

IPNext320™ Hybrid IP-PBX System

High-performance Next Generation Hybrid IP-PBX Solution

Web based Smart Multimedia Manager



IPNext320



Presence Terminal
(AP-PT100)

AddPac

AddPac Technology

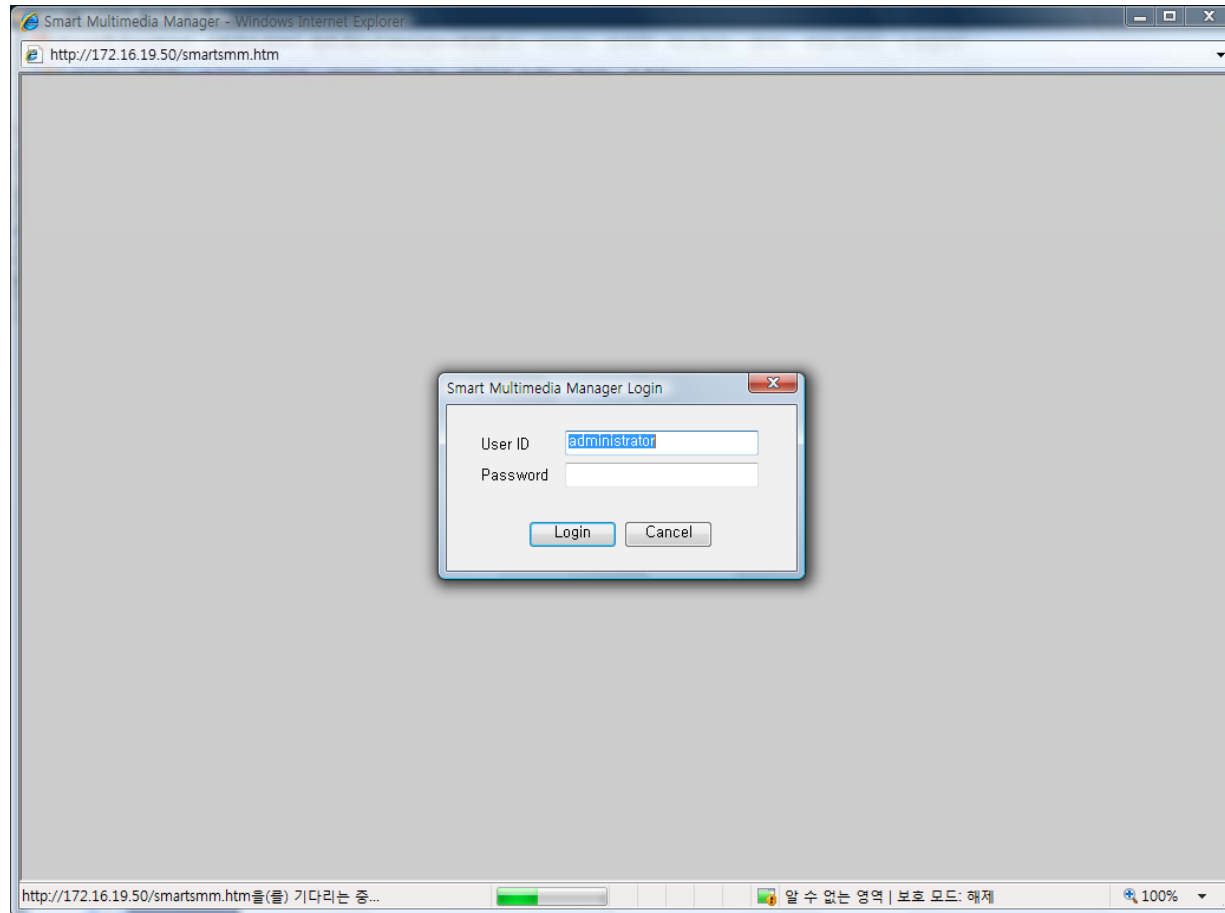
2012, Sales and Marketing

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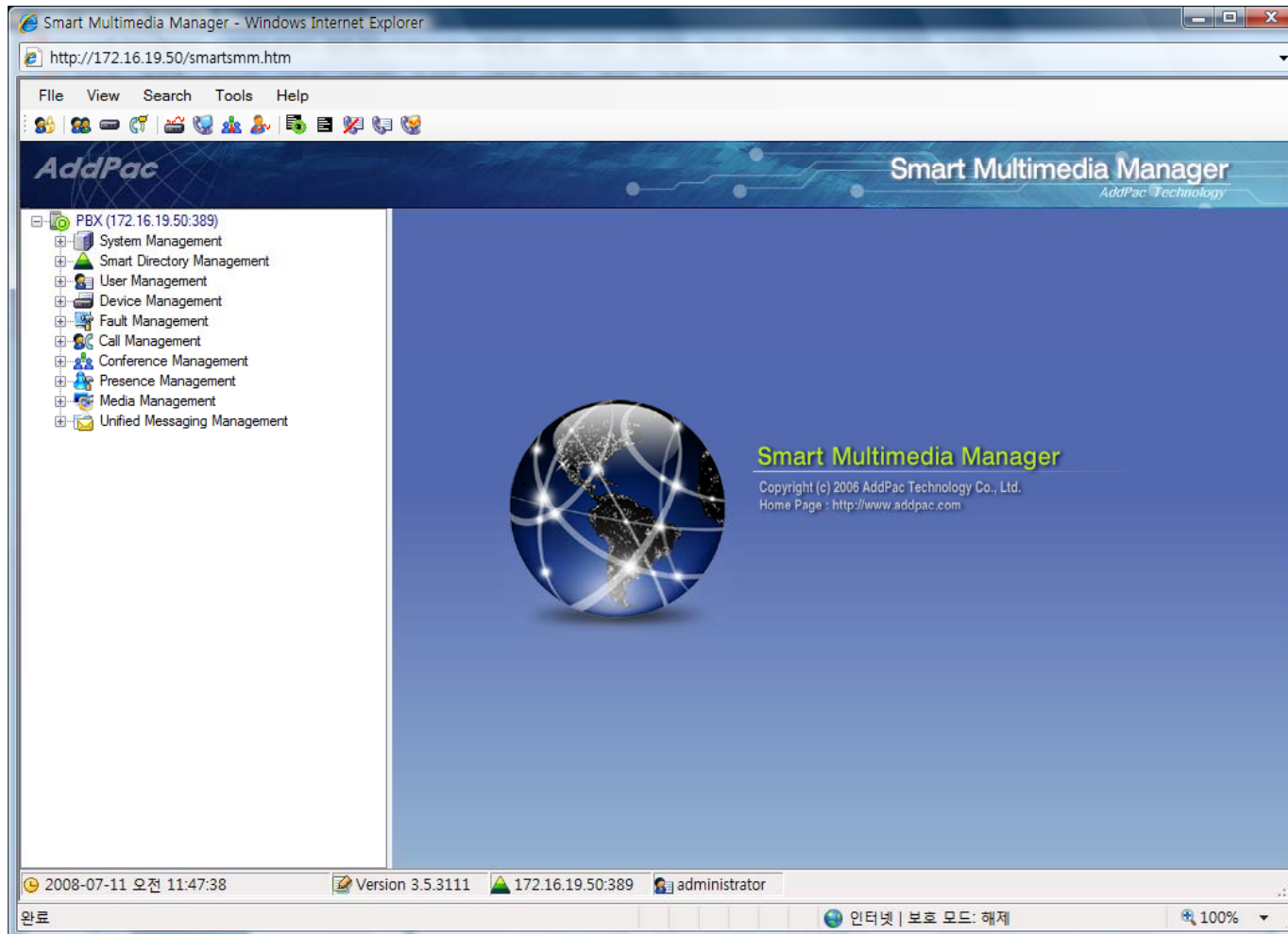
- Login
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- System Information
- Network
- Service
- VoIP Interface
- System Monitoring
- User Management
- Device Management
- Call Management
- Conference Management
- User Presence Service Management
- Media Service Management
- UMS Service Management



Login



Main Screen



Menu Structure

The screenshot shows 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 menu on the left and a main content area on the right. The menu is organized as follows:

- 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
 - Configuration
 - Monitoring
 - History
- Conference Management
 - Configuration
 - Monitoring
- Presence Management
 - Configuration
 - Monitoring
- Media Management
 - Configuration
 - Monitoring
- Unified Messaging Management
 - Configuration
 - Monitoring

Two callout boxes provide additional information:

- The first callout box, pointing to the **System Management** menu item, states: "Provide the configuration and setting about System Information, Network, Service, VoIP Interface of IP-PBX".
- The second callout box, pointing to the **Call Management** menu item, states: "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 displays the "Smart Multimedia Manager" logo and a globe graphic. Below the logo, it includes the text: "Copyright (c) 2006 AddPac Technology Co., Ltd. Home Page : <http://www.addpac.com>".

The Windows taskbar at the bottom shows the date and time as "2008-07-14 오후 2:21:15", the application version as "Version 3.5.3111", and the user as "administrator".

System Information

The screenshot shows the 'System Information' page in the AddPac Smart Multimedia Manager. The main content area contains a table of system parameters:

Name	Value	
System Model	IPNEXT50_G2	
Host Name	IP-PBX	<input type="button" value="Edit.."/>
System Password	*****	<input type="button" value="Edit.."/>
APOS Version	8.24	
SMM Version	3.5.3119	
Time Zone		<input type="button" value="Edit.."/>
Current Time	Mon Jun 2 13:09:20.2008	<input type="button" value="Edit.."/>
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		

Below the main table are three summary tables:

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

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

External Server		
Name	Host	Status

Storage				
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'. Both sections have tabs for 'IPv4' and 'IPv6'. 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 the 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 categories like System Management, Network, Service, and Voice Line. The main content area is titled 'Network' and is divided into 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 and Default Router) and 'MAC(Hardware) Address' (0002.a4ff.#50). The 'LAN (Lan1) Interface' section includes a field 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 blue backgrounds 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

The screenshot shows the 'Service' configuration page in the AddPac Smart Multimedia Manager. The left sidebar lists various management categories, with 'Service' selected. The main content area contains several configuration panels:

- TELNET:** Server Port: 23 (default: 23)
- HTTP:** Server Port: 80 (default: 80), Authentication: checked
- 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 (default: 161)
- FTP:** Control Port: 21 (default: 21), Data Port: 20 (default: 20)
- Syslog:** Log Level: debug, Log Server: 514 (two instances), Log Server Address and Port (default: 514)
- LDAP:** Server Port: 389 (default: 389), User ID: Manager, Password: *****

An 'Apply' button is located at the bottom of the configuration area. The status bar at the bottom shows the date and time (2008-07-11 오전 11:34:43), version (3.5.3111), IP address (172.16.19.50:389), and user (administrator).

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 interface in a Windows Internet Explorer browser window. The main content area is titled "Voice Line" and features 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

A "Voice Line Properties" dialog box is open, showing configuration options for a selected line. The dialog includes fields for "Destination Pattern" (1000), "Caller ID" (Bellcore type1), "Line Input Gain" (2), "Line Output Gain" (-2), and "Connection PLAR" (Destination Digits). An "Edit" button in the background interface is circled in green, with a callout box pointing to it.

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)

- 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

Voice Line

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

Digit Map Properties

Destination Pattern: 9T| [$[<0-9^*>[|,TF>]$]

Ok Cancel

Digit Map Configuration : Destination Pattern Search and Setting

Digit Map

Destination-Pattern

Add Edit Delete

VoIP Service

Fax Protocol: T38 protocol

Fax Rate: 9600 bps fax rate bps

Apply

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

VoIP Interface (Service)

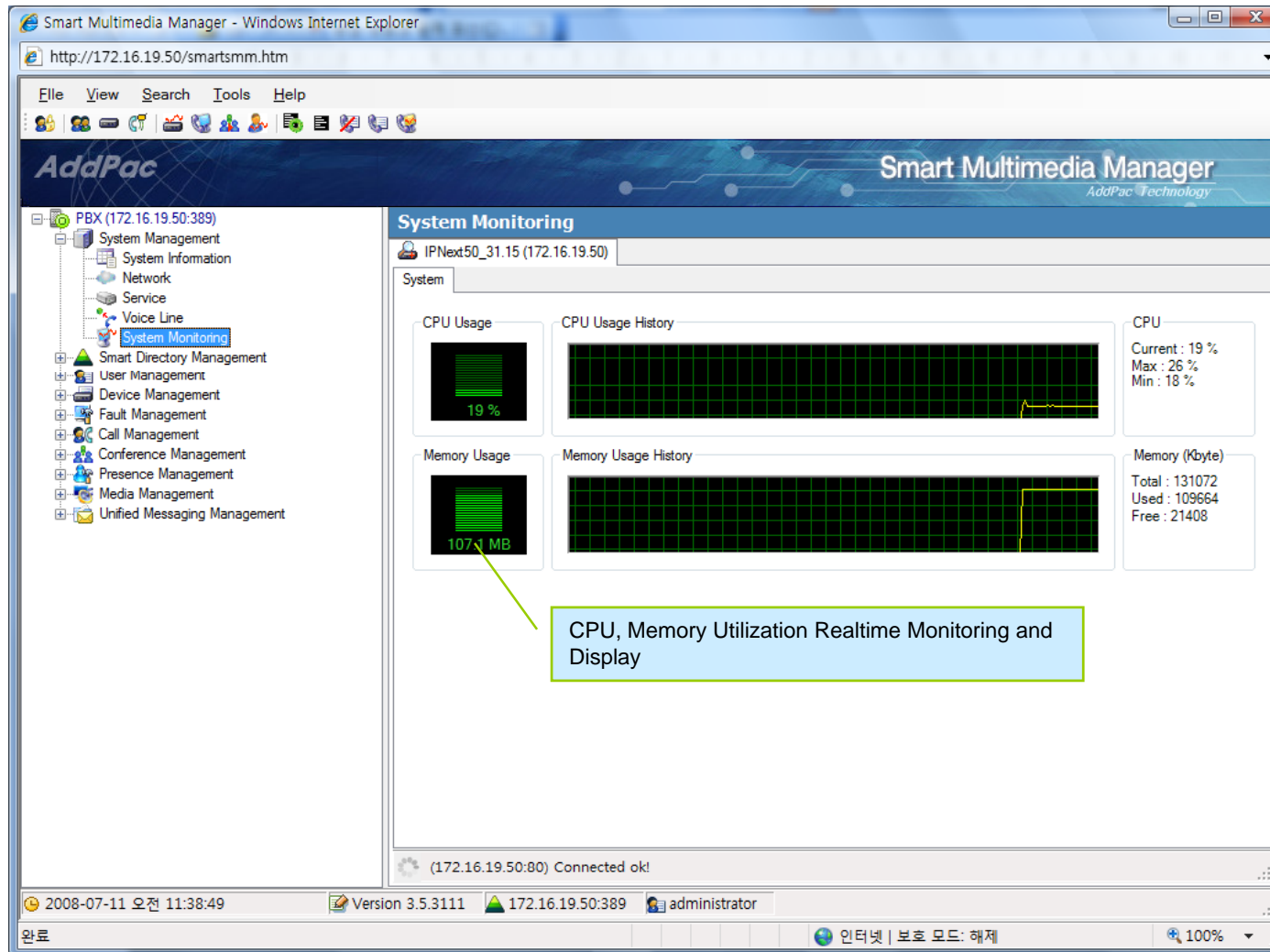
The screenshot displays the 'Smart Multimedia Manager' web interface in Internet Explorer. The left sidebar shows a navigation tree with 'Voice Line' selected under the 'Service' category. The main content area is titled 'Voice Line' and contains a table with the following data:

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 these settings 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 '3.5.3111', IP address '172.16.19.50:389', and user 'administrator'. The system tray includes '완료', '인터넷 | 보호 모드: 해제', and '100%' zoom.

System Monitoring



User Management

The screenshot displays the 'Smart Multimedia Manager' web interface within a Windows Internet Explorer browser window. The browser's address bar shows the URL '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, and Device Management. The 'Phone Users' section is active, showing a search filter for 'User Name' with the rule 'begins with'. Below the filter is a table listing four users: 'cyeon' (1010), 'jhwon' (1009), 'jschoi' (1007), and 'jlee' (1008). A callout box with a green arrow points to the table, containing the text 'IP-PBX Phone User management'. The status bar at the bottom indicates the date and time as '2008-07-16 오후 2:10:11' and the user as 'administrator'.

Name	User ID	Type	Phone Number	Description
cyeon	cyeon	User	1010	
jhwon	jhwon	User	1009	
jschoi	jschoi	User	1007	
jlee	jlee	User	1008	

Device Management

The screenshot displays the AddPac Smart Multimedia Manager web interface. 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	IPNEXT50	In service	172.16.19.50	default	

Additional interface details include a navigation tree on the left with categories like System Management, User Management, and Device Management. The status bar at the bottom shows the date (2008-07-16), version (3.5.3119), IP address (172.16.19.50:389), and user (administrator).

Call Management

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

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Filter
Filter Name: Phone Number Rule: begins with Word: [Advanced Search](#) Find

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					

Total Numbers : 101 Search Results : 101

2008-07-16 오후 2:25:37 Version 3.5.3119 172.16.19.50:389 administrator

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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 Internet Explorer. The browser 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 callout box with a green border and a yellow arrow pointing to the table contains the text: "Parameter Setup and Configuration for audio/video Conference Call". The status bar at the bottom of the browser window shows the date and time as "2008-07-16 오후 2:28:44", the version as "Version 3.5.3119", the IP address as "172.16.19.50:389", and the user as "administrator".

User Presence Service Management

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

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PBX (172.16.19.50:389)

- System Management
- Smart Directory Management
- User Management
- Device Management
- Fault Management
- Call Management
- Conference Management
- Presence Management
- Configuration
 - Speed Button Profile
 - Presence Group
 - Public Common Directory
- Monitoring
- Media Management
- Unified Messaging Management

Presence Group

No.	Group Name	Description
1	Addpac_2F	

Presence Group Properties

General | Boundary | SpeedButton

Group Name: Addpac_2F
Description:
Presence Server Preference: <N/A>

Parameter Setup and Configuration for User Presence Service (Speed Button, Presence Group, Monitoring..)

Ok Cancel

2008-07-16 오후 2:32:20 Version 3.5.3119 172.16.19.50:389 administrator

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Media Service Management

Announcement Setting

Media Server Cluster: default
 Language: en
 Package: Version 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 a	<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

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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

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



Thank you!

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