

AP-VAC50

IP Video Door Phone

High Performance IP Video Door Phone Solution



Multi-Attendant Group Video Call Service

AddPac

AddPac Technology

Sales and Marketing

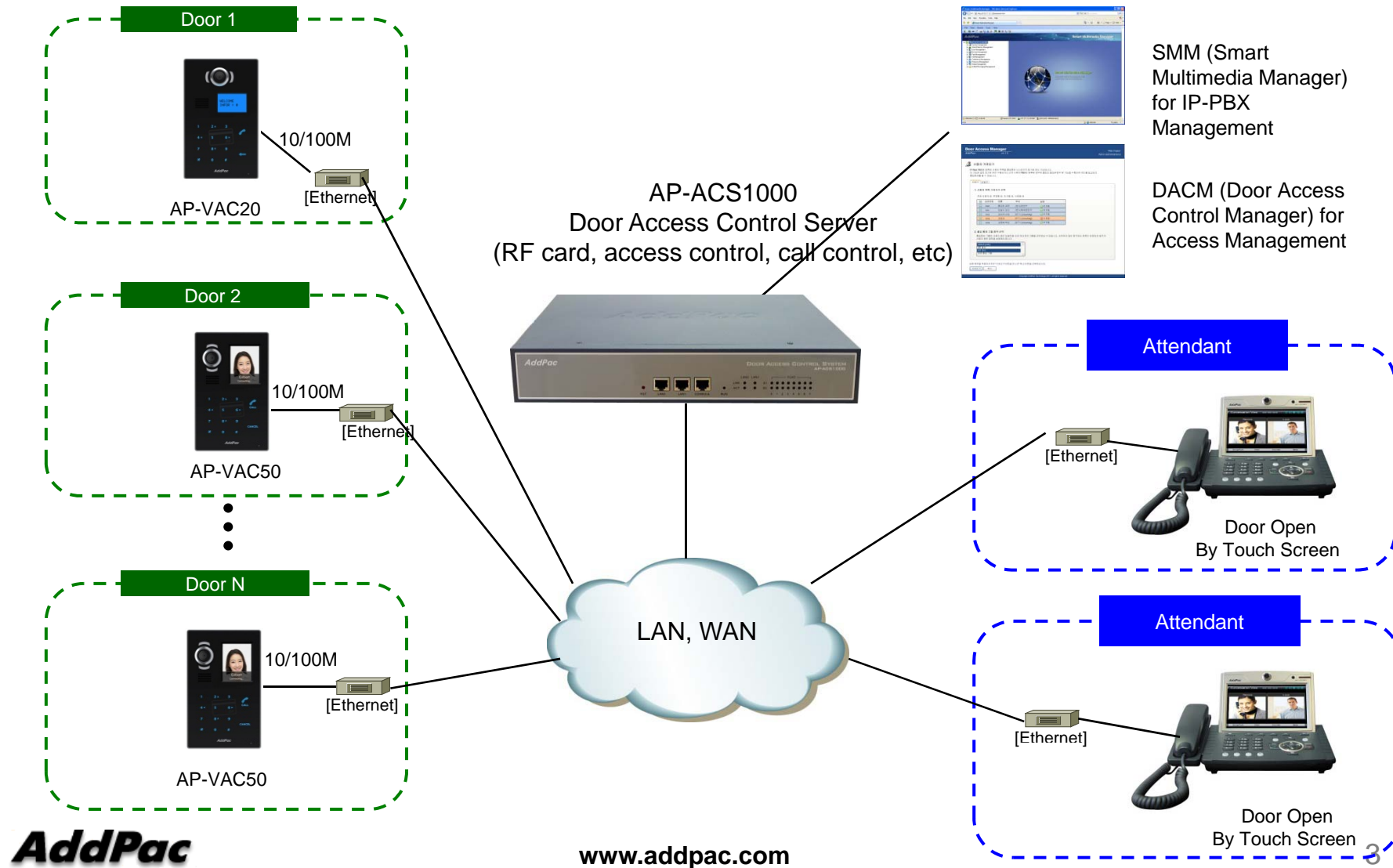
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Contents

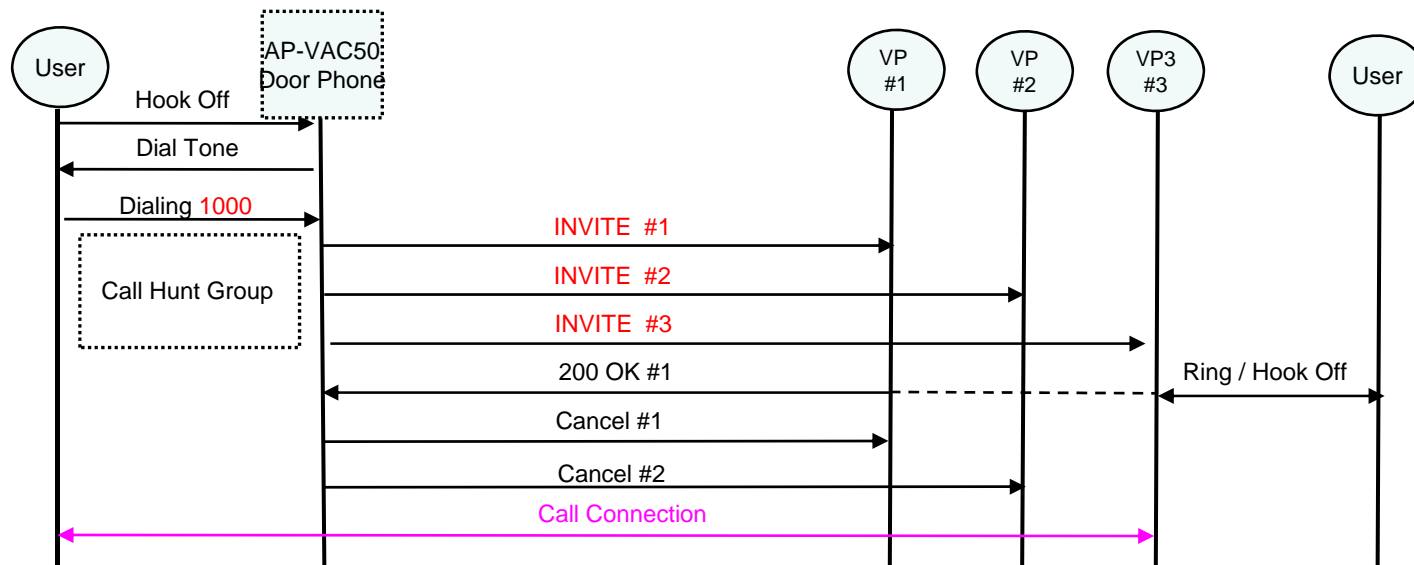
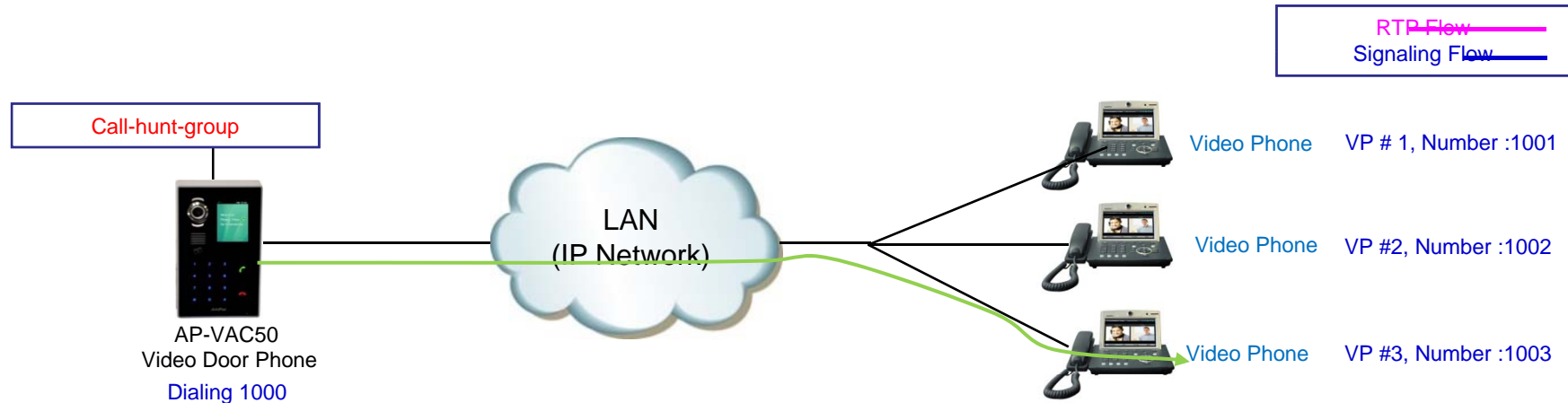
- Normal Multi-Attendant Video Call Model
- Multi-Attendant Group Video Call Model
- Call Manager + MCU Protocols
- IP Video MCU (Ex: AP-MC2000)
- Video MCU Service Features



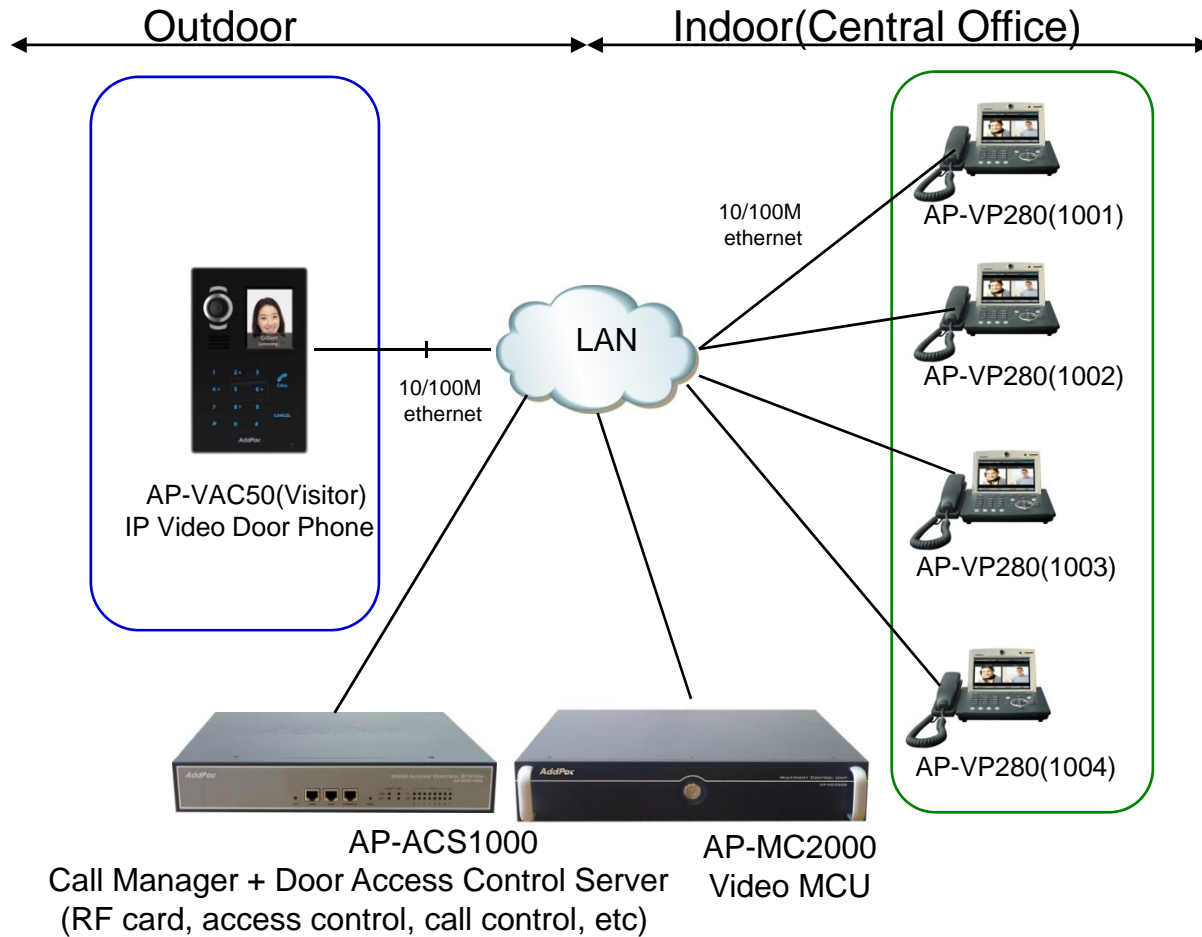
Normal Multi-Attendant Call Model



Normal Multi-Attendant Call Model Signaling Flow

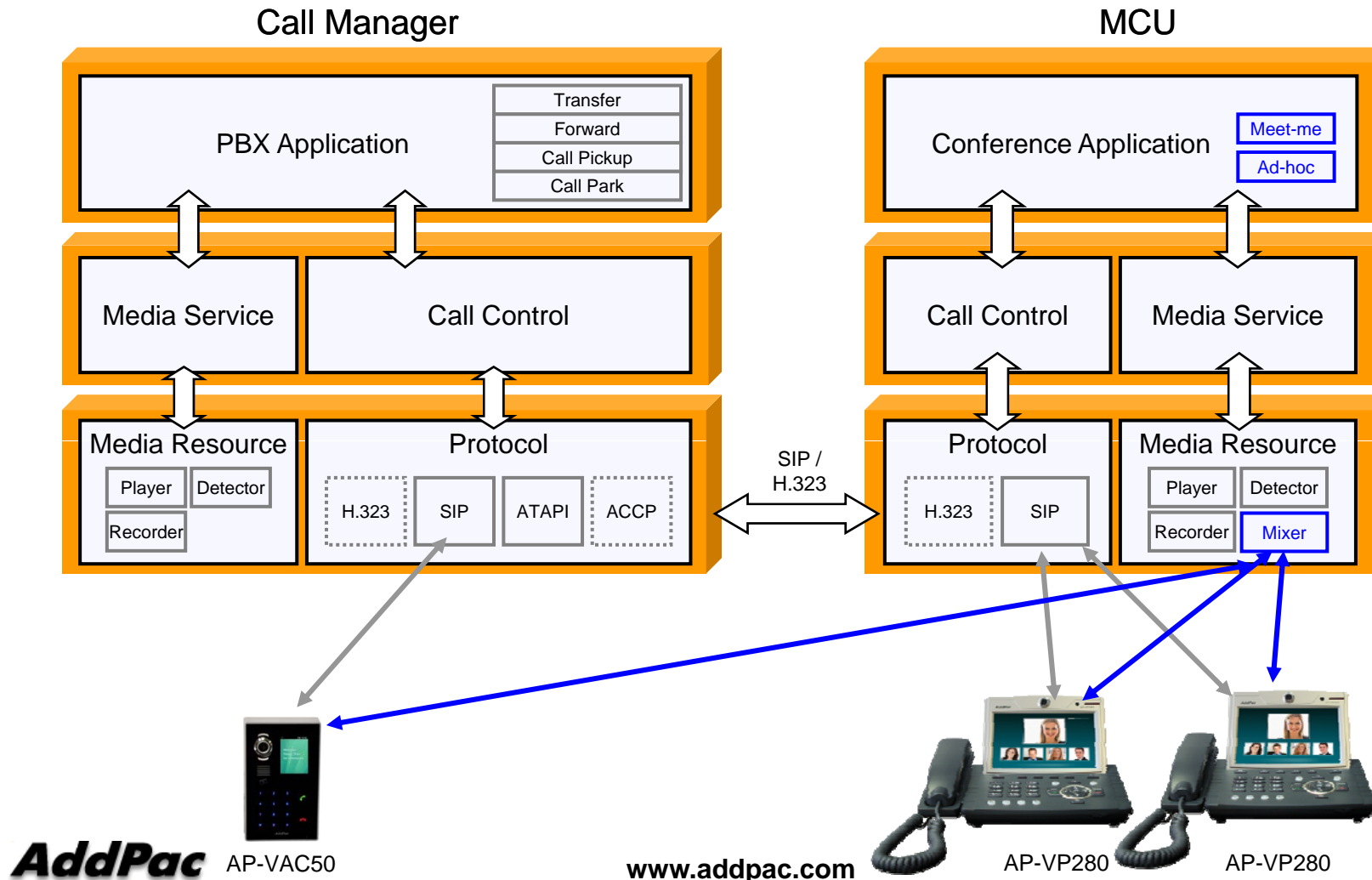


Multi-Attendant Group Video Call Model



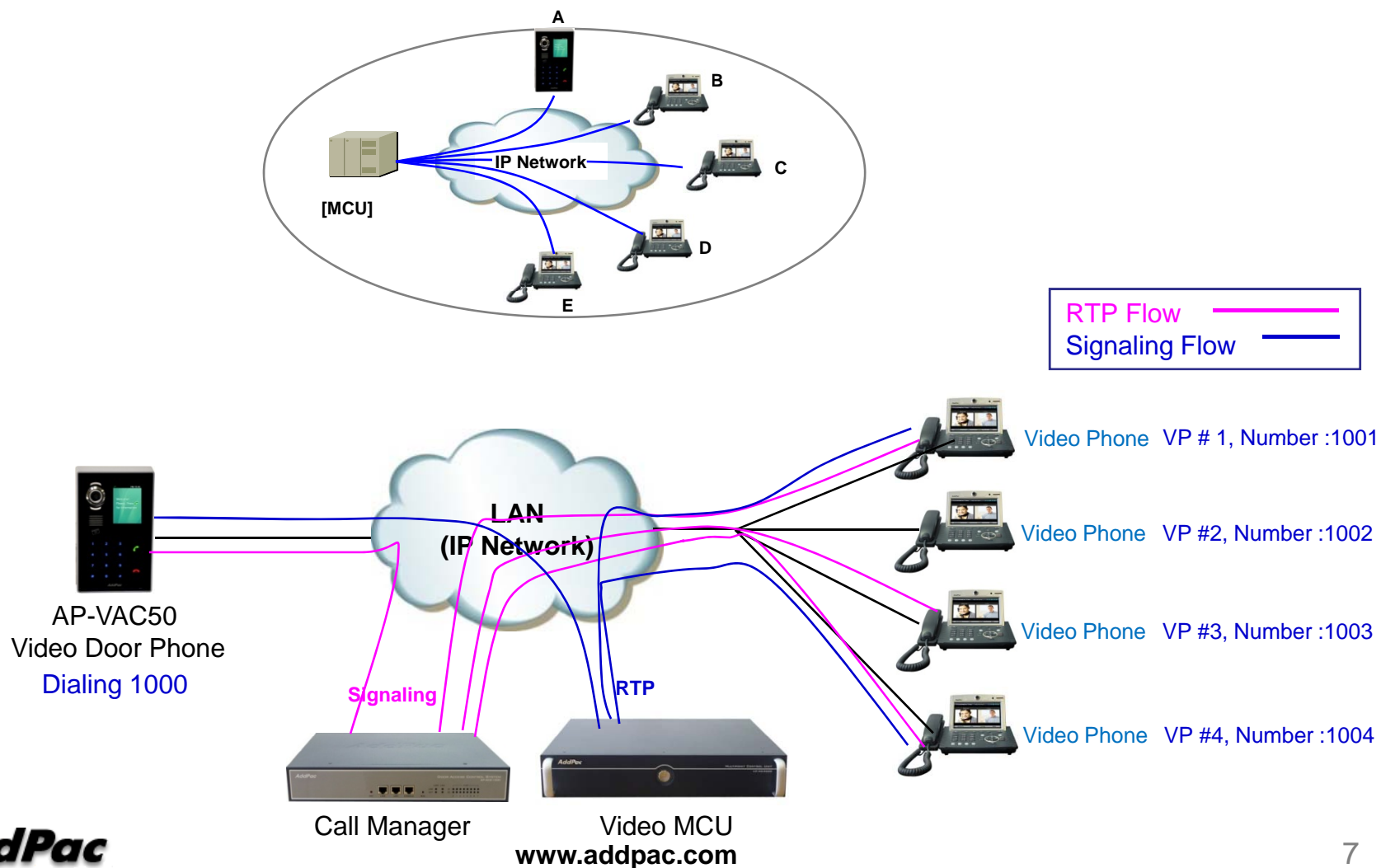
- Benefits are**
- In this video group call model, several attendant can response to the visitor's call.
 - Even though single attendant is only wake up among attendant group, this attendant can response to the visitor's call. So attendant redundancy is possible

Call Manager + MCU Interworking Protocol Stack



Signaling and RTP Flow for Group Video Call Model

Multipoint Video Service





AP-MC2000 IP Video MCU

Main Features

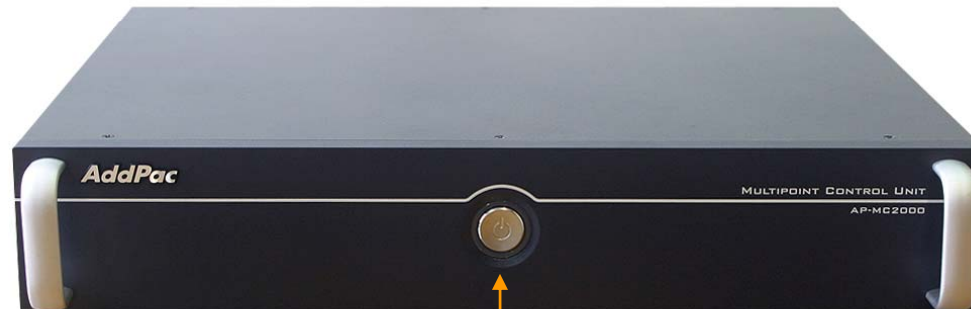
AP-MC2000 IP Video MCU

- IP based Multipoint Audio/Video Mixing Solution
- Support Various Conference System Model(Add-Hoc, Dial-Out, Meet Me)
- Multi-User/Multi-Session Video Conference Support
- Up to 16-Party Video Conference Mode Support
- H.263, MPEG4, H.264 Video Codec Support
- G.722/G.711/G.726/G.729/G.723,etc Voice Codec Support
- H.323/SIP VoIP Signaling Support
- H.323 GateKeeper Internal Support
- External SIP Proxy Server Interworking Support
- Scalability and Flexibility
- High-performance Video, Audio, and Voice Service
- Firmware Upgradeable Architecture
- Video Solution with Outstanding Network Service Capability
- Audio/Video Privacy Protection

Hardware Specification

AP-MC2000 IP Video MCU

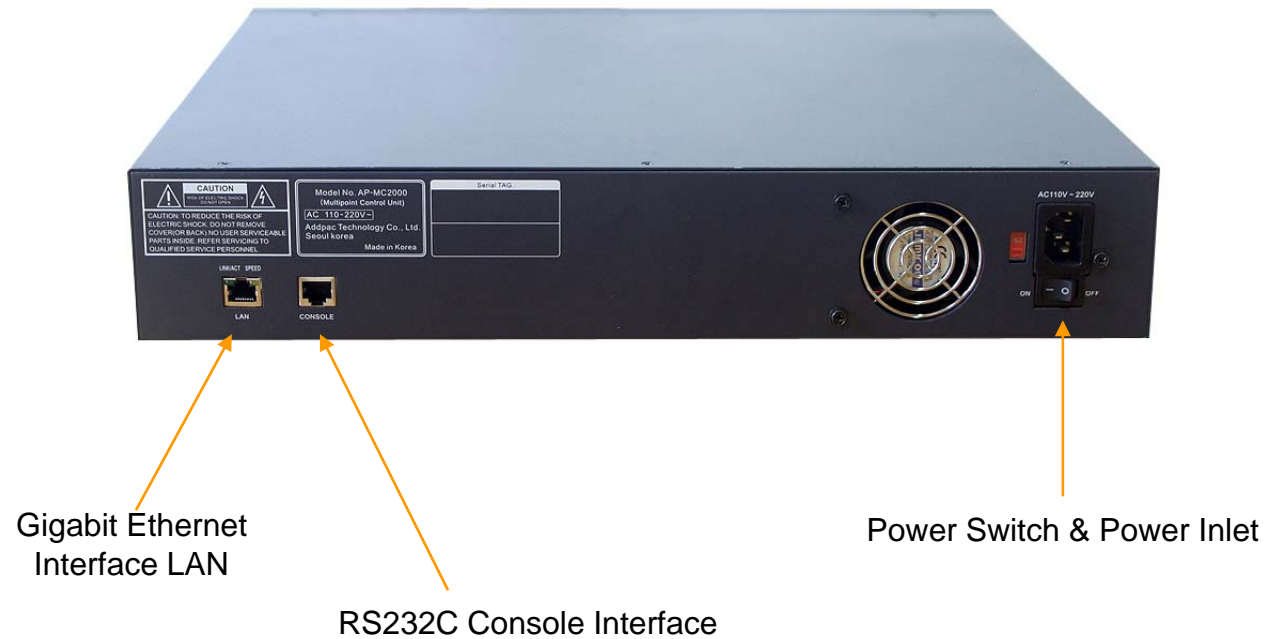
- High Performance Computing Power
- Programmable Hardware Architecture
- Main Chassis
 - Network Interface
 - One(1) 10/100/1000Mbps Gigabit Ethernet
 - One(1) RS-232C Console (RJ45)



Power ON/OFF Switch

Hardware Specification

AP-MC2000 Video MCU





Video MCU Service Features

Contents

- Video Display Layout
- Dynamic Session Management
- Personal Feature
- Video Conference Signaling
- MCU Management (SMM)
- OSD (Video Phone, Video Terminal, etc)
- Media Class
- Conference Room
 - Speaking Mode
 - Voice Switching
- Active Conference
- Conference Scheduling

Video Display Layout

- **Various Layout**
 - 31 types (Symmetric Layout, Asymmetric Layout)
 - Symmetric Layout : same participant picture size
 - Asymmetric Layout : asymmetric participant picture size
 - Auto, Manually : can choice a specific video layout when a conference is started
- **Dynamic control**
 - Dynamic layout change
 - Dynamic participant movement
- **Floor**
 - Can distinguish a participant by using the concept of the right of a speaking participant
 - Floor to full screen
- **Name display**
 - Display or hide the name of a participant dynamically
- **Border**
 - Three kind of a participant picture border : empty border, a participant boarder, a speaker boarder

Personal Feature*

- Individual (Per Connection) Rate Control for Down Stream
 - Codec, Picture Size, etc
- Personal Layout
 - Example, Zooming for Detailed View

Video Conference Signaling

- Dial-in
 - Even in Dial-out started Video Conference, a participant can join the Video Conference if a participant knows the conference room number in outside.
- Mic off of invisible participant
 - Can turn off MIC of a invisible participant.
- Forced Mute (audio, video)
 - Can mute Audio/Video Capability of a participant via SMM or in Chair, Operator Terminal (Video Phone).
- Virtual Audience
 - Broadcasting solution
 - Can monitor the video conference via inter-working with AddPac Broadcasting Server.
- H323 Support *
 - Floor control(H.243)
 - Dual Video (H.239)

MCU Management (SMM)

Smart Multimedia Management

- Initial Setting
 - Video Layout Setting
 - User class
 - Chair, Operator, Participant, Audience
 - Initial position
- Active Monitoring
 - Monitoring
 - Snapshot
 - Control
 - Layout
 - Move party
 - Floor
 - Mute
- Video Conference Scheduling*
 - Scheduled Dial-Out Conference

Conference Room

Conference Name & Description
Conference Name
Description

Conference Number
Conference Number

Conference Type
: Dial-out, Meet me, AddHoc
Conference Type: Dial-Out Conference

Media Type
Select Conference Media Type
Media Type: Audio Video + Audio

Audio Codec
Select a conference audio codec
Audio Codec: G.711U

Maximum Participant
(Can select in Meet-Me conference type only)
Max Participant: 16

Close on Chair Out
Conference Disconnected if chair hang up phone
 Close on Chair Out

Secret Room
-Secret room and Room Password
-(Can select in Meet-Me conference type only)
 Secret Room
Room Password: (4 digit)

Video Endpoint
In case of Video Media type, select the video parameter of endpoint.
Video Support | EndPoint | Layout
Video Type: Continuous presence
Target Rate: 1024K
Picture Size: 640x480
Video Codec: MPEG4
Frame Rate: 30 fps

Video Support
In case of Video Media Type, select the video information

Ok Cancel

Conference - Layout

The screenshot shows the 'Add Conference' dialog box with the 'Video' tab selected. The 'Layout' sub-tab is active, showing settings for video layout and participant display. Several settings are highlighted with yellow callout boxes:

- Video Layout Mode**: - Auto (symmetric, asymmetric) - manual
- Arrange Mode**: -(dynamic, fixed, fixed reserved)
- Video Layout**: - Select the video layout
- Floor Assign Mode**: Floor 권한 할당에 대한 방법 설정. (After Release, On Request)
- Floor to Full Screen**: - Floor to Full Screen Enable/Disable in symmetric, asymmetric Layout Mode.
- Display Participant Name**: - Participant Name Display Enable/Disable and Location of Name Display
- Color**: - Layout border and Floor, Background Color Setting.
- Mic off of Invisible Participant**

The dialog box includes fields for Conference Name, Description, Conference Number, Conference Type, Partition, Media Type (Audio, Video + Audio), Audio Codec, Max Participant, Close on Chair, Secret Room, Room Password (4 digit), and buttons for Ok and Cancel.

Conference - Participants

Conference Properties

General | **Participants** | Virtual Audience

Phone Number	Par...	User
1002		hwang woo sun
1003		sim sang kwon
1004		lee young sik
1005		oh hyoung suk
1006		lee myoung won
1007		choi jin suk
1008		lee min ji
1010		kwon jong hwi
1012		kim sang mi
1013		you jae won
1015		jang byoung ju
1018		kim kyoung nam
1019		kim chang yeon
1020		kwon young pil
1021		kim do hyoung
1024		kim kwang
1026		lee jung hyuk
1027		kim so young
1101		choi woo suk
1102		sin kwang woong
1500		choi jin suk
3003		
		kim kyoung nam
		kim so young
4002		
4003		

Enter External Phone Number

Add

Conference Participants							
Number	Partition	User	Type	User Class	Media Type	Position	Display Name
3001		Steven	Internal	Chair	Video		
3004		John	Internal	Participant	Video		
3005		Jane	Internal	Participant	Video		
3010		Sally	Internal	Participant	Video		

Ok Cancel

Phone Number
Participant Phone List

External Phone Number
Register the external phone line number by inputting number directly

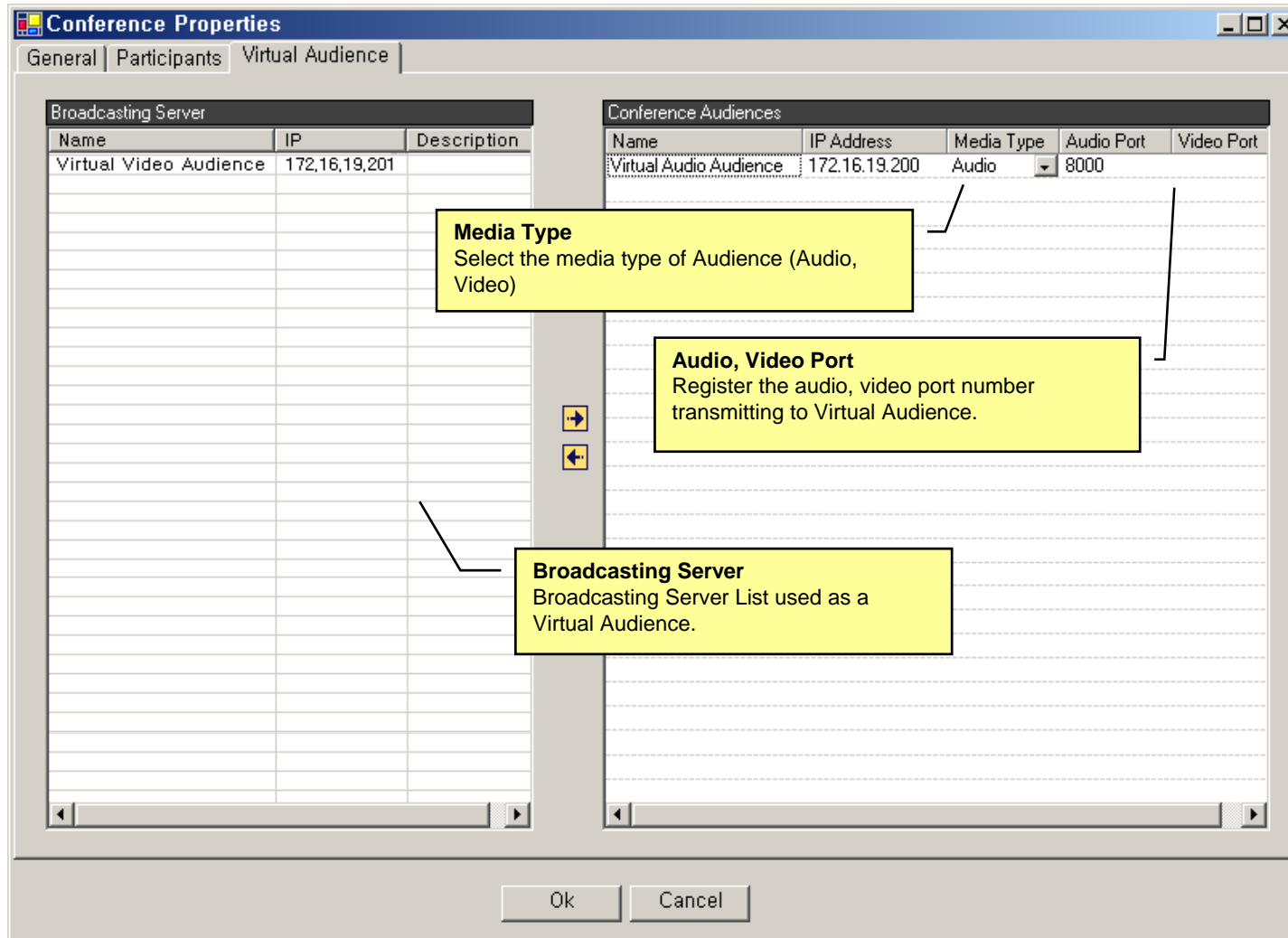
User Class
(Chair, Operator, Participant, Audience)

Media Type
(Audio, Audio (Seat Reserved), Video)

Position
In case of video media type, Select the location of a participant in video layout

Display Name
A Participant Display Name

Conference – Virtual Audience



Active Conference (1)

Smart Multimedia Manager - [Active Conferences]

File View Tools Window Help

AddPac Smart Multimedia Manager

172.16.201.100 172.16.11.120

Conference Name	Conference Number	Status	Conference Type	Start Time	Duration (s..	Media Type	Floor to Full..	Layout Mode	Arrange Mode	Layout	No. of Pa..
nms conference	7100	Running	Dial-Out	20061207-14:33:45	82	Video	On	Manual	Dynamic		3

Participants (nms conference)

Participant Name	Phone Number	IP	Status	Audio	Video	Floor	In Picture	Reason
choi jin suk(js.choi)	1500	172.16.19.103	Connected					
kim kyoung nam(kn...	3500	172.16.12.30	Connected					
lee joungh hyuk(jh.lee)	6010	172.16.11.110	Connected					

172.16.201.100 (Ok) 172.16.11.120 (Ok)

2006-12-07 오후 2:35:08 Version 2.9.2532.21338 172.16.201.100:389 administrator

Conference
Display the current conference room list

Participants
Display the participant list in conference room each

Active Conference (2)

Conference
Conference parameter setting is possible dynamically in current conference call

Conference Name	Conference Number	Status	Conference Type	Start Time	Duration (s..)	Media Type	Floor to Full..	Layout Mode	Arrange Mode	Layout	No. of Pa..
nms conference	7100	Running	Dial-Out	20061207-14:33:45	173	Video	On	Manual	Dynamic	[Layout Icon]	3

Participants (nms conference)									
Participant Name	Phone Number	IP	Status	Audio	Video	Floor	In Picture	Reason	
choi jin suk(js.choi)	1500	172.16.19.103	Connected	[Audio Icon]	[Video Icon]		[In Picture Icon]		
kim kyoung nam(kn...	3500	172.16.12.30	Connected	[Audio Icon]	[Video Icon]		[In Picture Icon]		
lee jong hyuk(jh.lee)	6010	172.16.11.110	Connected	[Audio Icon]	[Video Icon]		[In Picture Icon]		

Active Conference (3)

The screenshot displays the 'Smart Multimedia Manager' interface. At the top, there is a menu bar (File, View, Tools, Window, Help) and a toolbar. The main window title is 'Smart Multimedia Manager - [Active Conferences]'. Below the title bar, there is a header with the 'AddPac' logo and 'Smart Multimedia Manager' text. The interface shows two IP addresses: 172.16.201.100 and 172.16.11.120. A 'Conference' table is visible, listing a single active conference named 'nms conference' with ID 7100, status 'Running', and 3 participants. A 'Conference Snapshot' window is open, showing a grid of video thumbnails and a 'Refresh Interval' of 5 seconds. A 'Participants' table is also open, listing three participants: 'choi jin suk', 'kim kyoung nam', and 'lee jounghyuk', all with 'Connected' status. Two yellow callout boxes provide additional information: one for the 'Conference Snapshot' and another for the 'Participants' table.

Conference Snapshot
Display the real-time still image of a current video conference call

Conference Name	Conference Number	Status	Conference Type	Start Time	Duration (s..)	Media Type	Floor to Full..	Layout Mode	Arrange Mode	Layout	No. of Pa..
nms conference	7100	Running	Dial-Out	20061207-14:33:45	318	Video	On	Manual	Dynamic	[Grid Icon]	3

Participant Name	Phone Number	IP	Status	Audio	Video	Floor	In Picture	Reason
choi jin suk(js.choi)	1500	172.16.19.103	Connected	[Icon]	[Icon]		[Grid Icon]	
kim kyoung nam(kn...)	3500	172.16.12.30	Connected	[Icon]	[Icon]		[Grid Icon]	
lee jounghyuk(jh.lee)	6010	172.16.11.110	Connected	[Icon]	[Icon]		[Grid Icon]	

Participants
Participant parameter setting is possible dynamically in current conference call

OSD (Video Phone, Video Terminal, etc)

- Conference Management (Chair, Operator)
 - Layout
 - Move party
 - Floor
 - Mute
- Indicator
- Floor



Conference Room

- Application >> Conference Room
 - conference list

Annotations for the Conference Room interface:

- Conference room**: -Lock, -unlock
- Conference type**: -video, -audio
- User in conference / maximum**: (points to the 3/16, 0/4, 0/16 columns)
- Dial-in conference**: - gray : not active, - Colored : active
- Meet-me conference**: - gray : not active, - Colored : active
- Conference name**: (points to the 'Conference 1-3' column)
- Conference number**: (points to the '1000, 2000, 8888' column)
- Conference layout**: (points to the layout icons on the right)
- See Detail Participant list**: (points to the 'Detail View' button)

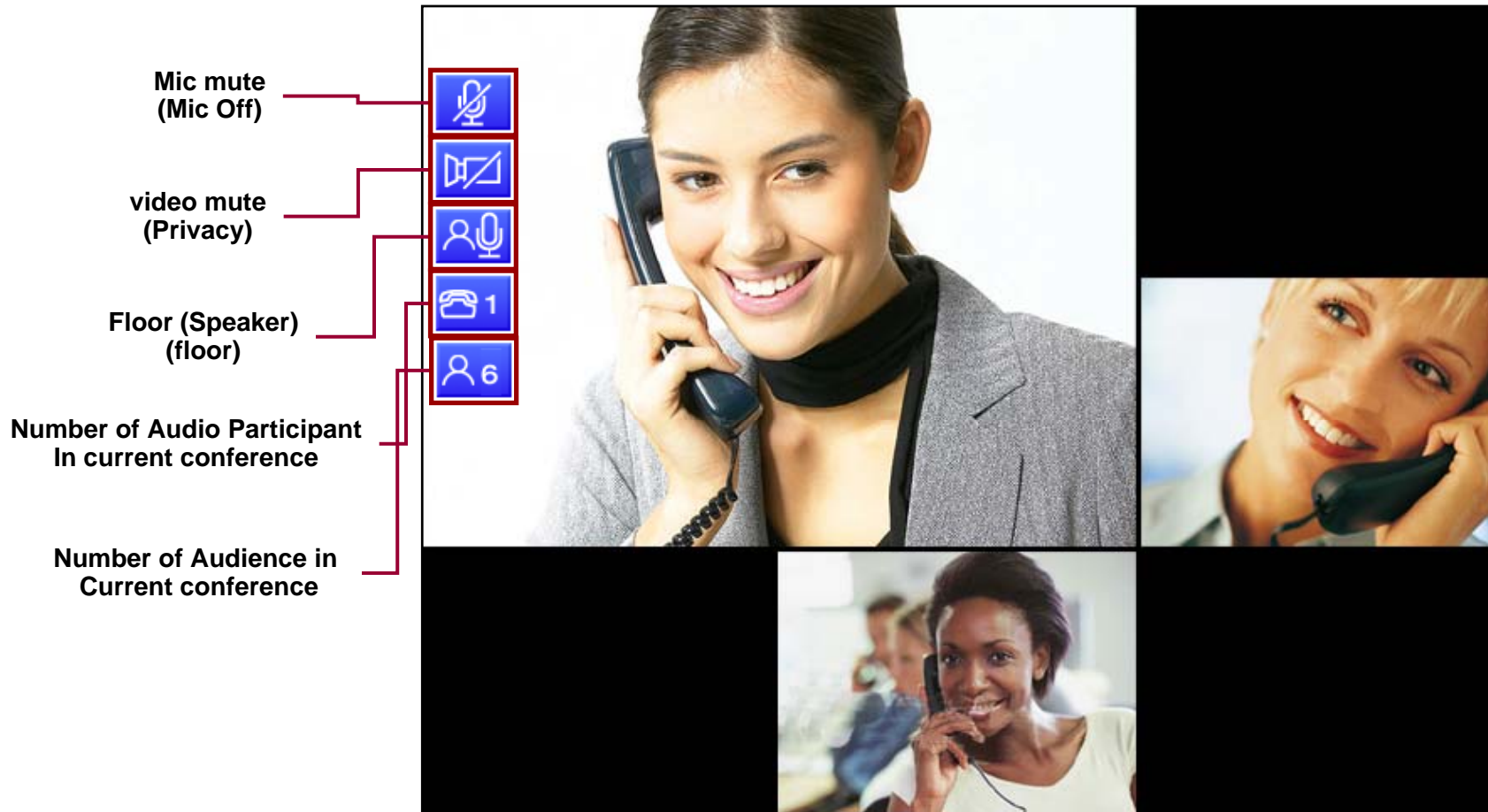
Conference Name	Conference Number	User in conference / maximum	Conference room	Conference type
Conference 1	1000	3/16	-Lock, -unlock	-video, -audio
Conference 2	2000	0/4	-Lock, -unlock	-video, -audio
Conference 3	8888	0/16	-Lock, -unlock	-video, -audio

Conference Open

- Conference open
 - OK or Send Key in Conference Room List
 - Dialing using Conference Room List

Indicators

- User conference status information (function key)



Add Party

- New User Invite in Current Conference

Add Party

ON AIR NUM

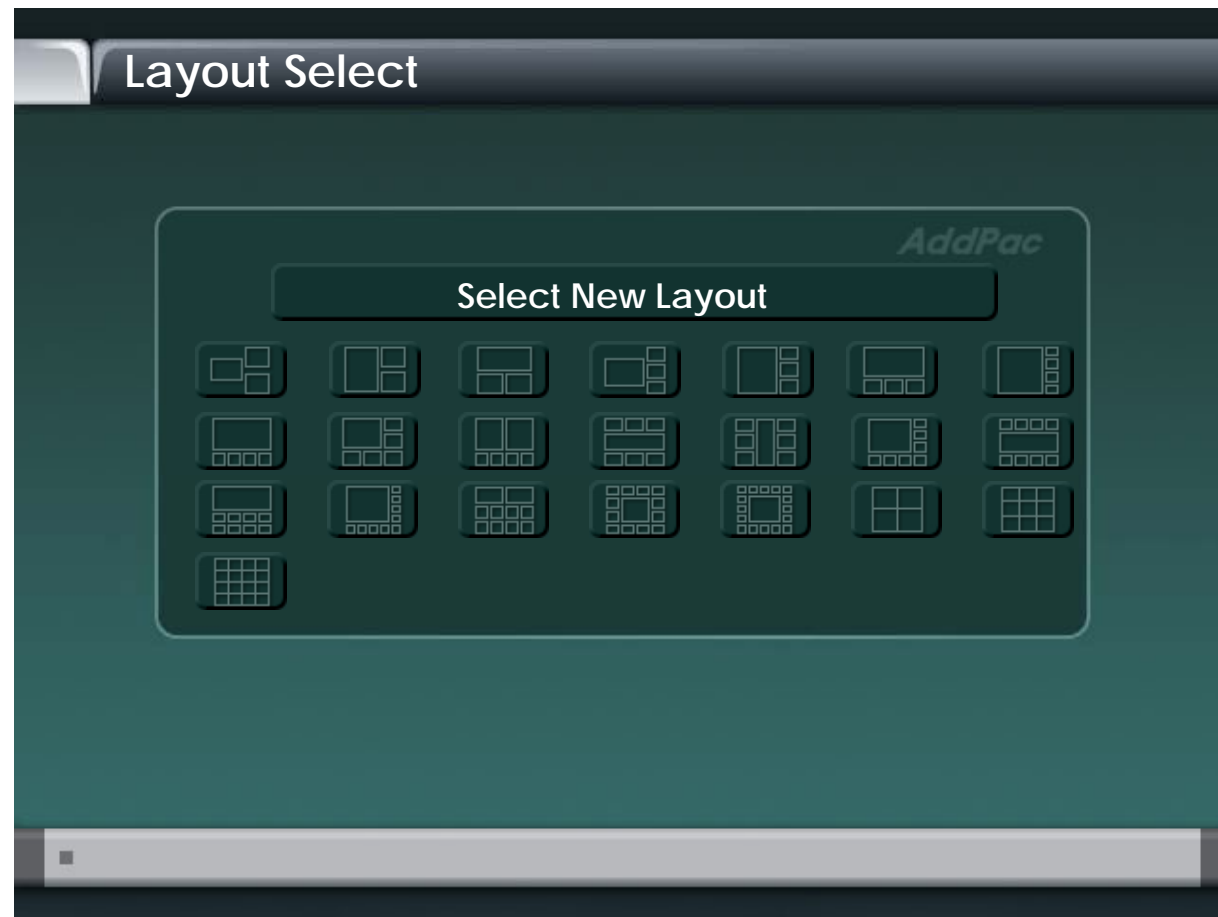
Invite new user — Incoming Call

Select User class
-participant
-audience — 3000

Select Media type
-audio call
-video call — Participant Audio Call

Layout

- Video Layout Change in current conference



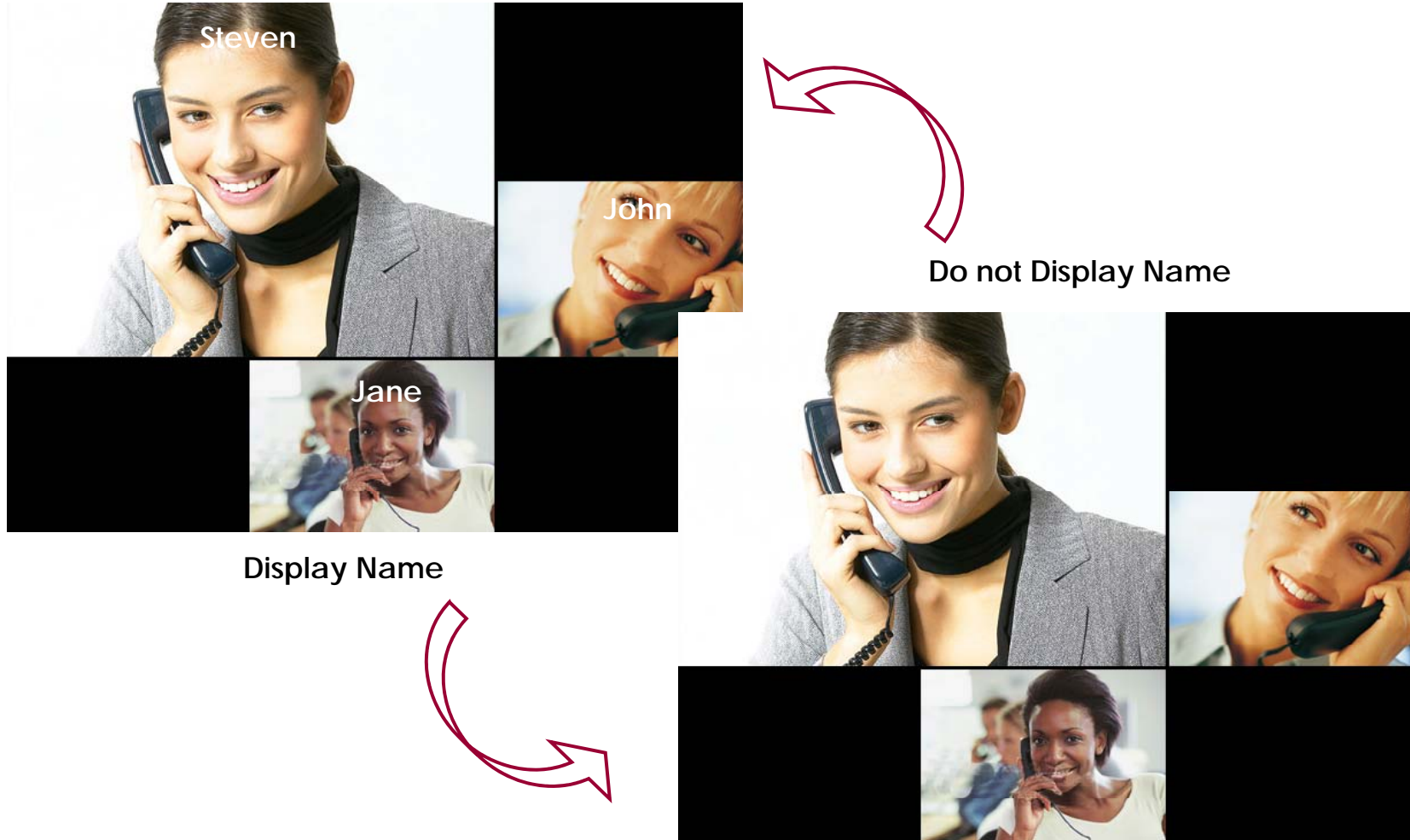
Floor To Full Screen

- Large view display mode : Floor Participant



Display Name

- Conference Participant Name Display Enable/Disable



Accept

- User unregistered want to join the conference
 - User can join the conference by Chair or Operator's Permission,

Accept

ON AIR

NUM

Incoming Call

3000

Conference Join Accept

Conference Join Reject

Accept

Reject

Participant

Audio Call

User class
-participant
-audience

Media type
-audio call
-video call

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Participant info

- Party Info
 - Simple Participant info list View/Modification
 - Chair, Operator can modify the status of participant
 - Participant, Audience can read only the status of participant



Detail participant list

- Can view the status information of member In conference

The screenshot shows the 'Participant List' interface. At the top, there are control buttons: 'ON AIR', a network icon, a microphone icon, 'NUM', and a refresh icon. The list contains four participants: Sally (3010), Stever (3001), Jane (3005), and John (3004). Each row includes a user class icon, name, number, media type icons (video and audio), and an audio/video enable status icon. A 'position' icon is also present. At the bottom, there are buttons for 'Assign Floor', 'Remove Party', 'Position', and 'more'.

Media type
-video
-audio

Audio/Video enable status

position

User class

Participant's name

Participant's number

User class	Participant's name	Participant's number	Media type	Audio/Video enable status	position
[User Class Icon]	Sally	3010	[Video/Audio Icons]	[Status Icon]	[Position Icon]
[User Class Icon]	Stever	3001	[Video/Audio Icons]	[Status Icon]	[Position Icon]
[User Class Icon]	Jane	3005	[Video/Audio Icons]	[Status Icon]	[Position Icon]
[User Class Icon]	John	3004	[Video/Audio Icons]	[Status Icon]	[Position Icon]

Assign Floor Remove Party Position more

Assign floor

- Give floor (Right of Speaking) to Participant selected in List
 - The ICON of Participant having Floor is changed as MIC ICON

The screenshot displays the 'Participant List' interface. At the top, there are control icons for 'ON AIR', a grid, a microphone, 'NUM', and a refresh icon. The list contains four participants: Sally (ID 3010), Steven (ID 3001), Jane (ID 3005), and John (ID 3004). Each participant row includes a profile icon, name, ID, and several control icons (microphone, camera, screen). Steven's profile icon is highlighted with a red box and labeled 'Have a right of speaking'. Jane's profile icon is highlighted with a red box and labeled 'Don't have a right of speaking'. At the bottom, a control bar contains buttons for 'Assign Floor', 'Remove Party', 'Position', and 'more'. A red box highlights the 'Assign Floor' button, with a label 'Give Floor (Speaker) to Participant' pointing to it.

Participant Icon	Name	ID	Microphone Icon	Camera Icon	Screen Icon
	Sally	3010			
	Steven	3001			
	Jane	3005			
	John	3004			

Remove Party

- Conference Call Disconnect of a Participant selected in List

The screenshot displays the 'Participant List' interface. At the top, there are icons for 'ON AIR', a grid, a phone, 'NUM', and a moon. The list contains four participants: Sally (3010), Steven (3001), Jane (3005), and John (3004). The 'Jane' row is highlighted with a red box, and a red line connects it to the text 'Participant Select'. Below the list, a control bar contains buttons for 'Assign Floor', 'Remove Party', 'Position', and 'more'. The 'Remove Party' button is highlighted with a red box, and a red line connects it to the text 'Conference call disconnect of a participant selected'.

Participant Icon	Name	Number	Microphone	Headset	Camera	Screen
	Sally	3010				
	Steven	3001				
	Jane	3005				
	John	3004				

Position

- Participant Location Change In Conference View Layout
- Display the Position List in current conference view layout



User Class

- Change the Right of Participant selected in List
- User class icon change



Audio/Video Mute

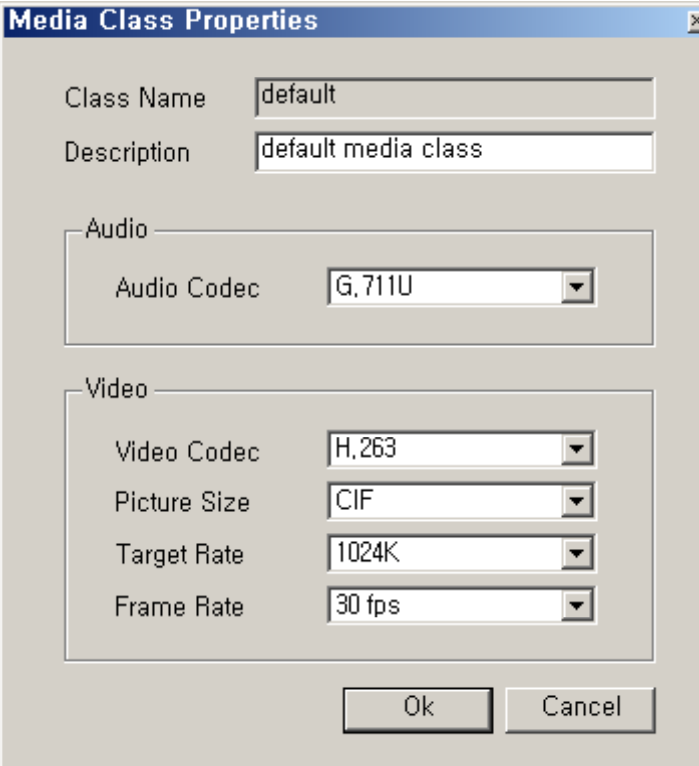
- audio, video mute enable/disable

The screenshot displays the 'Participant List' interface. At the top right, there are control buttons for 'ON AIR', a grid icon, a phone icon, 'NUM', and a mute icon. Two red lines point from the text 'Audio Mute/Enable' and 'Video Mute/Enable' to these buttons. The main area is a table with four participants: Sally (ID 3010), Steven (ID 3001), Jane (ID 3005), and John (ID 3004). Each row has icons for audio and video. A red box highlights the audio and video icons for Steven and Jane, with a red line pointing from the text 'Audio, video mute/ enable' to this box. At the bottom, a navigation bar contains 'User Class', 'Audio Enable', 'Video Mute', and 'more'. A red box highlights the 'Audio Enable' and 'Video Mute' buttons, with a red line pointing from the text 'Audio, video mute/ enable' to this box.

Participant	ID	Audio Mute/Enable	Video Mute/Enable
Sally	3010	Enabled	Enabled
Steven	3001	Muted	Muted
Jane	3005	Muted	Muted
John	3004	Enabled	Enabled

Media Class (New)

- **Media Class** represents the profile information about Audio, Video Codecs, and is used for configuration at conference setup



The screenshot shows a dialog box titled "Media Class Properties" with a close button (X) in the top right corner. The dialog is divided into several sections:

- Class Name:** A text input field containing "default".
- Description:** A text input field containing "default media class".
- Audio:** A section containing an "Audio Codec" dropdown menu with "G.711U" selected.
- Video:** A section containing four dropdown menus:
 - Video Codec:** "H.263"
 - Picture Size:** "CIF"
 - Target Rate:** "1024K"
 - Frame Rate:** "30 fps"

At the bottom of the dialog are two buttons: "Ok" and "Cancel".

Conference Room

*Blue Box is newly implemented functions.

Conference Name & Description

Conference Number

Video Terminal
In case of Video Media type, select the video parameter of endpoint.

Conference Type
: Dial-out, Meet me, AddHoc

Media Type
Select Conference Media Type

Media Class
Select a Media Class for a conference room. Second, third media class are reserved for first media class Mismatch.

Speaking Mode
Set up Who can speak out at conference

Encryption Mode
Encryption mode setup for secure conference

Enable Voice Switching
Provide the Voice Activity Switching Function

Maximum Participant
(Can select in Meet-Me conference type only)

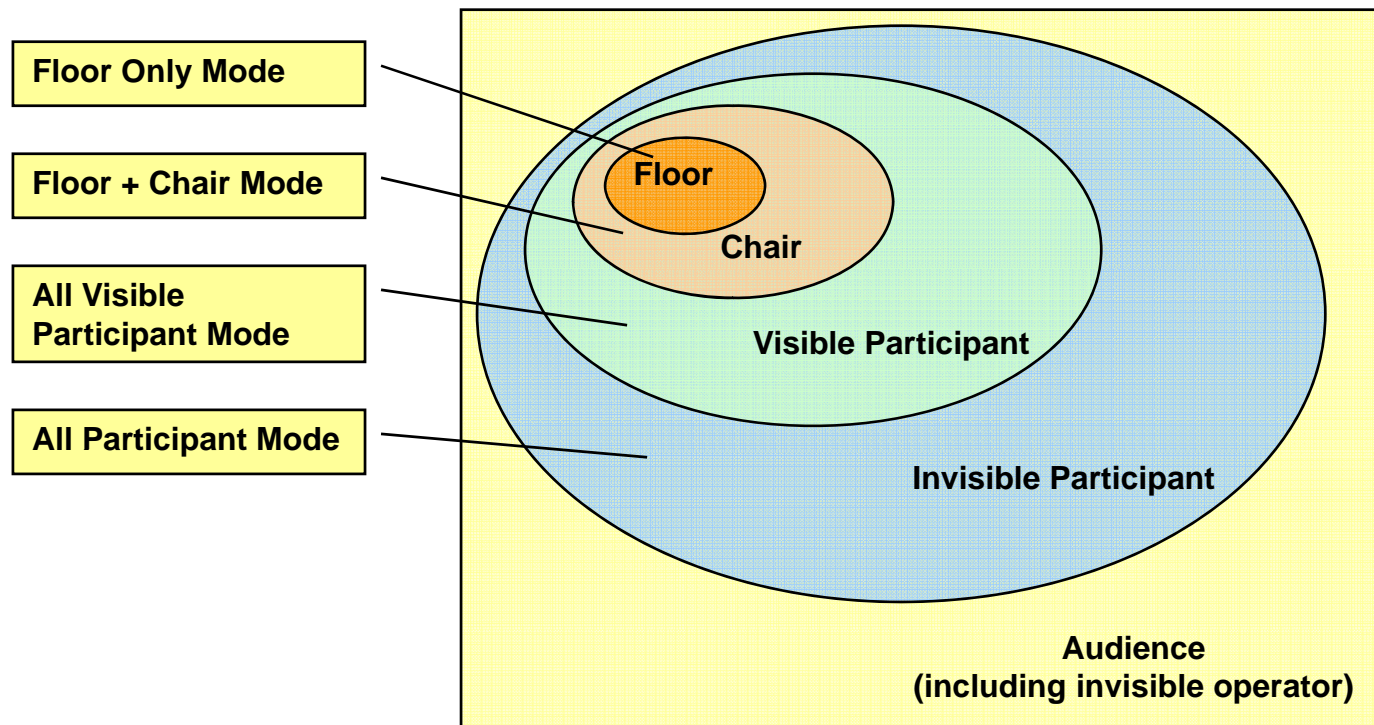
Conference Priority
Conference Priority Setting

Close on Chair Out
Conference Disconnected if chair hang up phone)

Secret Room
-Secret room and Room Password
-(Can select in Meet-Me conference type only)

Speaking Mode (New)

- Speaking Mode
 - Determine the scope of participant who can speak out at conference.



Voice Switching(New)

- Voice Switching
 - Voice Activity Switching or Voice Detect Switching
 - Detect the Voice Activity of participants during video conference, and dynamically change the MCU display layout mode to display a participant who is speaking out currently
 - If one participant obtains Floor, Voice Switching is inactive automatically till Floor is released.
- Display Priority Control
 - Floor > Voice Switching > Chair

Conference Room - Layout

The screenshot shows the 'Add Conference' dialog box with the 'Video' tab selected. The dialog is divided into several sections: General, Participants, and Virtual Audience. The 'Video' section contains the following settings:

- Terminal:** Layout
- Layout Mode:** Auto(Asymmetric)
- Arrange Mode:** Dynamic
- Video Layout:** 3 (with a visual icon of three squares)
- Floor to Full Screen:**
 - Symmetric
 - Asymmetric
- Floor Assign Mode:**
 - After Release
 - On Request
- Display Participant Name:**
 - Display Participant Name
 - Layout:** Top Left
 - Size:** Small
- Color:**
 - Border Line (Black)
 - Floor Line (White)
 - Background Line (Blue)
 - Background:** (Black)

Yellow callout boxes provide additional information for several settings:

- Video Layout Mode:** - Auto (symmetric, asymmetric) - manual
- Arrange Mode:** -dynamic, fixed, fixed reserved
- Video Layout:** - Select the video layout
- Floor Assign Mode:** -After Release, On Request
- Floor to Full Screen:** - Floor to Full Screen Enable/Disable in symmetric, asymmetric Layout Mode.
- Display Participant Name:** - Participant Name Display Enable/Disable and Location of Name Display
- Color:** - Layout border and Floor, Background Color Setting.

Other settings in the dialog include: Conference Name, Description, Conference Number, Conference Type, Media Type, Partition, Media Class, Secondary Media Class, Third Media Class, Max Participant, Conference Priority (3), Speaking Mode, Encryption Mode, and Room Password (4 digit).

Conference Room - Participants

Search Phone Number
Used for phone number or user search

Filter
Filter Name: Phone Number, Rule: is exactly, Word: [] [Advanced Search](#) Find

Number	Partition	User
5007	Factory...	
5008	Factory...	
5009	Factory...	
5010	Factory...	
5011	Factory...	
5012	Factory...	
5013	Factory...	
5014	Factory...	
6000	external...	
6001	external...	
6005	external...	
6006	external...	
6010	external...	
6011	external...	
6020	external...	
6029	external...	

Phone Number
Participant Phone List

Enter External Phone Number [] Add

External Phone Number
Register the external phone line number by inputting number directly

Number	Partition	User	Type	User Class	Media Type	Position	Display Name	Media Class
5007	Factory_in ternal_ex...		Internal	Chair	Video	[]	Steven	default
5008	Factory_in ternal_ex...		Internal	Participant	Video	[]	John	default
5009	Factory_in ternal_ex...		Internal	Participant	Video	[]	Jane	default
5010	Factory_in ternal_ex...		Internal	Participant	Video	[]	Sally	default
					Video	[]	Micle	default

User Class
(Chair, Operator, Participant, Audience)

Media Type
(Audio, Audio (Seat Reserved), Video)

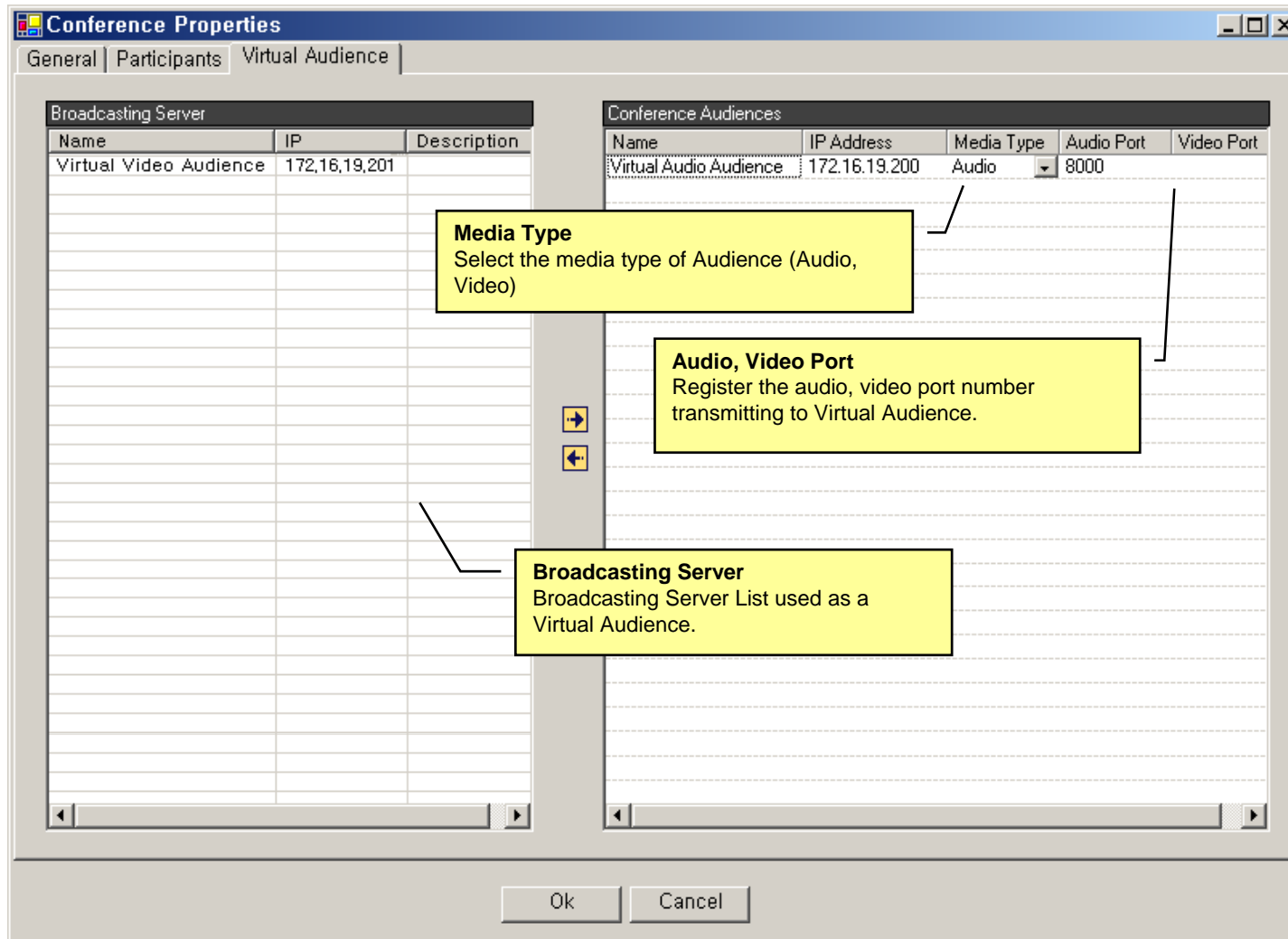
Position
In case of video media type, Select the location of a participant in video layout

Display Name
A Participant Display Name

Media Class
Select a Media Class for a conference participant

Ok Cancel

Conference Room – Virtual Audience



Active Conference (1)

The screenshot displays the 'Smart Multimedia Manager' interface. At the top, there is a menu bar (File, View, Search, Tools, Window, Help) and a toolbar with various icons. The main window title is 'Smart Multimedia Manager - [Active Conferences - IPNext200_Slave]'. Below the title bar, there are three IP address indicators: 172.17.250.250, 172.16.31.13, and 172.16.31.2.

The central part of the interface features a 'Conference' table with the following data:

Conference Na...	Conference Number	Status	Conference Type	Start Time	Duration	Media Type	Floor to Full...	Layout Mode	Arrange Mode	Layout	No. of Pa...
n>AddPac Conference	7002	Running	Dial-Out	20050714-15:30:22	00:02:01	Video	Off	Manual	Dynamic		4

A yellow callout box points to this table with the text: **Conference**
Display the current conference room list

Below the conference table is a 'Participants (n>AddPac Conference)' section, which contains a table of active participants:

Participant Name	Phone Number	IP	Status	Audio	Video	Mic.	Speaker	Floor	In Picture	Reason
Kown.jh	7030	172.16.10.1	Joined			8	10	10		
Choi.js	7031	172.16.10.2	Joined			8	10	10		
Lee.mj	7032	172.16.10.3	Joined			8	10	10		
JJang.hg	7033	172.16.10.3	Left			8	10	10		

A yellow callout box points to this table with the text: **Participants**
Display the participant list in conference room each

At the bottom of the interface, there are three IP address indicators with status: 172.17.250.250 (Ok), 172.16.31.13 (Connect fail), and 172.16.31.2 (Ok). The system tray shows the date and time (2007-10-18 3:35:55), the version (3.0.2846), and the user name (Manager).

Active Conference (2)

The screenshot displays the 'Smart Multimedia Manager' interface. At the top, a yellow callout box states: "Conference: Conference parameter setting is possible dynamically in current conference call". Below this, a table lists conference details. A blue callout box points to a layout icon in the 'Layout' column, labeled "New 2 Party Layout".

Conference Na...	Conference Number	Status	Conference Type	Start Time	Duration	Media Type	Floor to Full...	Layout Mode	Arrange Mode	Layout	No. of Pa...
n>AddPac Conference	7002	Running	Dial-Out	20050714-15:30:22	00:02:01	Video	Off	Manual	Dynamic	[Layout Icon]	4

Participants (n>AddPac Conference)										
Participant Name	Phone Number	IP	Status	Audio	Video	Mic.	Speaker	Floor	In Picture	
Kown.jh	7030	172.16.10.1	Joined	[Icon]	[Icon]	8	10	[Icon]	[Icon]	[Icon]
Choi.js	7031	172.16.10.2	Joined	[Icon]	[Icon]	8	10	[Icon]	[Icon]	[Icon]
Lee.mj	7032	172.16.10.3	Joined	[Icon]	[Icon]	8	10	[Icon]	[Icon]	[Icon]
JJang.hg	7033	172.16.10.3	Left	[Icon]	[Icon]	8	10	[Icon]	[Icon]	[Icon]

At the bottom of the window, there are status bars for participants: 172.17.250.250 (Ok), 172.16.31.13 (Connect fail), and 172.16.31.2 (Ok). The system tray shows the date and time (2007-10-18 오후 3:36:48), version (3.0.2846), and user (Manager).

Active Conference (3)

Smart Multimedia Manager - [Active Conferences - IPNext200_Slave]

File View Search Tools Window Help

AddPac Smart Multimedia Manager
AddPac Technology

172.17.250.250 172.16.31.13 172.16.31.2

Conference Na...	Conference Number	Status	Conference Type	Start Time	Duration	Media Type	Floor to Full...	Layout Mode	Arrange Mode	Layout	No. of Pa...
n>AddPac Conference	7002	Running	Dial-Out	20050714-15:30:22	00:02:01	Video	Off	Manual	Dynamic		4

Conference Snapshot
Display the real-time still image of a current video conference call

Mic, Speaker
Mic or Speaker Volume Control for a Conference participant

Conference Snapshot

Auto Refresh Refresh

Refresh Interval 5 sec Apply

Participants (n>AddPac Conference)

Participant Name	Phone Number	IP	Status	Audio	Video	Mic	Speaker	Floor	In Picture	Res
Kown.jh	7030	172.16.10.1	Joined			8	10			
Choi.js	7031	172.16.10.2	Joined			8	10			
Lee.mj	7032	172.16.10.3	Joined			8	10			
JJang.hg	7033	172.16.10.3	Left			8	10			

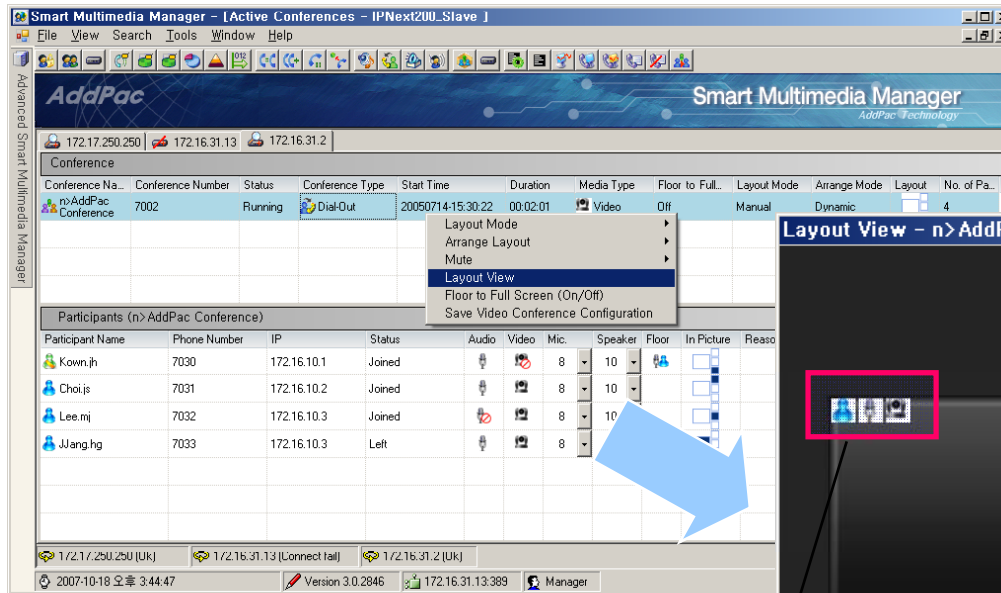
Participants
Participant parameter setting is possible dynamically in current conference call

172.17.250.250 (Ok) 172.16.31.13 (Connect fail) 172.16.31.2 (Ok)

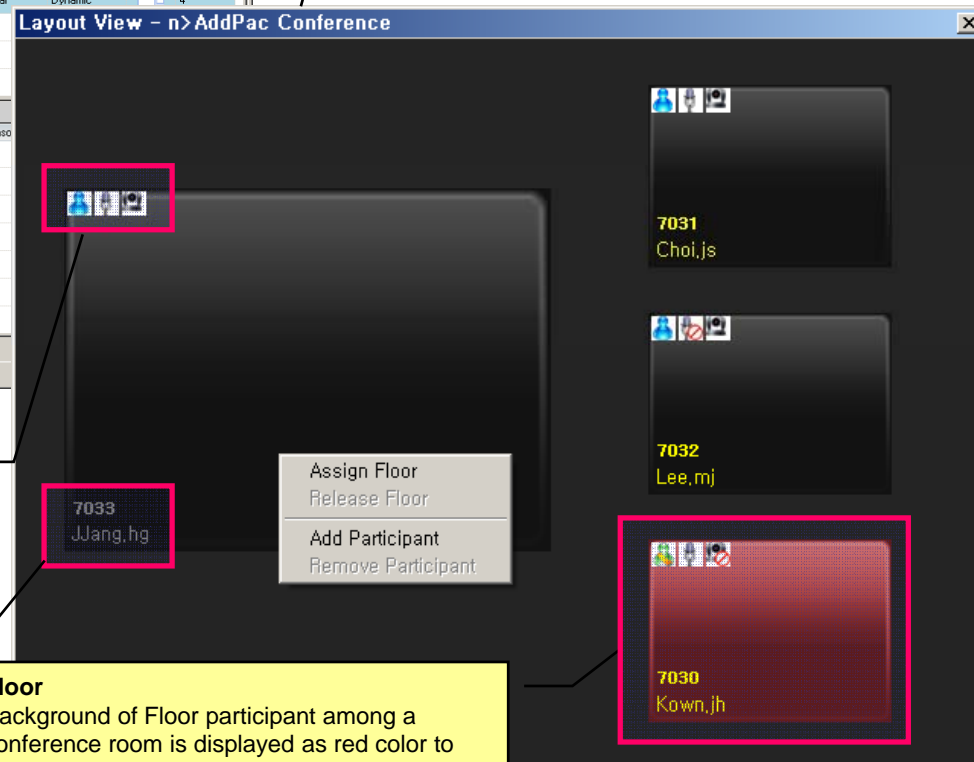
2007-10-18 오후 3:38:57 Version 3.0.2846 172.16.31.13:389 Manager

Active Conference (4)

Layout view function provide the layout status of a conference participant



Layout View
User can change a participant layout easily via Mouse Drag & Drag at Layout view window. Floor configuration, participant add or delete function is also provided.



Indicator
User class configuration, audio/video on/off and configuration is possible

Status
Display the status of each participant such as phone number, nick name, alias. Using font color, show whether a user participate conference room or not. (yellow color : participating , grey color : not participating)

Floor
Background of Floor participant among a conference room is displayed as red color to distinguish floor participant with other participant.

Conference Schedule

Conference scheduling is used for configuration of repeated conference or a specific day conference

The screenshot shows a dialog box titled "Add a New Conference Schedule" with the following fields and callouts:

- Schedule Name, Description:** Fields for "Schedule Name" (containing "Conference Schedule") and "Description".
- Conference Room:** A dropdown menu set to "Dial".
- Start Date time:** A date dropdown set to "2007-10-18" and a time spinner set to "오후 4:00:45".
- Duration:** A text input field followed by "sec".
- Schedule Recurrence:** A checked checkbox labeled "Schedule Recurrence".
- Recurrence:** Radio buttons for "Daily", "Weekly" (selected), and "Monthly".
- Weekly:** A sub-section with "Recur every" (checkboxes for 1, 2, 3, 4, 5 week) and checkboxes for days: Mon, Tue, Wed, Thu, Fri, Sat, Sun.
- Range Of Recurrence:** A section with "End By:" and a date dropdown set to "2007-10-18".
- Enable Schedule:** A checked checkbox at the bottom.

Callout boxes provide additional context:

- Start Date time:** Schedule start day and time setup
- Duration:** Conference duration time (sec)
- Schedule Recurrence:** Repeated conference setup
- Enable Schedule:** Schedule enable or disable Setup
- Schedule Name, Description:** Conference Schedule Name and Explanation
- Conference Room:** Conference Room Setup
- Daily, Weekly, Monthly:** Set up Conference schedule
- Range Of Recurrence:** Schedule end-day setup



Thank you!

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