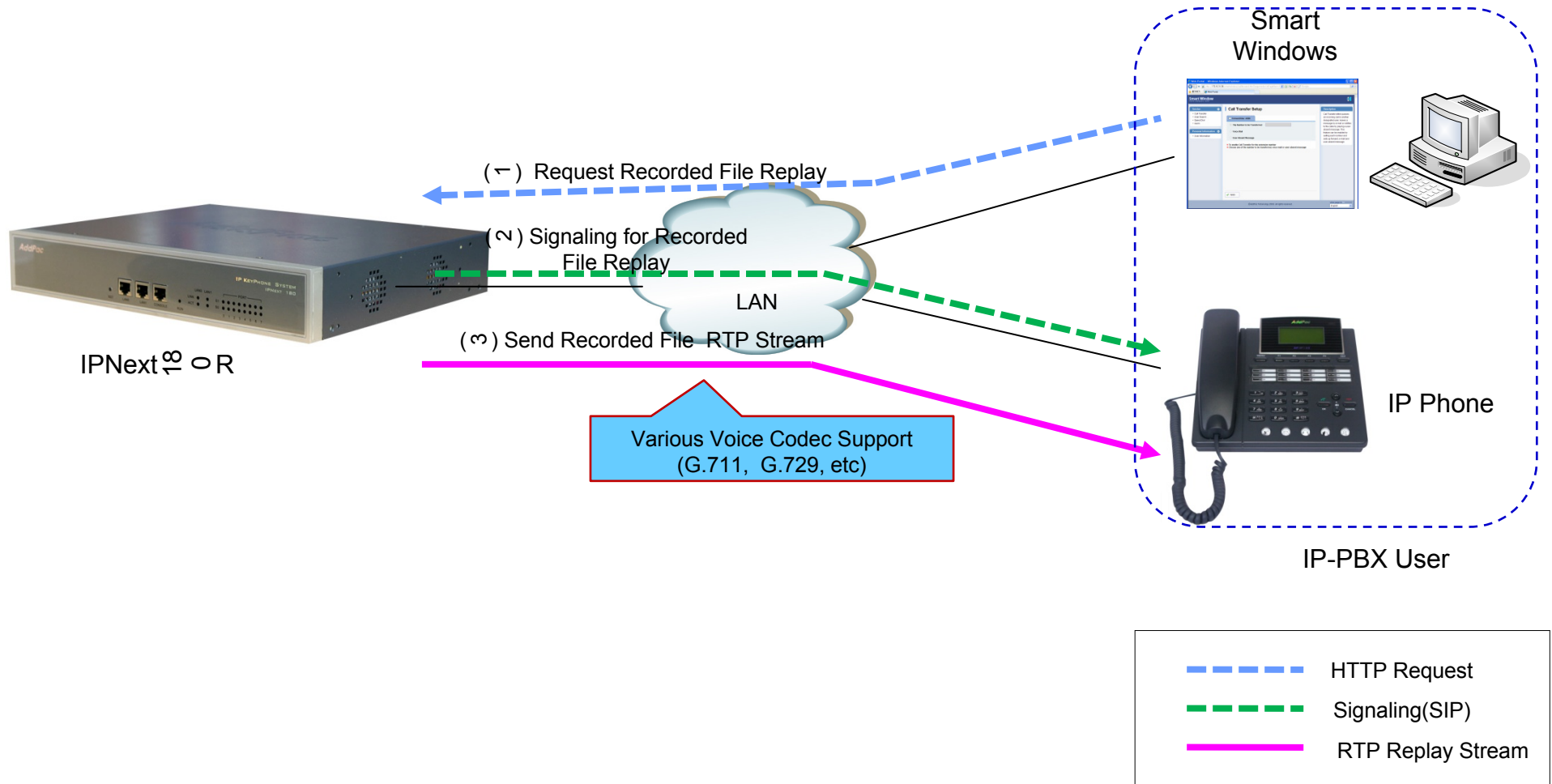
Backup

Powerful Recording Search  
\* calling number  
\* called number  
\* date  
\* call identifier, etc

Recording Play using IP Phone

Recording Backup  
\* selected files from recording server to PC storage

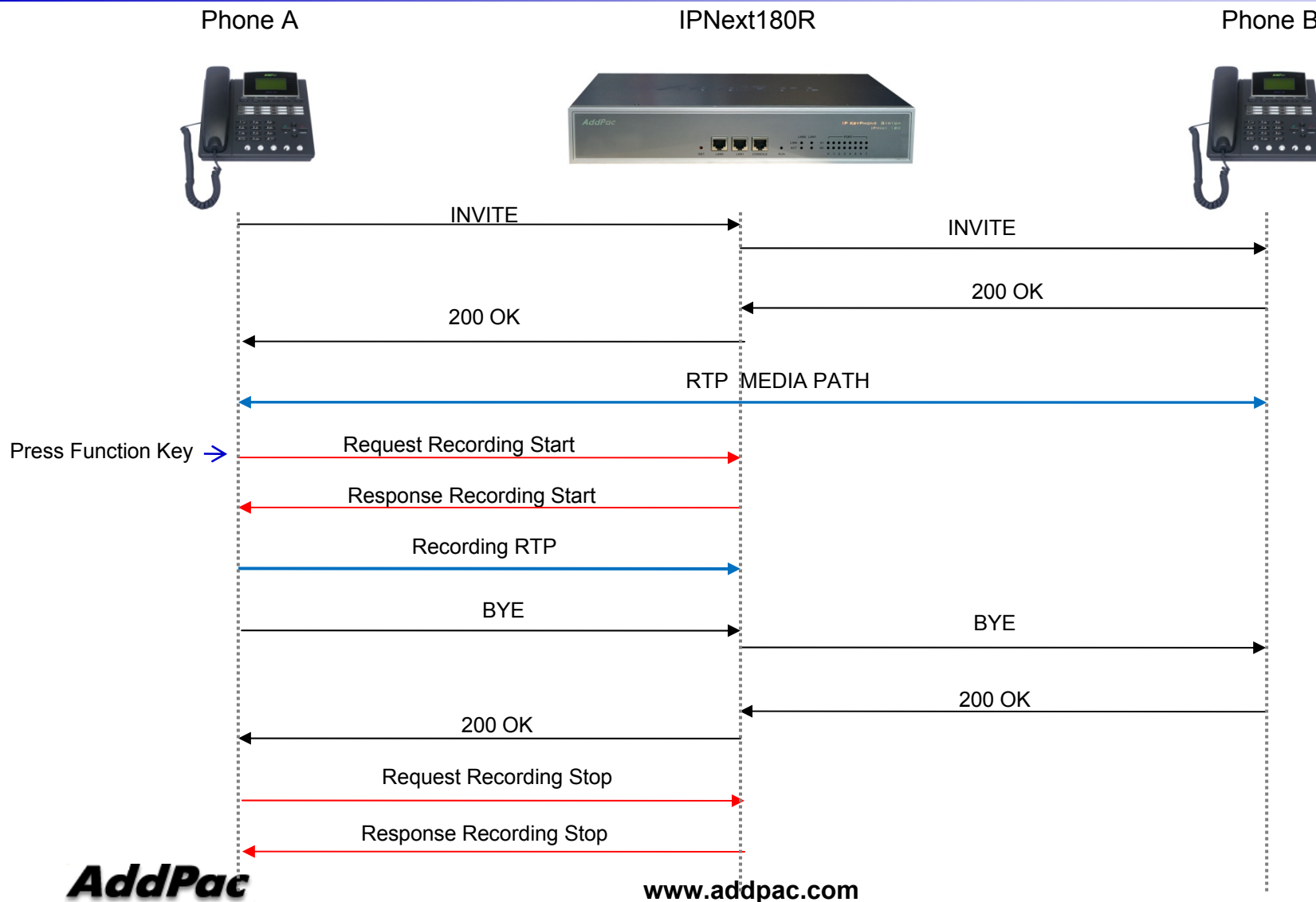
# Recorded File Replay with IP Phone



# AddPac Voice Recording Solution Comparison

Service Category	Service Features	AP-NR500/700 Voice Recording Server Features	IPNext180R Voice Recording Service Features
Performance	Concurrent Capacity	32Ch/64Ch	5Ch~
	Memory	HDD	Flash Memory
Recording Configuration	IP Phone based Personal Voice Recording	O	O
	Call Manager (RTP Proxy) based Voice Recording	O	O
	VoIP Gateway Recording	O	N/A
Replication	RTP Stream Replication	O	O
	Auto Replication	O	X
Voice Codec	G711u,G711a,G729	O	O
	Transcoding(Other Codec)	O	X
Admin/Client Tool	DVoiceR Manager Program Support	O	X
	Web based Personal Smart Window	O	O
	SMM Support	O	O
	Recording Play with IP Phone	O	O

# Signal Flow Diagram for Voice Recording Service





# Thank you!

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