

# IPNext210™

## Hybrid IP-PBX System

High-performance Next Generation Hybrid IP-PBX Solution

### Web based Smart Multimedia Manager



IPNext210

# **AddPac**

**AddPac Technology**

2011, Sales and Marketing

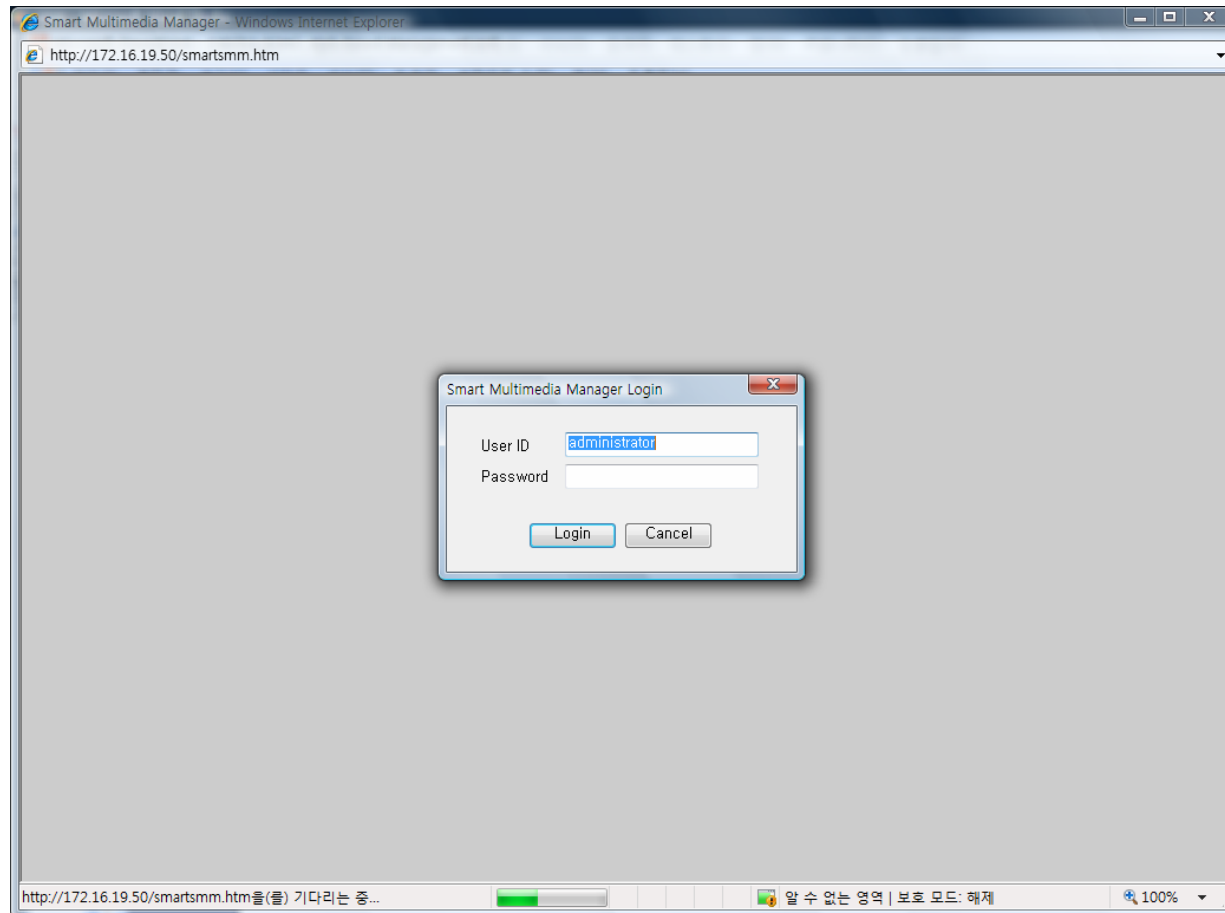
[www.addpac.com](http://www.addpac.com)

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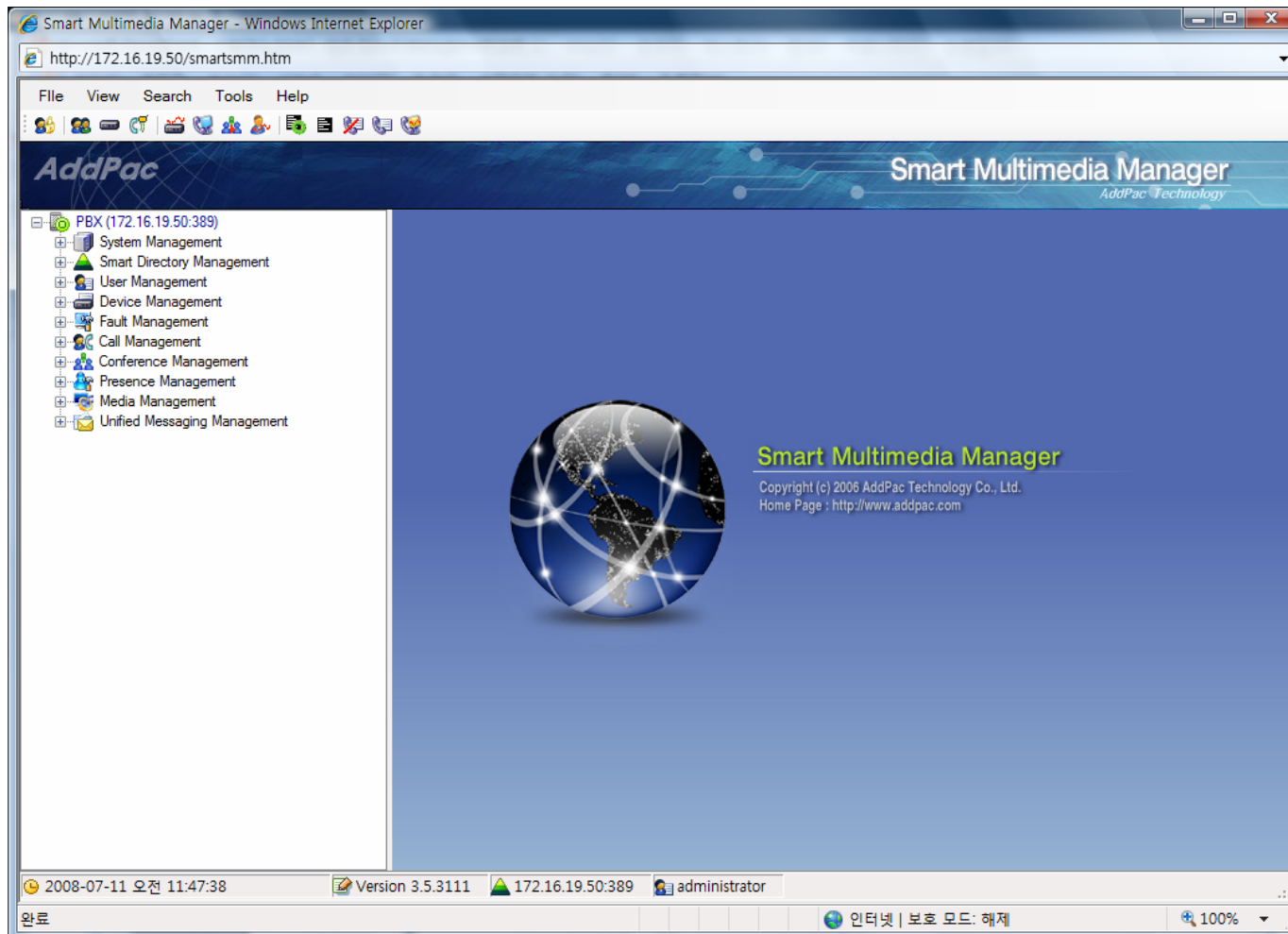
- Login
- Main Screen
- Menu Structure
- System Information
- Network
- Service
- VoIP Interface
- System Monitoring
- User Management
- Device Management
- Call Management
- Conference Management
- User Presence Service Management
- Media Service Management
- UMS Service Management



# Login



# Main Screen



# Menu Structure

The screenshot displays the Smart Multimedia Manager web interface. The left sidebar contains a tree view of the menu structure. Two callout boxes are present:

- System Management:** Provide the configuration and setting about System Information, Network, Service, VoIP Interface of IP-PBX
- Call Management:** Management function depend on license policy of IP-PBX, support the Call Management, Conference Management, Presence Management, Media Management, Unified Messaging Management

The main content area features a globe graphic and the text: "Smart Multimedia Manager", "Copyright (c) 2006 AddPac Technology Co., Ltd.", and "Home Page : <http://www.addpac.com>".

# System Information

The screenshot displays the 'System Information' page of the AddPac Smart Multimedia Manager. The interface includes a navigation tree on the left, a main content area with system details, and several summary tables at the bottom.

Name	Value
System Model	IPNEXT50_G2
Host Name	IP-PBX
System Password	*****
APOS Version	8.24
SMM Version	3.5.3119
Time Zone	
Current Time	Mon Jun 2 13:09:20 2008
Running Time	0 days 00:23:44
CPU Utilization	18%
Memory Utilization	Total: 131072 KB, Used: 111074 KB, Free: 19998 KB
WAN Interface	IP address: 172.16.19.50, Subnet mask: 255.255.0.0
LAN Interface	

Name	Status
ftp	enable
telnet	enable
http	enable
syslog	disable
ntp	disable
ddns	disable
ldap	enable
dns	disable

Port	Type	Status
0/0	Line(FXO)	idle
0/1	Line(FXO)	idle

Partition Name	Total	Used	Avail	Progress
/hd	480M	87M	392M	<div style="width: 18%;"></div>

Show the basic information (Model, Version, Time, CPU, memory utilization, Interface, etc) of System, and Host Name, Password, Timezone, dateTime information is changeable by entering edit mode.

Display the registration status and information of external application server (video MCU, etc) , if exist

Display utilization of System Storage

Display status of network service (enable or disable) of IP-PBX

Display the VoIP interface status of IP-PBX such as Port Number, Type, idle status

# Network (cont..)

The screenshot displays the 'Smart Multimedia Manager' web interface in Internet Explorer. The left sidebar shows a tree view with 'Network' selected. The main content area is titled 'Network' and is divided into two sections: 'WAN (Lan0) Interface' and 'LAN (Lan1) Interface'. The WAN section shows 'Static IP' selected with fields for IP Address (172.16.19.50), Network Mask (255.255.0.0), and Default Router. The LAN section shows 'None' selected with empty fields for IP Address and Network Mask. Two callout boxes provide additional context for these configurations.

**WAN(LAN0) Interface Configuration :** IP version4 Address, Operation Mode (Static IP, PPPoE, DHCP)

**LAN(LAN1) Interface Configuration :** IP version4 Address, Operation Mode (None, Bridge, IP Share, NAT, Static IP)

# Network

The screenshot displays the 'Smart Multimedia Manager' web interface for network configuration. The left sidebar shows a tree view with 'Network' selected. The main content area is titled 'Network' and contains two sections: 'WAN (Lan0) Interface' and 'LAN (Lan1) Interface'. Each section has tabs for 'IPv4' and 'IPv6'. The 'WAN (Lan0) Interface' section includes fields for 'WAN IPv6 Interface', 'IP Address', 'Default Router', 'MAC(Hardware) Address' (0002.a4ff.#50), and 'MAC Address Clone'. The 'LAN (Lan1) Interface' section includes fields for 'LAN IPv6 Interface', 'IP Address', and 'MAC(Hardware) Address' (0002.a4ff.#51). An 'Apply' button is located at the bottom right of the configuration area. Two callout boxes with green borders and arrows point to the IPv6 address input fields in the WAN and LAN sections, respectively.

WAN(LAN0) Interface Configuration : IP version6 Address

LAN(LAN1) Interface Configuration : IP version6 Address



# Service

Smart Multimedia Manager - Windows Internet Explorer  
http://172.16.19.50/smartsmm.htm

File View Search Tools Help

**AddPac** Smart Multimedia Manager  
AddPac Technology

PBX (172.16.19.50:389)

- System Management
  - System Information
  - Network
  - Service**
  - Voice Line
  - System Monitoring
- Smart Directory Management
- User Management
- Device Management
- Fault Management
- Call Management
- Conference Management
- Presence Management
- Media Management
- Unified Messaging Management

### Service

TELNET  
Server Port: 23 <1-65535> (default: 23)

HTTP  
Server Port: 80 <1-65535> (default: 80)  
 Authentication

NTP  
Primary NTP Server:   
Secondary NTP Server:   
(Hostname or A.B.C.D)  
Interval: 0 NTP time resynchronize interval, in hour (default 24 ho)

Dynamic DNS  
Dynamic DNS Server:   
Host Name:   
User Name:   
Password:   
Life Time: 0 (in days, default 27)

SNMP  
Server Port: 161 <1-65535> (default: 161)

FTP  
Control Port: 21 <1-65535> (default: 21)  
Data Port: 20 <1-65535> (default: 20)

Syslog  
Log Level: debug  
Log Server:  514  
 514  
Log Server Address and Port (default: 514)

LDAP  
Server Port: 389 <1-65535> (default: 389)  
User ID: Manager  
Password: \*\*\*\*\*

Apply

2008-07-11 오전 11:34:43 Version 3.5.3111 172.16.19.50:389 administrator  
완료 인터넷 | 보호 모드: 해제 100%

Basic Networking Service Configuration (Mode Setting and Change): Telnet, SNMP, HTTP, FTP, NTP, Syslog, Dynamic DNS, LDAP

# VoIP Interface (Line)

The screenshot displays the 'Smart Multimedia Manager' web interface. On the left is a navigation tree with 'Voice Line' selected. The main area shows a 'Voice Line' configuration page with a table of lines and an 'Edit' button circled in green. A 'Voice Line Properties' dialog box is open, showing configuration fields for Destination Pattern, Caller ID, Line Input Gain, Line Output Gain, and Connection PLAR.

Port	Type	Destination-Pattern	Caller ID	Input Gain	Output Gain
0/0	Line(FXO)		disable	2	-1
0/1	Line(FXO)		disable	3	4

**Voice Line Properties**

Destination Pattern: 1000 [<-0-9#\*>[.,TF>]

Caller ID

Caller ID Type: Bellcore type1

Line Input Gain: 2 <-31-9>

Line Output Gain: -2 <-18-9>

Connection PLAR

Destination Digits: [ <-0-9#\*>+ ]

Ok Cancel

**VoIP Interface Information Display, Line Destination Pattern, Call ID, Input-output Gain Setting and Configuration**

# VoIP Interface (Digital Map)

Smart Multimedia Manager - Windows Internet Explorer  
http://172.16.19.50/smartsmm.htm

AddPac Smart Multimedia Manager  
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PBX (172.16.19.50:389)

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### Voice Line

Port	Type	Destination-Pattern	Caller ID	Input Gain	Output Gain
0/0	Line(FXO)		disable	2	-1
0/1	Line(FXO)		disable	2	4

#### Digit Map Properties

Destination Pattern:  [<[0-9#\*>[|,TF]>]

Ok Cancel

Digit Map Configuration : Destination Pattern Search and Setting

#### Digit Map

Destination-Pattern
---------------------

Add Edit Delete

#### VoIP Service

Fax Protocol:

Fax Rate:  bps

Apply

2008-07-11 오전 11:35:15 Version 3.5.3111 172.16.19.50:389 administrator

# VoIP Interface (Service)

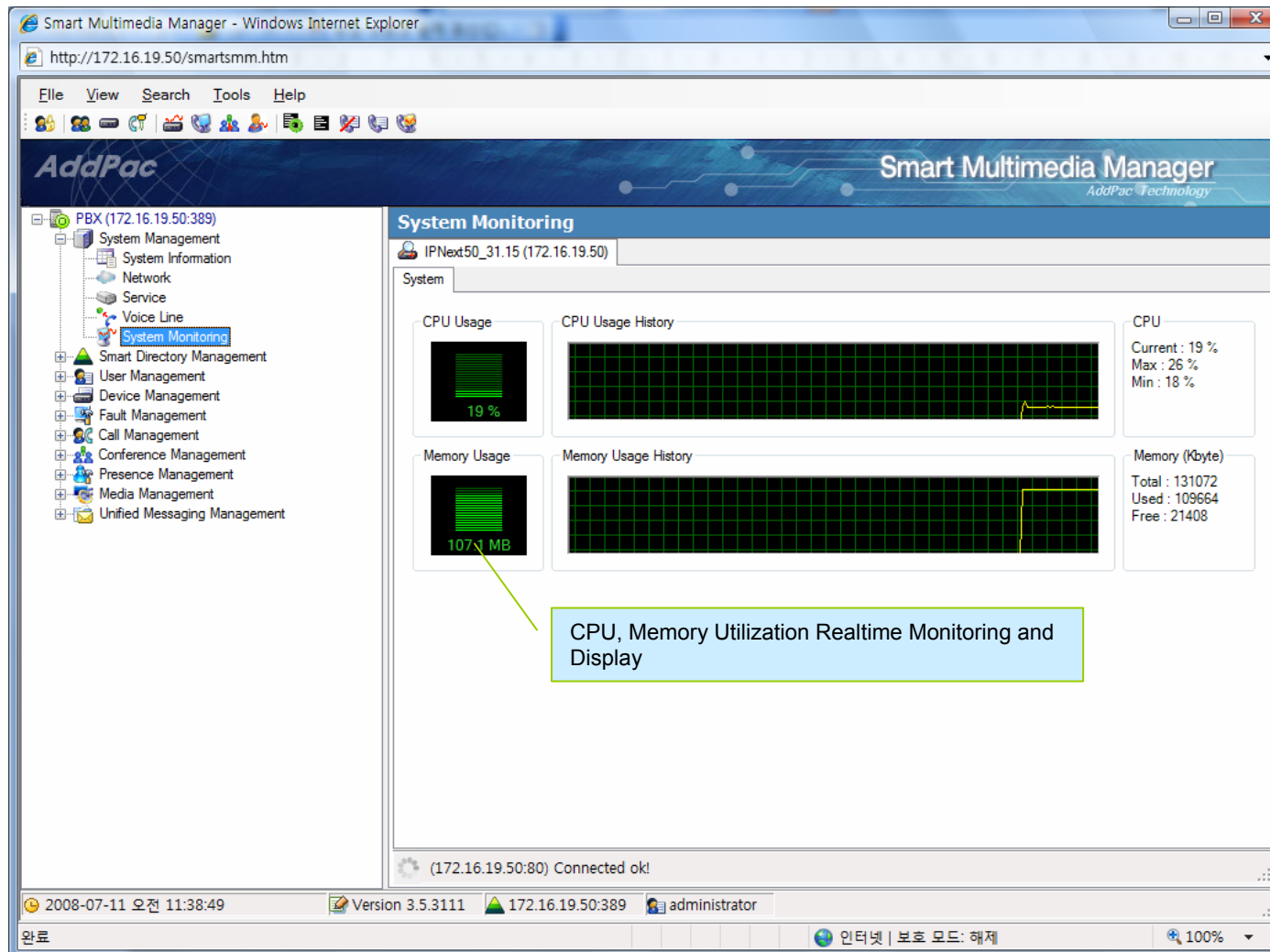
The screenshot displays the 'Smart Multimedia Manager' web interface in a Windows Internet Explorer browser. The address bar shows 'http://172.16.19.50/smartsmm.htm'. The interface features a navigation tree on the left with 'Voice Line' selected under the 'Service' category. The main content area is titled 'Voice Line' and contains a table with the following data:

Port	Type	Destination-Pattern	Caller ID	Input Gain	Output Gain
0/0	Line(FXO)		disable	2	-1
0/1	Line(FXO)		disable	3	4

Below the table, there are two configuration sections: 'Digit Map' and 'VoIP Service'. The 'VoIP Service' section includes dropdown menus for 'Fax Protocol' (set to 'T38 protocol') and 'Fax Rate' (set to '9600 bps fax rate'), with an 'Apply' button. A callout box points to the 'VoIP Service' section with the text: 'VoIP Service Configuration : Fax Protocol, Fax Rate.'

At the bottom of the browser window, the status bar shows the date '2008-07-11 오전 11:35:15', version 'Version 3.5.3111', IP address '172.16.19.50:389', and user 'administrator'. The taskbar at the very bottom shows the Korean text '인터넷 | 보호 모드: 해제' and a zoom level of '100%'.

# System Monitoring



# User Management

The screenshot displays the 'Smart Multimedia Manager' web interface in Internet Explorer. The browser address bar shows 'http://172.16.19.50/smartsmm.htm'. The interface features a navigation tree on the left with categories like System Management, Smart Directory Management, User Management, Administrators, Phone Users [4], Device Management, and Monitoring. The main content area is titled 'Phone Users' and includes a search filter section with dropdowns for 'Filter Name' (set to 'User Name') and 'Rule' (set to 'begins with'), and a text input for 'Word'. Below the filter is a table listing phone users.

Name	User ID	Type	Phone Number	Description
ijeon chol	cyeon	User	1010	
kwon jh	jhkown	User	1009	
choi jinsuk	jschoi	User	1007	
lee minji	mjee	User	1008	

A callout box with a green border and a yellow arrow points to the table, containing the text 'IP-PBX Phone User management'. At the bottom of the interface, it shows 'Total Users : 4' and system information including the date '2008-07-16 오후 2:10:11', version '3.5.3119', IP address '172.16.19.50:389', and user 'administrator'.

# Device Management

The screenshot displays the AddPac Smart Multimedia Manager web interface. The left sidebar shows a navigation tree with categories like System Management, User Management, and Device Management. The main content area is titled 'Devices' and shows a table of device information. A callout box points to the table with the text: 'Device Management for IP phones, Video Phones, Softphone, Application Server, etc'.

Device Name	Model	Status	IP Address	Device Pool	Description
Upgrade	Auto Upgrad...	Static	172.16.19.50	default	
IP_PBX_19.50	IPNEX50	In service	172.16.19.50	default	

Additional interface details: The browser title is 'Smart Multimedia Manager - Windows Internet Explorer'. The URL is 'http://172.16.19.50/smartsmm.htm'. The status bar at the bottom shows the date '2008-07-16 오후 2:12:01', version '3.5.3119', IP address '172.16.19.50:389', and user 'administrator'.



# Call Management

The screenshot shows the Smart Multimedia Manager web interface. The left navigation pane is expanded to 'Configuration' > 'Dial Plan' > 'Phone Number'. The main content area displays a table of phone numbers with columns for No., Phone Number, Partition, Pickup Group, Partition Access List, Park Group, Hunt Group, and Description. A search filter is located above the table, and a callout box highlights the 'Phone Number' item in the navigation tree.

No.	Phone Number	Partition	Pickup Group	Partition Access List	Park Group	Hunt Group	Descr
1	1000	5F					
2	1001	5F					
3	1002	5F					
4	1003	5F					
5	1004	5F					
6	1005	5F					
7	1006	5F					
8	1007	5F					
9	1008	5F					
10	1009	5F					
11	1010	5F					
12	1011	5F					
13	1012	5F					
14	1013	5F					
15	1014	5F					
16	1015	5F					
17	1016	5F					
18	1017	5F					
19	1018	5F					

Call related Parameter Setup and Configuration (Dial Plan, QoS, CAC, Supplementary Service, Advanced Service, Monitoring, History..)



# Conference Management

The screenshot displays the AddPac Smart Multimedia Manager web interface in a Windows Internet Explorer browser window. The address bar shows the URL `http://172.16.19.50/smartsmm.htm`. The interface features a navigation tree on the left with the following items: PBX (172.16.19.50:389), System Management, Smart Directory Management, User Management, Device Management, Fault Management, Call Management, Conference Management, Configuration (with sub-items: Media Class, Conference Rooms, and Schedule), Monitoring, Presence Management, Media Management, and Unified Messaging Management. The 'Conference Rooms' item is selected and highlighted. The main content area is titled 'Conference Rooms' and contains a table with the following data:

No.	Conference Name	Conference Number	Partition	Conference Type	Status	Description
1	Ad-Hoc Defaults			Ad Hoc		
2	Conference	7000	5F	Dial-Out	Reserved	

A blue callout box with a green arrow points to the 'Conference Rooms' table, containing the text: 'Parameter Setup and Configuration for audio/video Conference Call'. The browser's status bar at the bottom shows the date and time '2008-07-16 오후 2:28:44', the version 'Version 3.5.3119', the IP address '172.16.19.50:389', and the user 'administrator'. The system tray includes the Korean text '인터넷 | 보호 모드: 해제' and a zoom level of '100%'.

# User Presence Service Management

The screenshot displays the Smart Multimedia Manager web interface in Internet Explorer. The main content area shows a table for 'Presence Group' with one entry: 'Addpac\_2F'. A 'Presence Group Properties' dialog box is open, showing the following configuration:

No.	Group Name	Description
1	Addpac_2F	

The 'Presence Group Properties' dialog box has the following fields:

- Group Name: Addpac\_2F
- Description: (empty)
- Presence Server Preference: <N/A>

A callout box points to the dialog with the text: "Parameter Setup and Configuration for User Presence Service (Speed Button, Presence Group, Monitoring..)".

# Media Service Management

The screenshot displays the 'Smart Multimedia Manager' application window. The interface includes a menu bar (File, View, Search, Tools, Help), a toolbar, and a tree view on the left showing a hierarchy of system management options. The main area is titled 'Announcement Setting' and contains configuration fields for 'Media Server Cluster' (set to 'default'), 'Language' (set to 'en'), and 'Package' (set to '8.46'). Below these settings is an 'Announcement List' table with columns for ID, Announcement, Description, and Custom File. A callout box points to the 'fail to push number' entry in the list.

**Announcement Setting**

Media Server Cluster: default  
 Language: en  
 Package: 8.46  
 Include Custom File

**Announcement List**

ID	Announcement	Description	Custom File	8.46
400110	Connect	connecting announcement	<input checked="" type="checkbox"/>	
400120	Retry	push down internal number again	<input checked="" type="checkbox"/>	
400130	No Number	no exist internal number	<input checked="" type="checkbox"/>	
400140	Over Count	call fail over count announcement	<input checked="" type="checkbox"/>	
410110	Greeting	greeting	<input checked="" type="checkbox"/>	
410120	Connect to attendant	connect to attendant	<input checked="" type="checkbox"/>	
410130	Connect 2	connecting announcement	<input checked="" type="checkbox"/>	
410140	No Number 2	fail to push number	<input checked="" type="checkbox"/>	
410150	Over Time	fail to push	<input checked="" type="checkbox"/>	
420110	Busy	call busy a	<input checked="" type="checkbox"/>	
420120	No Answer	absence an	<input checked="" type="checkbox"/>	
420130	System Normal Fail	call fail ann	<input checked="" type="checkbox"/>	
420400	Thank you	thank you	<input checked="" type="checkbox"/>	
430110	Press Password	password announcement	<input checked="" type="checkbox"/>	
430120	Over Count 2	call fail over count announcement	<input checked="" type="checkbox"/>	
430130	Connect 3	connecting announcement	<input checked="" type="checkbox"/>	
430140	Over Time 2	fail to push number	<input checked="" type="checkbox"/>	
430150	Invalid Password	invalid password	<input checked="" type="checkbox"/>	
430200	Network Busy	network busy announcement	<input checked="" type="checkbox"/>	
430201	System overload	call limit by license announcement	<input checked="" type="checkbox"/>	

Parameter Setup and Configuration for Media Service such as Coloring Service, Music on Hold (System Announcement Service, Personal RBT, MOH Service, Monitoring..)

# Unified Messaging Service Management

Smart Multimedia Manager - Windows Internet Explorer  
http://172.16.19.50/smartsmm.htm

File View Search Tools Help

**AddPac** Smart Multimedia Manager  
AddPac Technology

PBX (172.16.19.50:389)

- System Management
- Smart Directory Management
- User Management
- Device Management
- Fault Management
- Call Management
- Conference Management
- Presence Management
- Media Management
- Unified Messaging Management
  - Configuration
    - Message Box Configuration
    - Unified Message Box
    - Unassigned Address**
    - Synchronize Message Box
  - Monitoring

**Unassigned Address**

Filter

Filter Name Rule Word [Advanced Search](#)

Phone Number begins with Find

No.	Address Pool	Address	Partition	Path	User	Description
1	default	1000	5F			
2	default	1001	5F			
3	default	1002	5F			
4	default	1003	5F			
5	default	1004	5F			
6	default	1005	5F			
7	default	1006	5F			
8	default	1007	5F			
9	default	1008	5F			
10	default	1009	5F			
11	default	1010	5F			
12	default	1011	5F			
13	default	1012	5F			
14	default	1013	5F			
15	default	1014	5F			
16	default	1015	5F			
17	default	1016	5F			
18	default	1017	5F			
19	default	1018	5F			

Total Numbers : 101

2008-07-16 오후 3:23:12 Version 3.5.3119 172.16.19.50:389 administrator

완료 인터넷 | 보호 모드: 해제 100%

Parameter Setup and Configuration for UMS service (Unified Messaging Box, Unassigned Address, Synchronize Message Box, Monitoring..)



# Thank you!

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