

IPNext187 Hybrid IP-PBX System

High-performance Next Generation Hybrid IP-PBX Solution

Web based Smart Multimedia Manager



Presence Terminal
(AP-PT100)



IPNext187

AddPac

AddPac Technology

Sales and Marketing

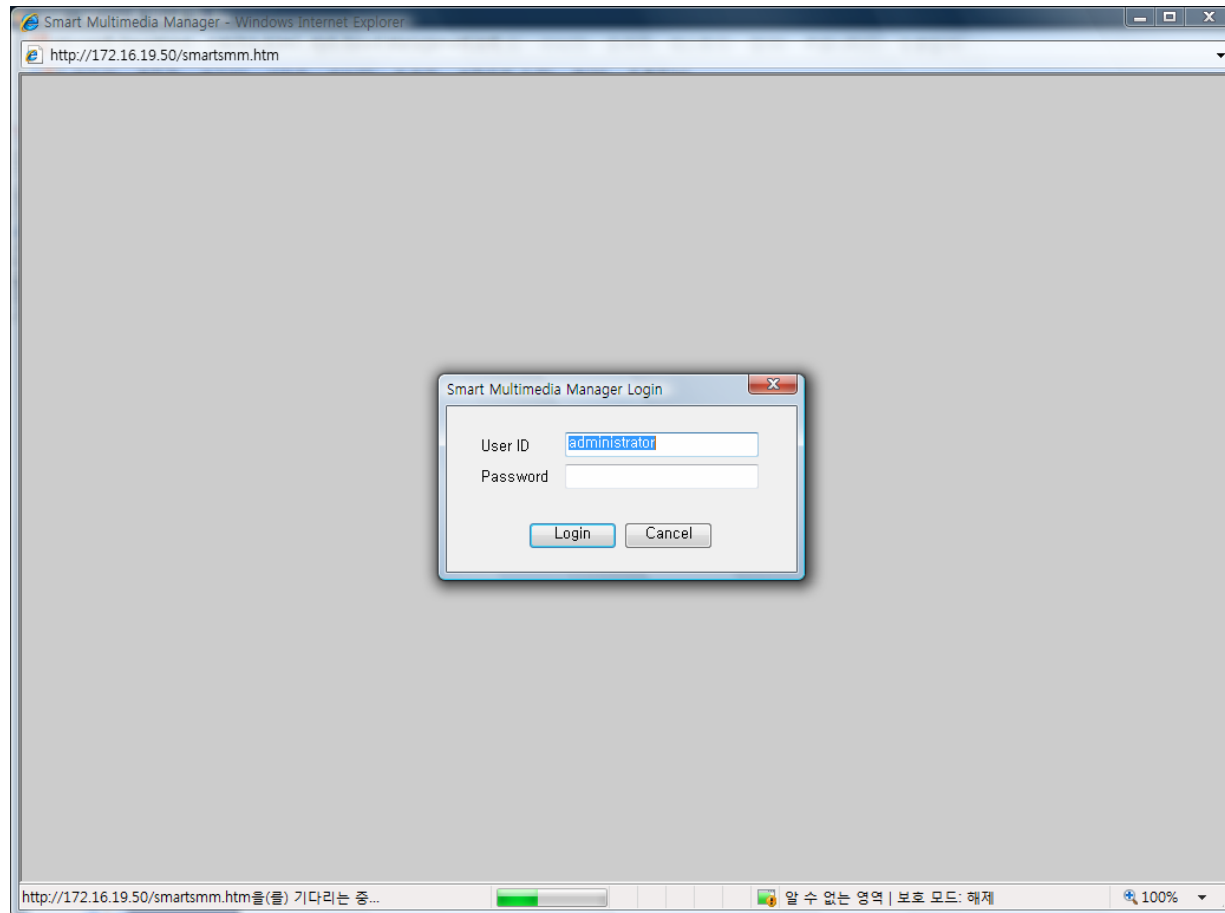
www.addpac.com

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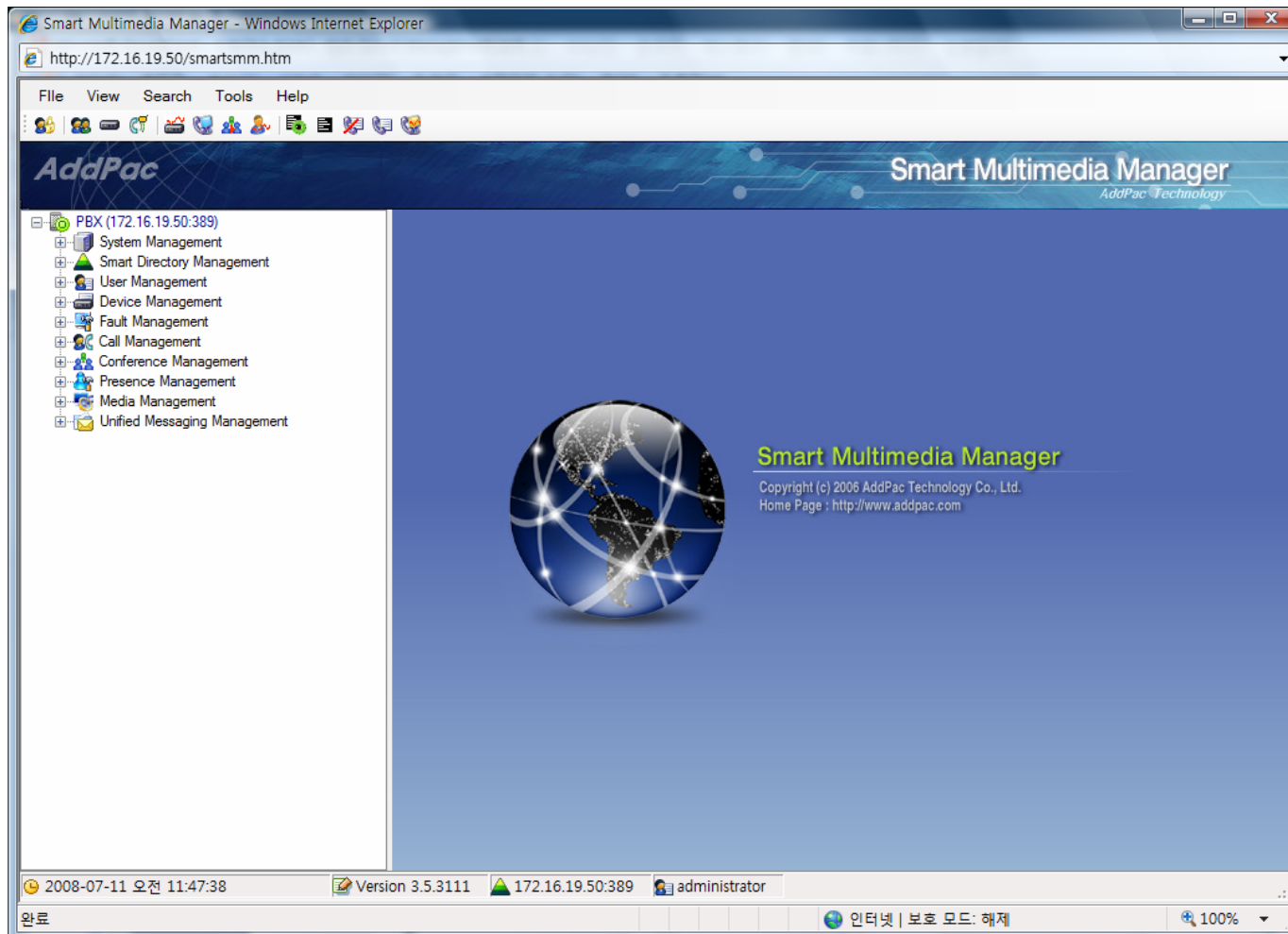
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- System Monitoring
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- Device Management
- Call Management
- Conference Management
- User Presence Service Management
- Media Service Management
- UMS Service Management



Login



Main Screen



Menu Structure

The screenshot displays the Smart Multimedia Manager web interface. The browser window title is "Smart Multimedia Manager - Windows Internet Explorer" and the address bar shows "http://172.16.19.50/smartsmm.htm". The interface features a navigation tree on the left and a main content area on the right. Two callout boxes provide descriptions for the 'System Management' and 'Call Management' sections.

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 includes the AddPac logo, the title "Smart Multimedia Manager", and a globe graphic. Copyright information is visible: "Copyright (c) 2006 AddPac Technology Co., Ltd. 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 a 'System Information' table, and several smaller tables for 'Service', 'Voice Line', 'External Server', and 'Storage'.

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 contains two sections: 'WAN (Lan0) Interface' and 'LAN (Lan1) Interface'. The WAN section is currently active, showing 'Static IP' mode selected. The IP address is set to 172.16.19.50, and the network mask is 255.255.0.0. The LAN section shows 'None' mode selected. Two callout boxes provide additional context: one for the WAN interface configuration and another for the LAN interface configuration.

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.

WAN(LAN0) Interface Configuration : IP version6 Address

LAN(LAN1) Interface Configuration : IP version6 Address

Service

The screenshot shows the 'Service' configuration page in the Smart Multimedia Manager web interface. The page is titled 'Service' and contains several configuration sections:

- TELNET**: TELNET, Server Port: 23 <1-65535> (default: 23)
- HTTP**: HTTP, Server Port: 80 <1-65535> (default: 80), Authentication
- FTP**: FTP, Control Port: 21 <1-65535> (default: 21), Data Port: 20 <1-65535> (default: 20)
- NTP**: 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, Dynamic DNS Server: [], Host Name: [], User Name: [], Password: [], Life Time: 0 (in days, default 27)
- SNMP**: SNMP, Server Port: 161 <1-65535> (default: 161)
- Syslog**: Syslog, Log Level: debug, Log Server: [] 514, [] 514, Log Server Address and Port (default: 514)
- LDAP**: LDAP, Server Port: 389 <1-65535> (default: 389), User ID: Manager, Password: []

An 'Apply' button is located at the bottom of the configuration area. The browser window title is 'Smart Multimedia Manager - Windows Internet Explorer' and the address bar shows 'http://172.16.19.50/smartsmm.htm'. The status bar at the bottom indicates the date and time as '2008-07-11 오전 11:34:43', the version as 'Version 3.5.3111', and the user as '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' 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. A 'Voice Line Properties' dialog box is open, showing configuration details for a selected line.

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)

The screenshot displays the 'Smart Multimedia Manager' web interface in Internet Explorer. The main window shows a tree view on the left with 'Voice Line' selected. The central area is titled 'Voice Line' and contains a table with columns: Port, Type, Destination-Pattern, Caller ID, Input Gain, and Output Gain. A 'Digit Map Properties' dialog box is open, showing 'Destination Pattern' set to '9T|' and a search pattern '<[0-9#*]>[|,TF]>'. A callout box points to this dialog with the text 'Digit Map Configuration : Destination Pattern Search and Setting'. Below the dialog, the 'Digit Map' section has an empty table and 'Add', 'Edit', and 'Delete' buttons. The 'VoIP Service' section shows 'Fax Protocol' set to 'T38 protocol' and 'Fax Rate' set to '9600 bps fax rate'. The status bar at the bottom indicates the version is 3.5.3111 and the user is administrator.

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: 9T| [<[0-9#*]>[|,TF]>]

Digit Map

Destination-Pattern

VoIP Service

Fax Protocol: T38 protocol

Fax Rate: 9600 bps fax rate bps

VoIP Interface (Service)

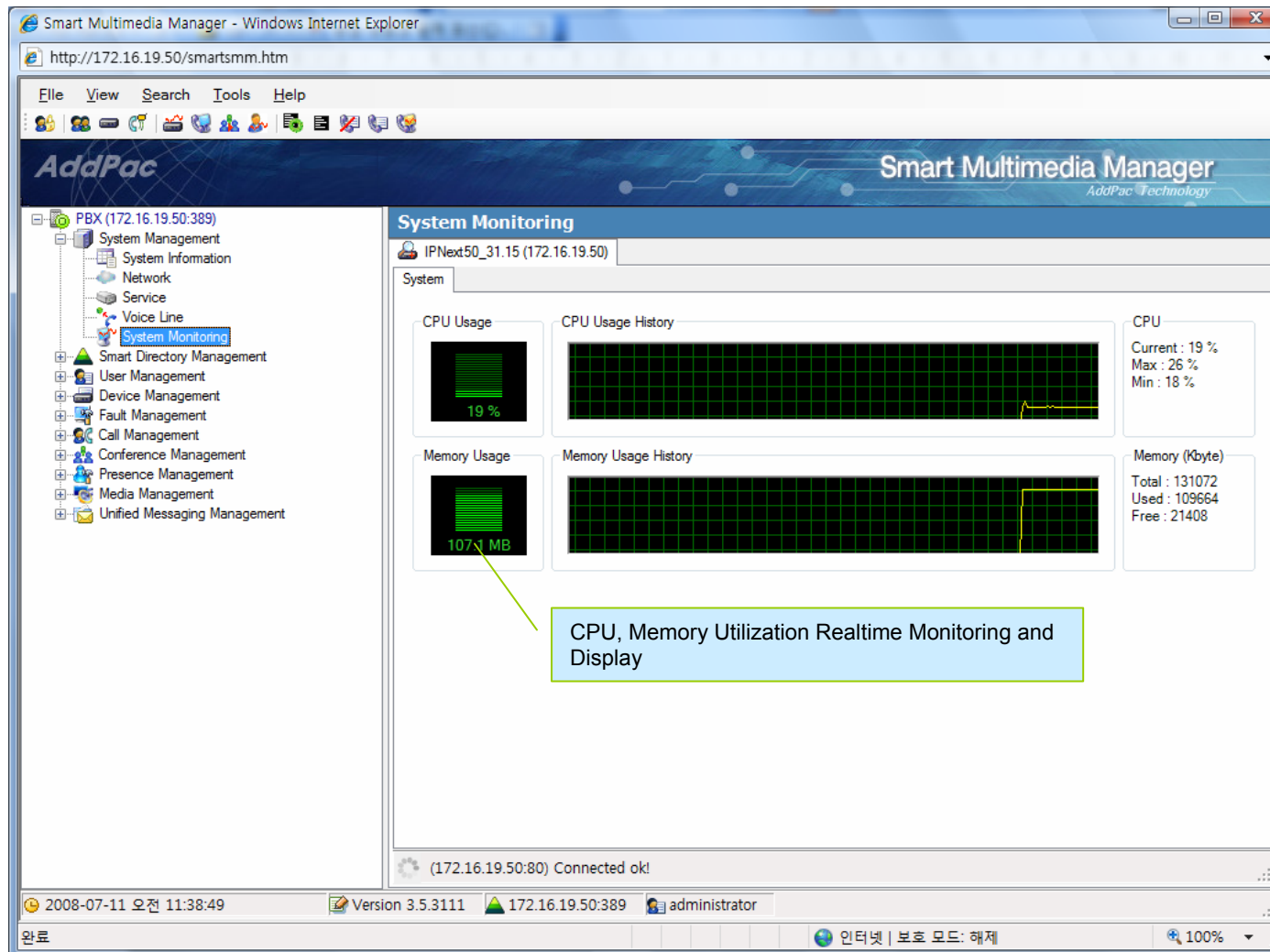
The screenshot displays the 'Smart Multimedia Manager' web interface in Internet Explorer. The left sidebar shows a tree view with 'Voice Line' selected under the 'Service' category. The main content area is titled 'Voice Line' and contains a table with the following data:

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 and time '2008-07-11 오전 11:35:15', version 'Version 3.5.3111', IP address '172.16.19.50:389', and user 'administrator'. The system tray includes '인터넷 | 보호 모드: 해제' and '100%' zoom level.

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 the following items:

- PBX (172.16.19.50:389)
 - System Management
 - Smart Directory Management
 - User Management
 - Administrators
 - Phone Users [4]
 - Device Management
 - Devices [3]
 - 5F [0]
 - Device Pool
 - Device Profile
 - Monitoring
 - Fault Management
 - Call Management
 - Conference Management
 - Presence Management
 - Media Management
 - Unified Messaging Management

The main content area is titled "Devices" and shows a table of devices. The table has the following columns: Device Name, Model, Status, IP Address, Device Pool, and Description. The table contains two rows of data:

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	

A yellow callout box points to the table with the text: "Device Management for IP phones, Video Phones, Softphone, Application Server, etc".

The status bar at the bottom shows the date and time (2008-07-16 오후 2:12:01), 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

완료 인터넷 | 보호 모드: 해제 100%

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 background points to the 'Conference Rooms' item in the navigation tree. The text inside the callout box reads: 'Parameter Setup and Configuration for audio/video Conference Call'. The status bar at the bottom of the browser window 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', the user 'administrator', and the language '한국어'. The system tray also shows '인터넷 | 보호 모드: 해제' and '100%' zoom level.

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 divided into two sections: 'Announcement Setting' and 'Announcement 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 anr	<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"/>	

A callout box points to the 'fail to push' row (ID 410150) with the text: "Parameter Setup and Configuration for Media Service such as Coloring Service, Music on Hold (System Announcement Service, Personal RBT, MOH Service, Monitoring..)"

The status bar at the bottom shows: 2008-07-16 오후 2:36:18 | Version 3.5.3111 | 172.17.102.1:389 | Manager

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

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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