

IPNext350™ Hybrid IP-PBX System

High-performance Next Generation Hybrid IP-PBX Solution

Web based Smart Multimedia Manager



IPNext350



AddPac

AddPac Technology

2012, Sales and Marketing

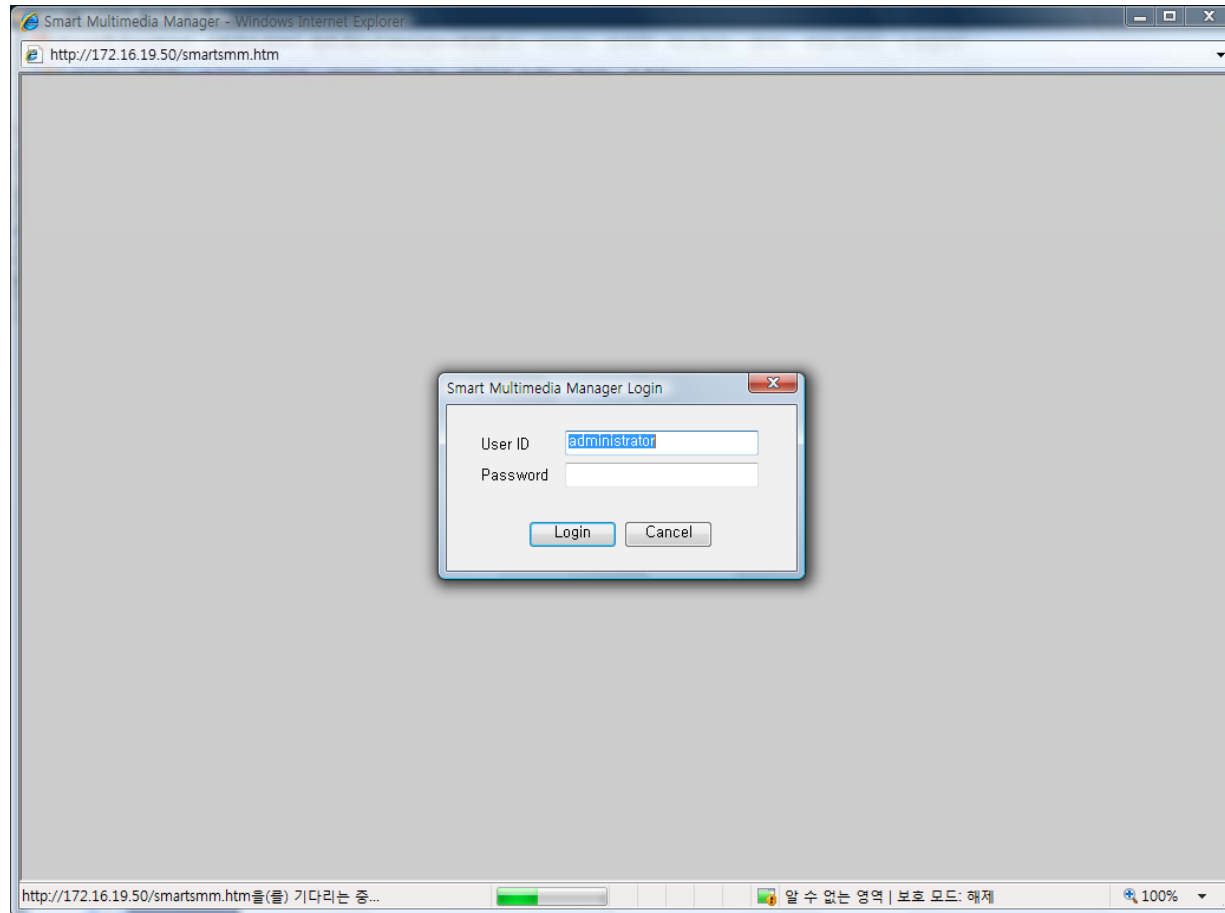
www.addpac.com

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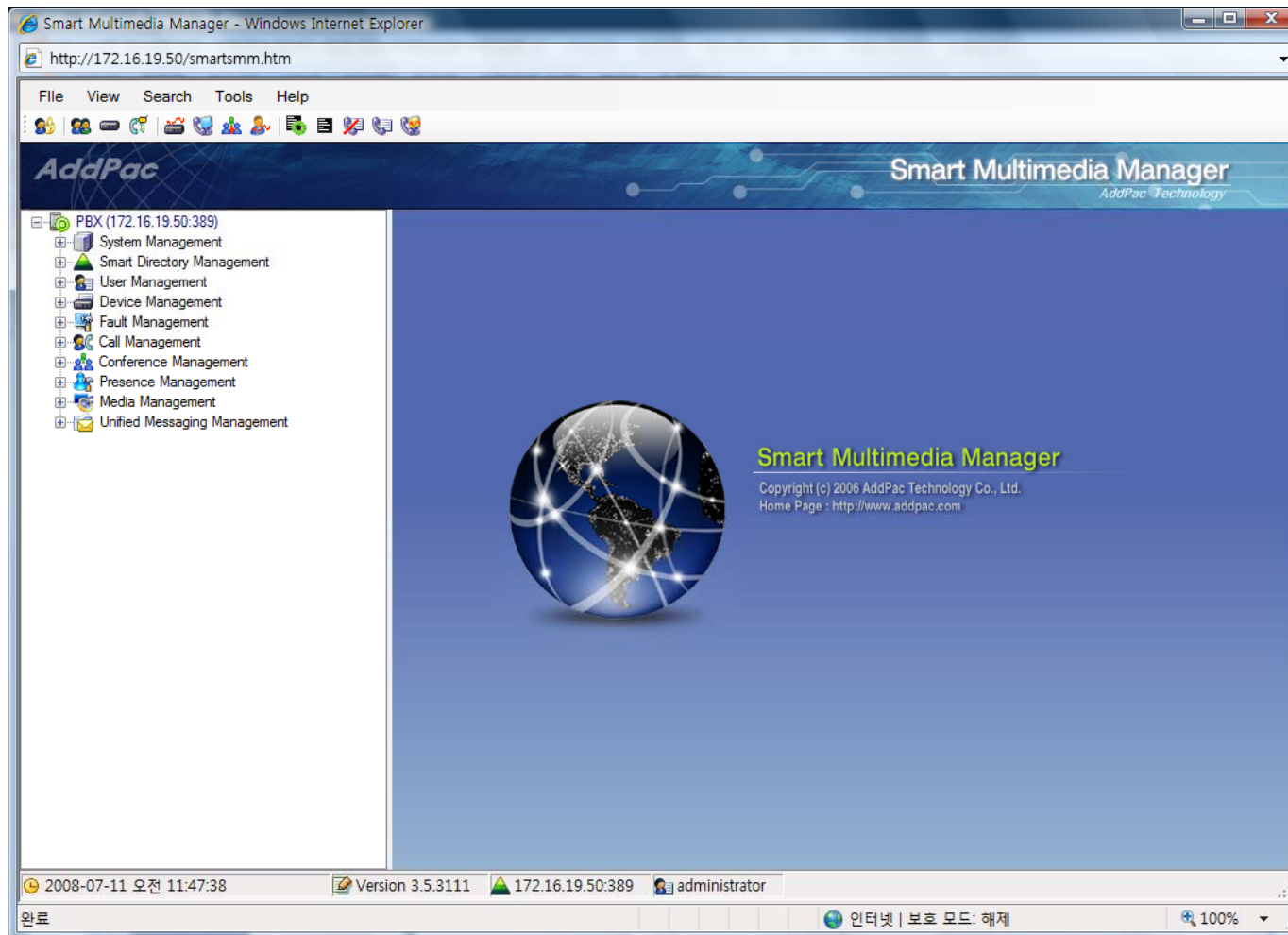
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- Service
- VoIP Interface
- System Monitoring
- User Management
- Device Management
- Call Management
- Conference Management
- User Presence Service Management
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Login



Main Screen



Menu Structure

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 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 includes the **Smart Multimedia Manager** logo, a globe graphic, and copyright information: "Copyright (c) 2006 AddPac Technology Co., Ltd. Home Page : <http://www.addpac.com>".

System Information

The screenshot shows the 'System Information' page in the AddPac Smart Multimedia Manager. The interface includes a navigation tree on the left, a main content area with several tables, and a status bar at the bottom.

System Information Table:

Name	Value	
System Model	IPNEXT50_G2	
Host Name	IP-PBX	Edit..
System Password	*****	Edit..
APOS Version	8.24	
SMM Version	3.5.3119	
Time Zone		Edit..
Current Time	Mon Jun 2 13:09:20.2008	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		

Service Table:

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

Voice Line Table:

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

External Server Table:

Name	Host	Status

Storage Table:

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 fields: one for the WAN interface and one for the LAN interface.

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 contains a tree view with 'Service' selected. The main content area is divided into several sections, each with a checkbox and configuration fields:

- TELNET**: Server Port: 23 <1-65535> (default: 23)
- HTTP**: Server Port: 80 <1-65535> (default: 80); Authentication
- 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: *****
- 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)

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' web interface in Internet Explorer. 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:

- Destination Pattern: 1000 [<0-9#><[,TF>]
- Caller ID: Caller ID
- Caller ID Type: Bellcore type1
- Line Input Gain: 2 <-31-9>
- Line Output Gain: -2 <-18-9>
- Connection PLAR: PLAR
- Destination Digits: [<0-9#>>+]

An 'Edit' button is circled in green, and a callout box points to it with the text: 'VoIP Interface Information Display, Line Destination Pattern, Call ID, Input-output Gain Setting and Configuration'. The status bar at the bottom shows the date '2008-07-11 오전 11:35:15', version '3.5.3111', and IP address '172.16.19.50:389'.

VoIP Interface (Digital Map)

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

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

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'). A callout box points to these settings with the text: 'VoIP Service Configuration : Fax Protocol, Fax Rate.'

At the bottom of the interface, 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 Windows taskbar at the very bottom shows the system tray with '안료' and '인터넷 | 보호 모드: 해제'.

System Monitoring

The screenshot displays the 'System Monitoring' page of the AddPac Smart Multimedia Manager. The interface is divided into several sections:

- Navigation Tree (Left):** Lists various management functions such as System Management, System Information, Network, Service, Voice Line, Smart Directory Management, User Management, Device Management, Fault Management, Call Management, Conference Management, Presence Management, Media Management, and Unified Messaging Management.
- System Monitoring Header:** Shows the current system being monitored: IPNext50_31.15 (172.16.19.50).
- System Section:** Contains four main monitoring widgets:
 - CPU Usage:** A bar chart showing 19% current usage.
 - CPU Usage History:** A line graph showing the historical trend of CPU usage.
 - Memory Usage:** A bar chart showing 107 MB current usage.
 - Memory Usage History:** A line graph showing the historical trend of memory usage.
- Summary Statistics (Right):**
 - CPU:** Current: 19%, Max: 26%, Min: 18%.
 - Memory (Kbyte):** Total: 131072, Used: 109664, Free: 21408.
- Status Bar (Bottom):** Displays the date and time (2008-07-11 오전 11:38:49), version (3.5.3111), IP address (172.16.19.50:80), and user (administrator). It also shows a connection status of 'Connected ok!'.

A callout box with a green border points to the CPU and Memory Usage widgets, containing the text: "CPU, Memory Utilization Realtime Monitoring and Display".

User Management

The screenshot displays the 'Smart Multimedia Manager' web interface. The left sidebar shows a tree view with 'Phone Users [4]' selected. The main content area is titled 'Phone Users' and includes a search filter section with a 'Location' dropdown set to '/5f'. Below the filter is a table with the following data:

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

A blue 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 'Total Users : 4' and 'Version 3.5.3119'.

Device Management

The screenshot displays the AddPac Smart Multimedia Manager web interface. The main content area shows the 'Devices' section with a table listing 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	

Navigation Tree (Left):

- PBX (172.16.19.50:389)
 - System Management
 - Smart Directory Management
 - User Management
 - Administrators
 - Phone Users [4]
 - 5F [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

Status Bar (Bottom):

2008-07-16 오후 2:12:01 | Version 3.5.3119 | 172.16.19.50:389 | administrator | 인터넷 | 보호 모드: 해제 | 100%

Call Management

The screenshot displays the Smart Multimedia Manager web interface. The left-hand navigation tree is expanded to show the 'Phone Number' configuration page. A callout box highlights the 'Phone Number' item in the tree, with the text: 'Call related Parameter Setup and Configuration (Dial Plan, QoS, CAC, Supplementary Service, Advanced Service, Monitoring, History..)'.

The main content area shows a table of phone numbers with the following columns: No., Phone Number, Partition, Pickup Group, Partition Access List, Park Group, Hunt Group, and Descr. The table contains 19 rows of data, all with a Partition of '5F'.

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					

At the bottom of the interface, the status bar shows: Total Numbers : 101, Search Results : 101, Version 3.5.3119, 172.16.19.50:389, administrator, and a date/time of 2008-07-16 오후 2:25:37.

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, Media Class, **Conference Rooms** (highlighted), Schedule, Monitoring, Presence Management, Media Management, and Unified Messaging Management. 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 browser's status bar at the bottom 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

The screenshot displays the 'Smart Multimedia Manager' web interface in Internet Explorer. The main content area shows a 'Presence Group' table with one entry: 'Addpac_2F'. A 'Presence Group Properties' dialog box is open, showing the configuration for this group. The dialog has three tabs: 'General', 'Boundary', and 'SpeedButton'. The 'General' tab is active, showing the following fields:

No.	Group Name	Description
1	Addpac_2F	

The 'Presence Group Properties' dialog box contains 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

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

AddPac Smart Multimedia Manager
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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!

AddPac Technology Co., Ltd.
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail sales@addpac.com