

# IPNext2000™ IP-PBX System

High-performance Fault Tolerant IP-PBX Solution

## Web based Smart Multimedia Manager



Presence Terminal  
(AP-PT100)



# **AddPac**

**AddPac Technology**

2009, Sales and Marketing



IPNext2000

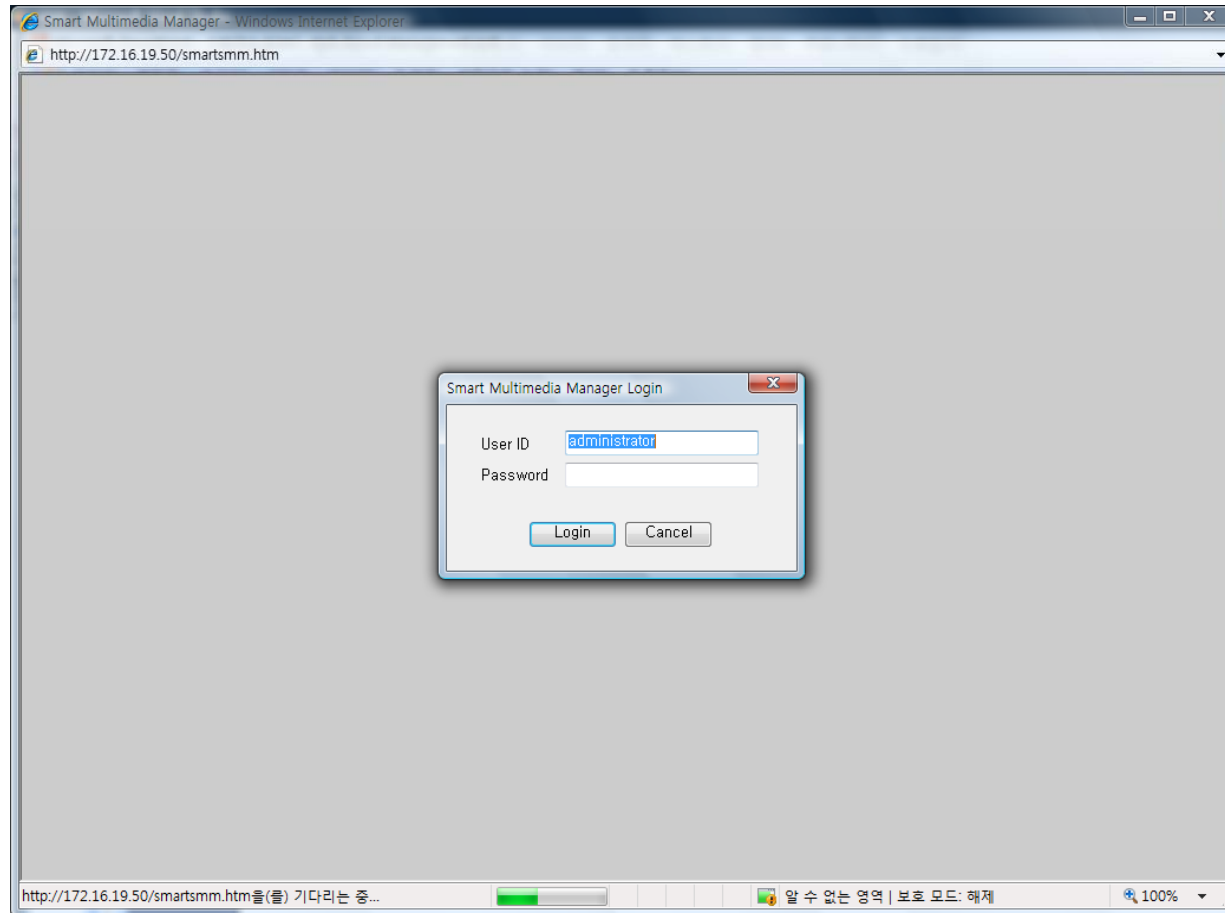
[www.addpac.com](http://www.addpac.com)

# Contents

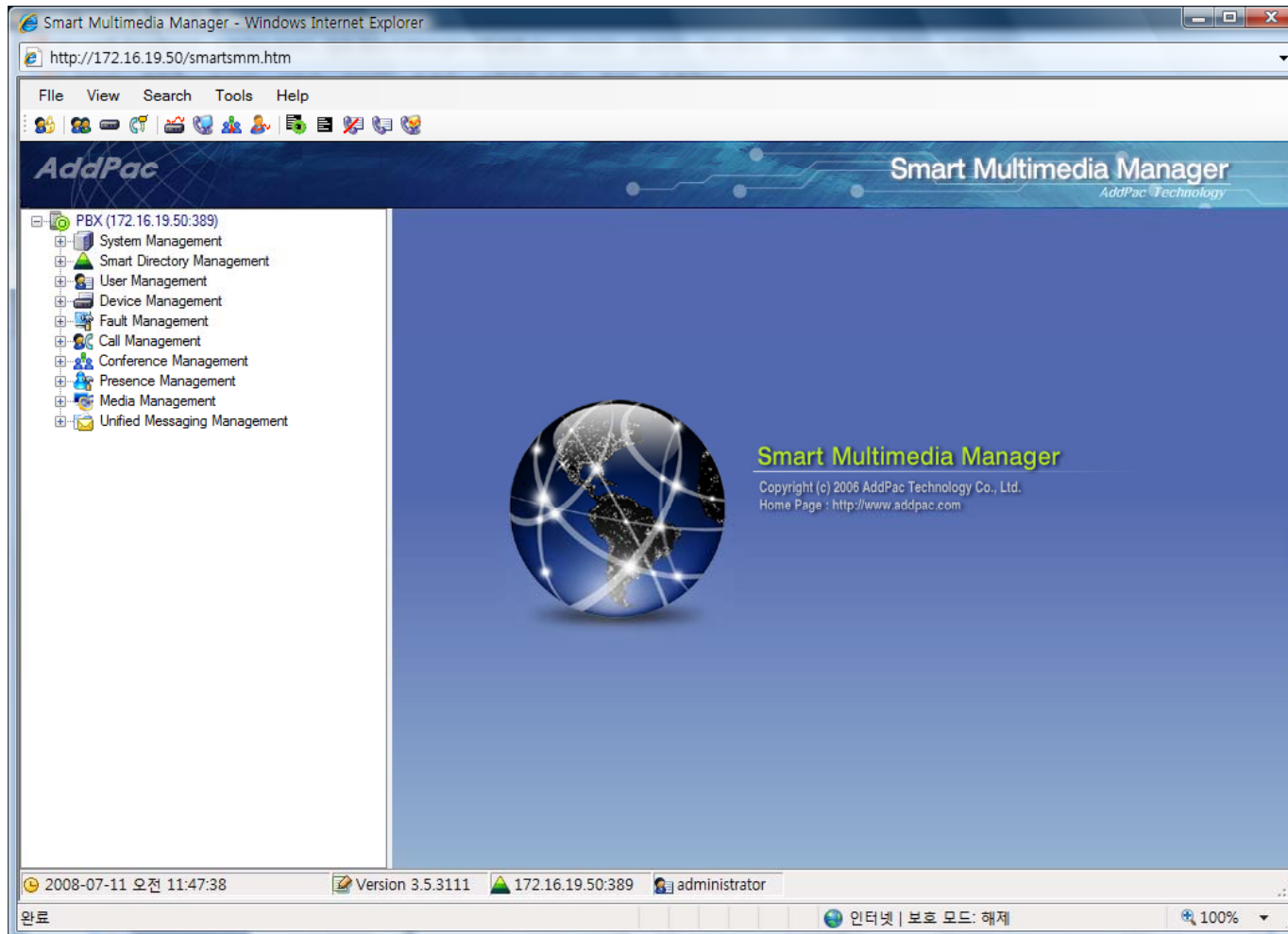
- Login
- Main Screen
- Menu Structure
- System Information
- Network
- Service
- VoIP Interface
- System Monitoring
- User Management
- Device Management
- Call Management
- Conference Management
- User Presence Service Management
- Media Service Management
- UMS Service Management



# 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. The main content area features a globe graphic and the text 'Smart Multimedia Manager' with copyright information for AddPac Technology Co., Ltd. (2006) and a home page link.

**System Management**  
Provide the configuration and setting about System Information, Network, Service, VoIP Interface of IP-PBX

**Call Management, Conference Management, Presence Management, Media Management, Unified Messaging Management**  
Management function depend on license policy of IP-PBX, support the Call Management, Conference Management, Presence Management, Media Management, Unified Messaging Management

# 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 several tables, and a status bar at the bottom.

**System Information Table:**

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		

**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 shows the 'Smart Multimedia Manager' web interface in Internet Explorer. The browser address bar shows 'http://172.16.19.50/smartsmm.htm'. The interface has a left-hand navigation tree with categories like 'System Management', 'Network', 'Service', 'Voice Line', 'System Monitoring', 'Smart Directory Management', 'User Management', 'Device Management', 'Fault Management', 'Call Management', 'Conference Management', 'Presence Management', 'Media Management', and 'Unified Messaging Management'. 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 has an 'IPv6' tab selected, showing fields for 'WAN IPv6 Interface', 'IP Address' (with a placeholder 'X:X::X:M IPv6 address'), and 'Default Router' (with a placeholder 'X:X::X IPv6 address'). Below these are fields for 'MAC(Hardware) Address' (0002.a4ff.#50) and 'MAC Address Clone' (optional). The 'LAN (Lan1) Interface' section also has an 'IPv6' tab selected, showing a field for 'LAN IPv6 Interface' with a placeholder 'X:X::X:M IPv6 address' and a 'MAC(Hardware) Address' field (0002.a4ff.#51). An 'Apply' button is at the bottom right of the configuration area. The status bar at the bottom shows the date '2008-07-14 오후 1:24:14', version '3.5.3111', IP '172.16.19.50:389', and user 'administrator'.

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 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. 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.

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
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- 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**

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

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# VoIP Interface (Service)

The screenshot displays the 'Smart Multimedia Manager' web interface in a Windows Internet Explorer browser window. 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 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 level.

# System Monitoring

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

**System Monitoring**  
IPNext50\_31.15 (172.16.19.50)

System

CPU Usage: 19 %

CPU Usage History

CPU: Current : 19 %  
Max : 26 %  
Min : 18 %

Memory Usage: 107 MB

Memory Usage History

Memory (Kbyte): Total : 131072  
Used : 109664  
Free : 21408

CPU, Memory Utilization Realtime Monitoring and Display

(172.16.19.50:80) Connected ok!

2008-07-11 오전 11:38:49 Version 3.5.3111 172.16.19.50:389 administrator

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# User Management

The screenshot displays the 'Smart Multimedia Manager' web interface in a Windows Internet Explorer browser window. The address bar shows 'http://172.16.19.50/smartsmm.htm'. The interface includes a navigation tree on the left with categories like System Management, Smart Directory Management, User Management, Administrators, Phone Users [4], Device Management, Devices [3], Device Pool, Device Profile, Monitoring, Fault Management, Call Management, Conference Management, Presence Management, Media Management, and Unified Messaging Management. The main content area is titled 'Phone Users' and features a search filter section with a 'Location' dropdown set to '/5f'. The filter section includes a 'Filter' table with columns for 'Filter Name', 'Rule', and 'Word'. Below this is a table listing phone users with columns for 'Name', 'User ID', 'Type', 'Phone Number', and 'Description'. 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 shows 'Total Users : 4', the date '2008-07-16 오후 2:10:11', the version 'Version 3.5.3119', the IP address '172.16.19.50:389', and the user 'administrator'.

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	

# 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

AddPac Smart Multimedia Manager  
AddPac Technology

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 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 and a main content area on the right. The navigation tree includes categories like System Management, User Management, and Conference Management, with 'Conference Rooms' highlighted under the 'Configuration' sub-category. The main content area displays a table titled 'Conference Rooms' 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", and the IP address as "172.16.19.50:389".

# User Presence 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
- 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>

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

**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

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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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