



AP-MC1800™

Video MCU

High-performance Video MCU Solution

New Enhanced MCU Features



AddPac

AddPac Technology

2011, Sales and Marketing

www.addpac.com

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 'General' tab selected. The 'Video' sub-tab is active, showing various layout and display options. 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 (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 or 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 joung 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

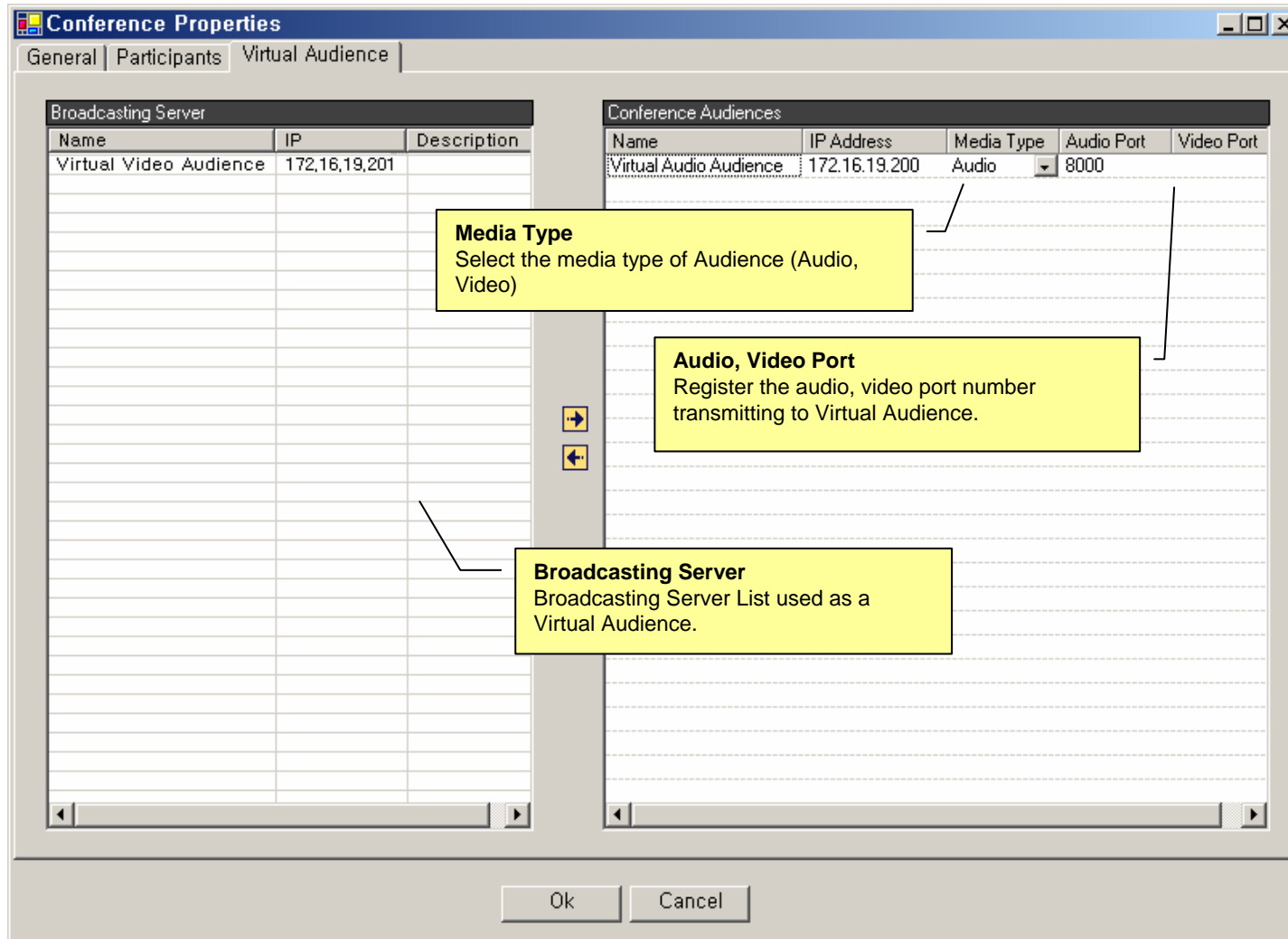
User Class
(Chair, Operator, Participant, Audience)

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 |

Conference
Display the current conference room list

| 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 | | | | | |

Participants
Display the participant list in conference room each

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

Active Conference (2)

The screenshot displays the 'Smart Multimedia Manager - [Active Conferences]' window. The interface includes a menu bar (File, View, Tools, Window, Help), a toolbar, and a main content area. A yellow callout box highlights the 'Conference' section, stating: 'Conference parameter setting is possible dynamically in current conference call'. Below this, a table lists conference details, and a 'Participants' table shows three active participants. A layout selection panel is visible on the right side of the main area.

| 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 joungh 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 with various icons. The main area shows a 'Conference' table with the following data:

| 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 | [Layout Icon] | 3 |

Below the table, there are two windows:

- Conference Snapshot**: A window showing a grid of video thumbnails. It includes an 'Auto Refresh' checkbox, a 'Refresh' button, and a 'Refresh Interval' set to 5 seconds.
- Participants (nms conference)**: A table listing participants with their names, phone numbers, IP addresses, and connection status. It also includes columns for Audio, Video, Floor, In Picture, and Reason.

Two yellow callout boxes provide additional information:

- Conference Snapshot**: Display the real-time still image of a current video conference call.
- Participants**: Participant parameter setting is possible dynamically in current conference call.

The bottom status bar shows the system clock (2006-12-07 오후 2:39:02), version (2.9.2532.21338), and user information (administrator).

OSD (Video Phone, Video Terminal, etc)

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



Conference Room

- Application >> Conference Room
 - conference list

Conference Room

ON AIR [Icons]

Conference room -Lock -unlock

Conference type -video -audio

User in conference / maximum

| Conference Name | Conference Number | User in conference / maximum | Lock Status | Video/Audio | Layout |
|-----------------|-------------------|------------------------------|-------------|-------------|--------|
| Conference 1 | 1000 | 3/16 | Locked | Video/Audio | Layout |
| Conference 2 | 2000 | 0/4 | Locked | Video/Audio | Layout |
| Conference 3 | 8888 | 0/16 | Locked | Video/Audio | Layout |

Dial-in conference
 - gray : not active
 - Colored : active

Meet-me conference
 - gray : not active
 - Colored : active

Conference name
Conference number

See Detail Participant list
 Detail View

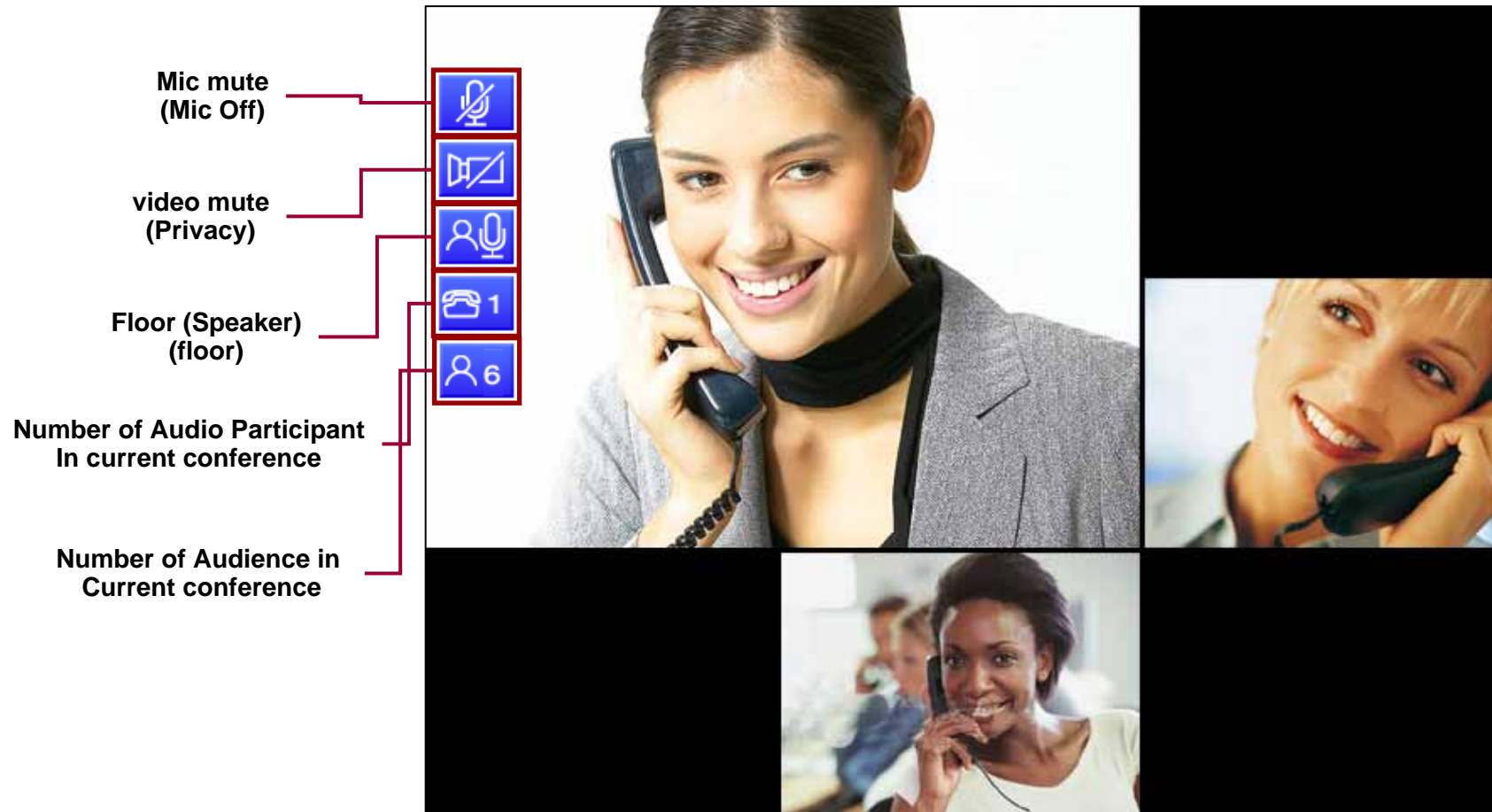
Conference layout

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

The screenshot shows the 'Add Party' interface. At the top, there is a title bar with the text 'Add Party' and several icons: 'ON AIR', a grid icon, a telephone icon, 'NUM', and a refresh icon. Below the title bar, there are several video thumbnails of people. A large blue overlay is positioned over the thumbnails, containing the text 'Incoming Call' and the number '3000'. Below this overlay, there are two buttons: 'Participant' and 'Audio Call'. On the left side of the interface, there are three labels with red lines pointing to specific elements: 'Invite new user' points to the 'Incoming Call' text; 'Select User class -participant -audience' points to the 'Participant' button; and 'Select Media type -audio call -video call' points to the 'Audio Call' button.

Invite new user

Select User class
-participant
-audience

Select Media type
-audio call
-video call

Participant

Audio Call

Layout

- Video Layout Change in current conference



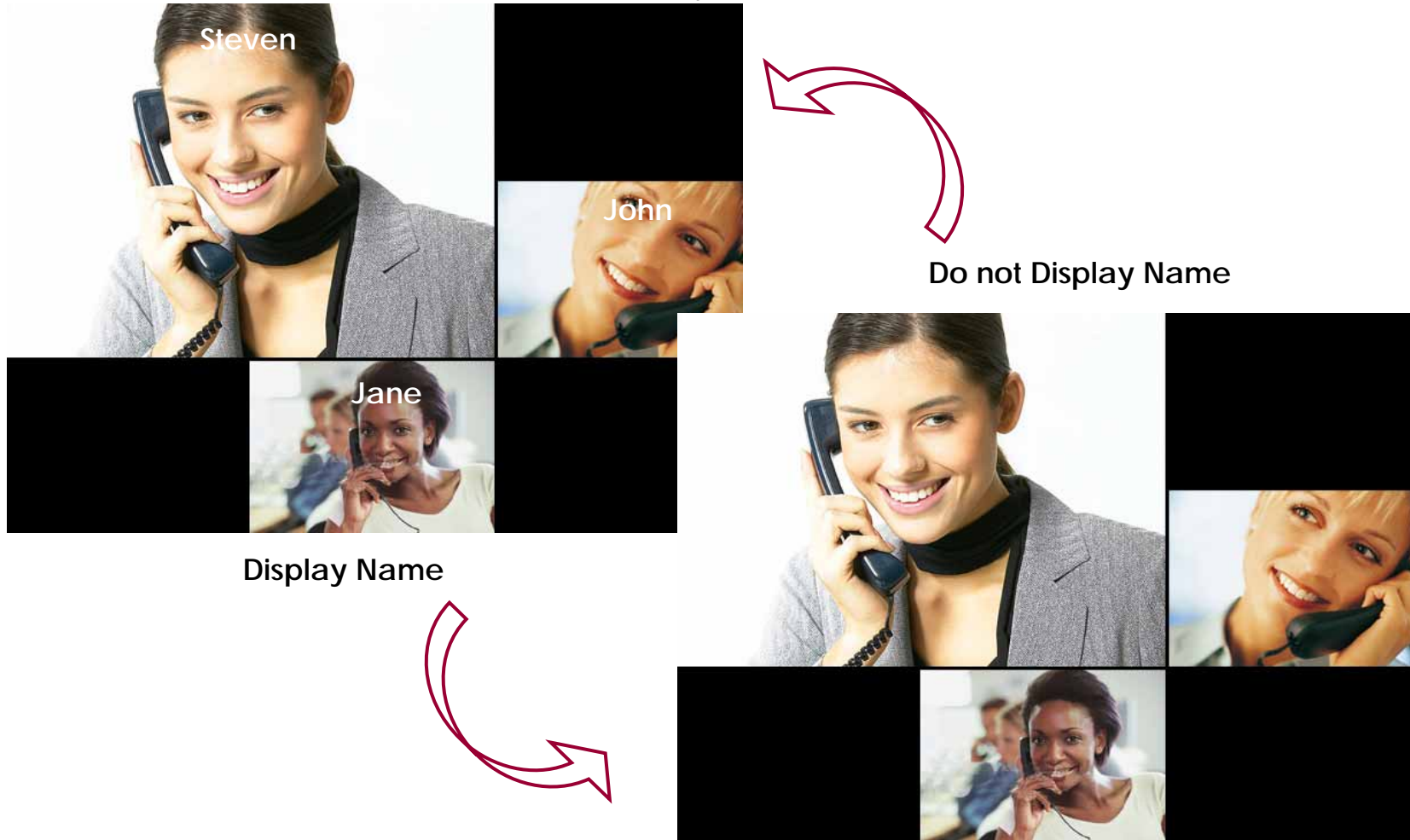
Floor To Full Screen

- 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,

The screenshot displays a software interface for handling an incoming call. At the top, a dark bar contains the word "Accept" and several icons: "ON AIR", a grid icon, a telephone handset icon, "NUM", and a moon icon. Below this, a large video window shows a woman on the left and a man on the right. A semi-transparent blue box is overlaid on the video, displaying "Incoming Call" and the number "3000". At the bottom of the interface is a control bar with four buttons: "Accept", "Reject", "Participant", and "Audio Call".

Annotations on the left side:

- "Conference Join Accept" with a line pointing to the "Accept" button.
- "Conference Join Reject" with a line pointing to the "Reject" button.

Annotations on the right side:

- "User class -participant -audience" with a line pointing to the video window.
- "Media type -audio call -video call" with a line pointing to the control bar.

At the bottom left is the **AddPac** logo. At the bottom center is the website www.addpac.com. At the bottom right is the page number 22.

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 grid icon, a microphone icon, 'NUM', and a refresh icon. The main 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 visible on the right. 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 |
|------------|--------------------|----------------------|---------------|---------------------------|------------|
| [Icon] | Sally | 3010 | [Video/Audio] | [Status] | [Position] |
| [Icon] | Stever | 3001 | [Video/Audio] | [Status] | [Position] |
| [Icon] | Jane | 3005 | [Video/Audio] | [Status] | [Position] |
| [Icon] | John | 3004 | [Video/Audio] | [Status] | [Position] |

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 icons for 'ON AIR', a grid, a microphone, 'NUM', and a moon. The list contains four participants: Sally (ID 3010), Steven (ID 3001), Jane (ID 3005), and John (ID 3004). Each participant row includes a status icon, a name, an ID number, and several control icons. A red box highlights the microphone icon for Steven, with a red arrow pointing to the text 'Have a right of speaking'. Another red box highlights the person icon for Jane, with a red arrow pointing to the text '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 arrow points from the text 'Give Floor (Speaker) to Participant' to the 'Assign Floor' button.

| Participant Icon | Name | ID | Control Icons |
|------------------|--------|------|----------------------------|
| Person icon | Sally | 3010 | Microphone, Camera, Screen |
| Microphone icon | Steven | 3001 | Microphone, Camera, Screen |
| Person icon | Jane | 3005 | Microphone, Camera, Screen |
| Person icon | John | 3004 | Microphone, Camera, Screen |

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 microphone, 'NUM', and a moon. The list contains four participants: Sally (3010), Steven (3001), Jane (3005), and John (3004). Each participant row includes icons for a person, a microphone, a camera, and a screen. The 'Jane' row is highlighted with a red box, and a red line connects it to the text 'Participant Select'. At the bottom, 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 | Number | Microphone | Camera | Screen |
|-------------|--------|------------|--------|--------|
| Sally | 3010 | ON | ON | ON |
| Steven | 3001 | ON | ON | ON |
| Jane | 3005 | ON | ON | ON |
| John | 3004 | ON | ON | ON |

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 in the AddPac software. At the top right, there are control buttons for 'ON AIR', a grid icon, a phone icon, 'NUM', and a video icon. Below these are two labels: 'Audio Mute/Enable' and 'Video Mute/Enable', with red lines pointing to the microphone and camera icons in the participant list. The participant list itself is a table with columns for a profile picture, name, ID number, audio status, video status, and a 'more' button. The participants listed are Sally (ID 3010), Steven (ID 3001), Jane (ID 3005), and John (ID 3004). In the Steven and Jane rows, the microphone icon has a red 'X' over it, and the camera icon has a red circle with a slash over it, indicating they are muted. At the bottom of the interface, there is a navigation bar with buttons for 'User Class', 'Audio Enable', 'Video Mute', and 'more'. A red box highlights the 'Audio Enable' and 'Video Mute' buttons, with a red line pointing to the text 'Audio, video mute/ enable' on the left.

| Profile | Name | ID | Audio | Video | More |
|---------|--------|------|-------|-------|------|
| | Sally | 3010 | | | |
| | Steven | 3001 | | | |
| | Jane | 3005 | | | |
| | John | 3004 | | | |

Audio, video mute/ enable

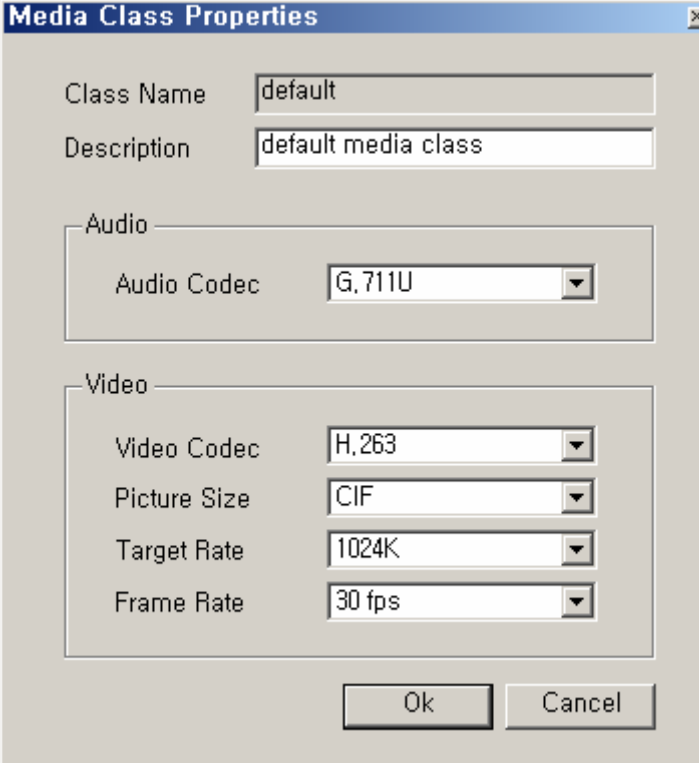
Audio Mute/Enable

Video Mute/Enable

User Class Audio Enable Video Mute more

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 in the top right corner. The dialog contains the following fields:

- Class Name: default
- Description: default media class
- Audio section:
 - Audio Codec: G.711U
- Video section:
 - Video Codec: H.263
 - Picture Size: CIF
 - Target Rate: 1024K
 - Frame Rate: 30 fps

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

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.

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)

Encryption Mode
Encryption mode setup for secure conference

Enable Voice Switching
Provide the Voice Activity Switching Function

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

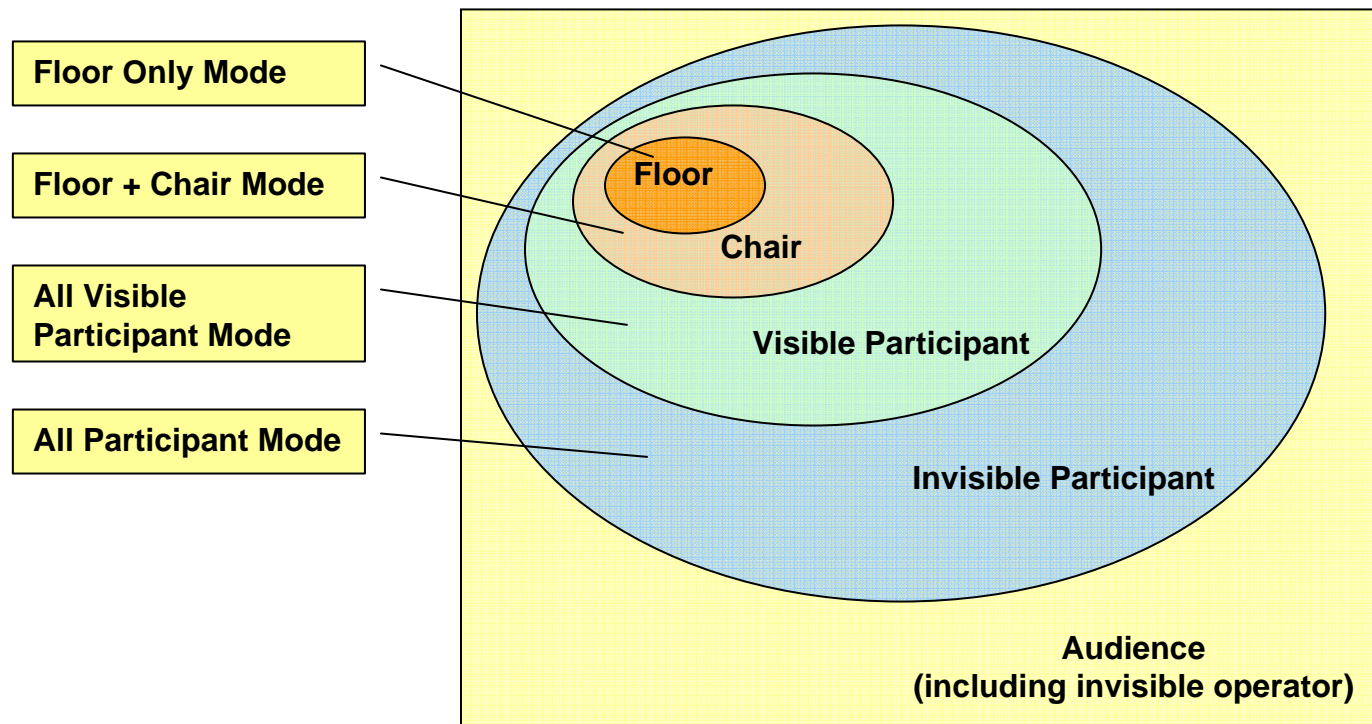
Media Type
Select Conference Media Type

Conference Type
: Dial-out, Meet me, AddHoc

Speaking Mode
Set up Who can speak out at conference

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 'General' tab selected. The 'Video' section is highlighted, and several settings are annotated 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**: -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.

The dialog box includes fields for Conference Name, Description, Conference Number, Conference Type, Media Type, Partition, Media Class, Secondary Media Class, Third Media Class, Max Participant, Conference Priority (set to 3), Speaking Mode, Encryption Mode, and Room Password (4 digit). The 'Video' section includes Terminal (Layout), Layout Mode (Auto(Asymmetric)), Arrange Mode (Dynamic), Video Layout (3), Floor Assign Mode (After Release), Floor to Full Screen (Symmetric checked), Display Participant Name (unchecked), Layout (Top Left), Size (Small), and Color (Border Line, Floor Line, Background Line, Background).

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

| Phone Number | | | Conference Participants | | | | | | | | |
|--------------|-------------|------|-------------------------|------------|--------------|----------|-------------|------------|----------|--------------|-------------|
| Number | Partition | User | Number | Partition | User | Type | User Class | Media Type | Position | Display Name | Media Class |
| 5007 | Factory... | | 5007 | Factory_in | ternal_ex... | Internal | Chair | Video | [] | Steven | default |
| 5008 | Factory... | | 5008 | Factory_in | ternal_ex... | Internal | Participant | Video | [] | John | default |
| 5009 | Factory... | | 5009 | Factory_in | ternal_ex... | Internal | Participant | Video | [] | Jane | default |
| 5010 | Factory... | | 5010 | Factory_in | ternal_ex... | Internal | Participant | Video | [] | Sally | default |
| 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

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

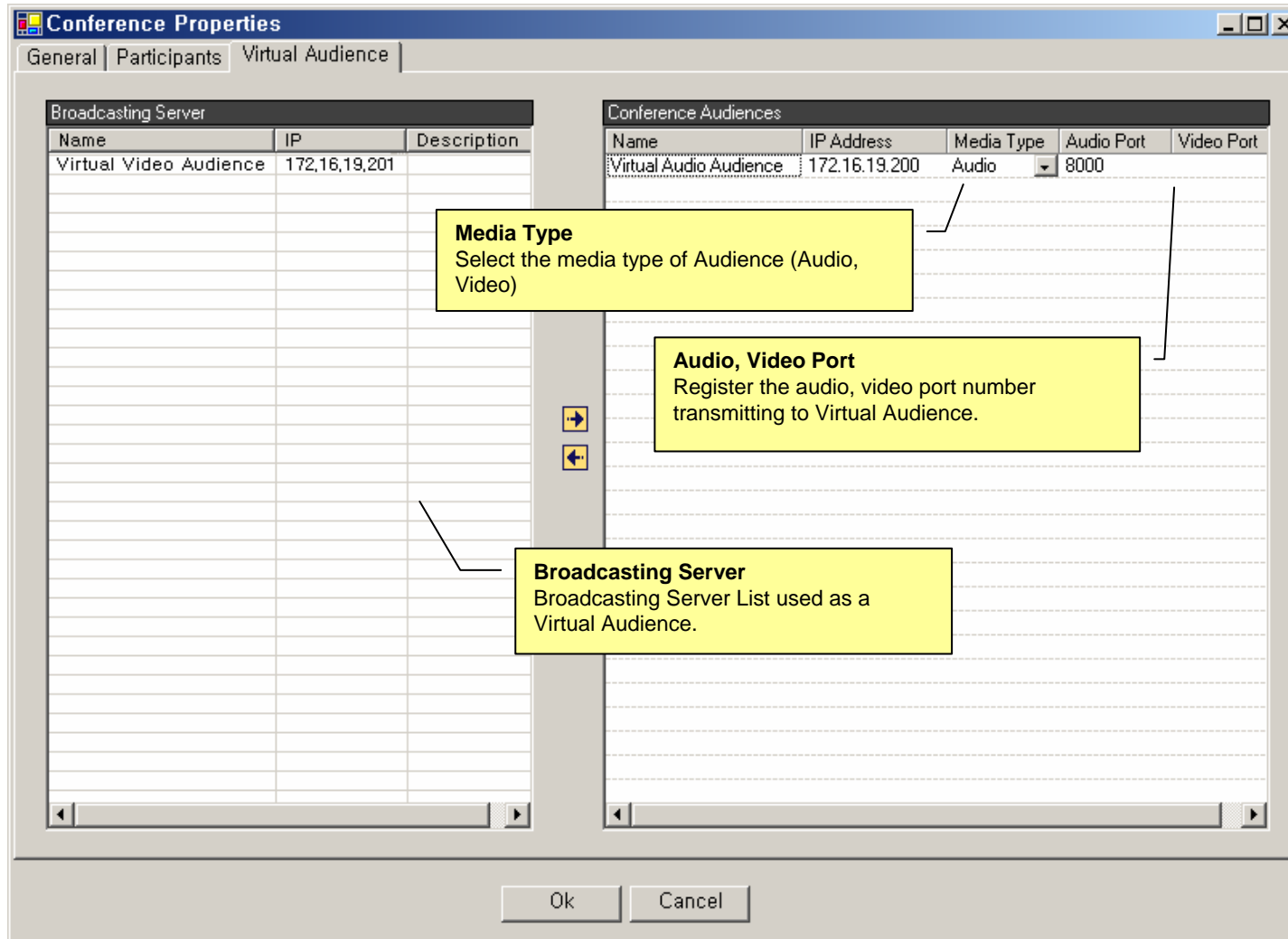
Display Name
A Participant Display Name

Media Class
Select a Media Class for a conference participant

Enter External Phone Number [] Add

Ok Cancel

Conference Room – Virtual Audience



Active Conference (1)

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
Display the current conference room list

Participants (n>AddPac Conference)

| Participant Name | Phone Number | IP | Status | Audio | Video | Mic | Speaker | Floor | In Picture | Reason |
|------------------|--------------|-------------|--------|-------|-------|-----|---------|-------|------------|--------|
| 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
Display the participant list in conference room each

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

2007-10-18 오후 3:35:55 Version 3.0.2846 172.16.31.13:389 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:

| 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 |

A layout menu is open, showing various grid configurations. A blue callout box points to a specific 2x2 grid layout, labeled "New 2 Party Layout". Below the conference table, a "Participants (n>AddPac Conference)" table lists active users:

| 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] |
| Choi.js | 7031 | 172.16.10.2 | Joined | [Icon] | [Icon] | 8 | 10 | [Icon] | [Icon] |
| Lee.mj | 7032 | 172.16.10.3 | Joined | [Icon] | [Icon] | 8 | 10 | [Icon] | [Icon] |
| JJang.hg | 7033 | 172.16.10.3 | Left | [Icon] | [Icon] | 8 | 10 | [Icon] | [Icon] |

At the bottom, a status bar shows connection status for three IP addresses: 172.17.250.250 (Ok), 172.16.31.13 (Connect fail), and 172.16.31.2 (Ok). The system clock shows 2007-10-18 오후 3:36:48, and the version is 3.0.2846.

Active Conference (3)

The screenshot displays the 'Smart Multimedia Manager' interface for an active conference. The main window title is 'Smart Multimedia Manager - [Active Conferences - IPNext200_Slave]'. The interface includes a menu bar (File, View, Search, Tools, Window, Help) and a toolbar with various icons. The main content area shows 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 | [Layout Icon] | 4 |

Below the conference table, there are two main panels:

- Conference Snapshot:** A panel on the left showing a grid of video thumbnails. It includes a 'Refresh' button and a 'Refresh Interval' set to 5 seconds.
- Participants (n>AddPac Conference):** A table listing participants with columns for Name, Phone Number, IP, Status, Audio, Video, Mic, Speaker, Floor, In Picture, and Res. The 'Mic' and 'Speaker' columns for all participants are highlighted with a pink box.

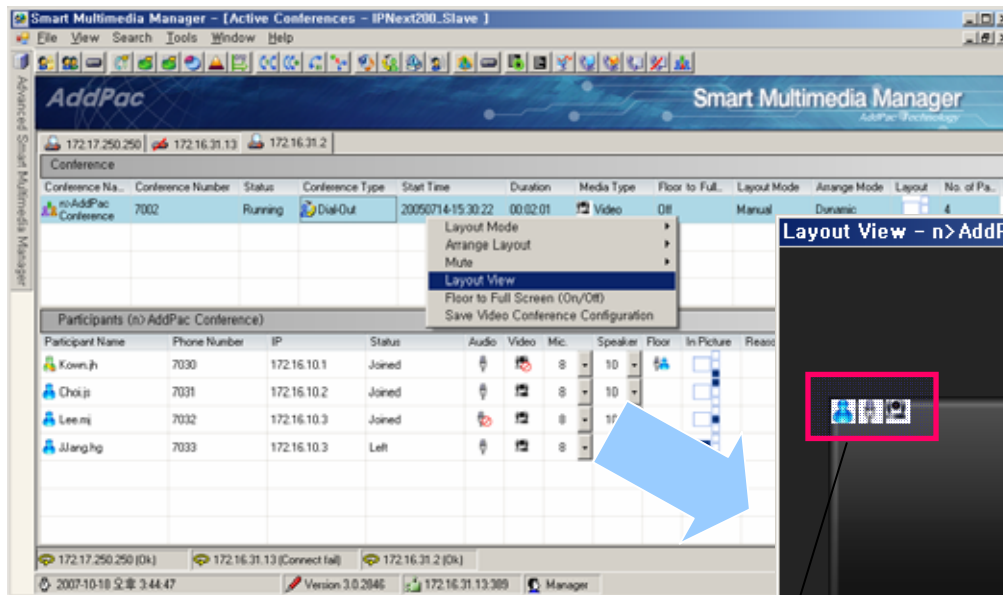
Three callout boxes provide additional information:

- 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.
- Participants:** Participant parameter setting is possible dynamically in current conference call.

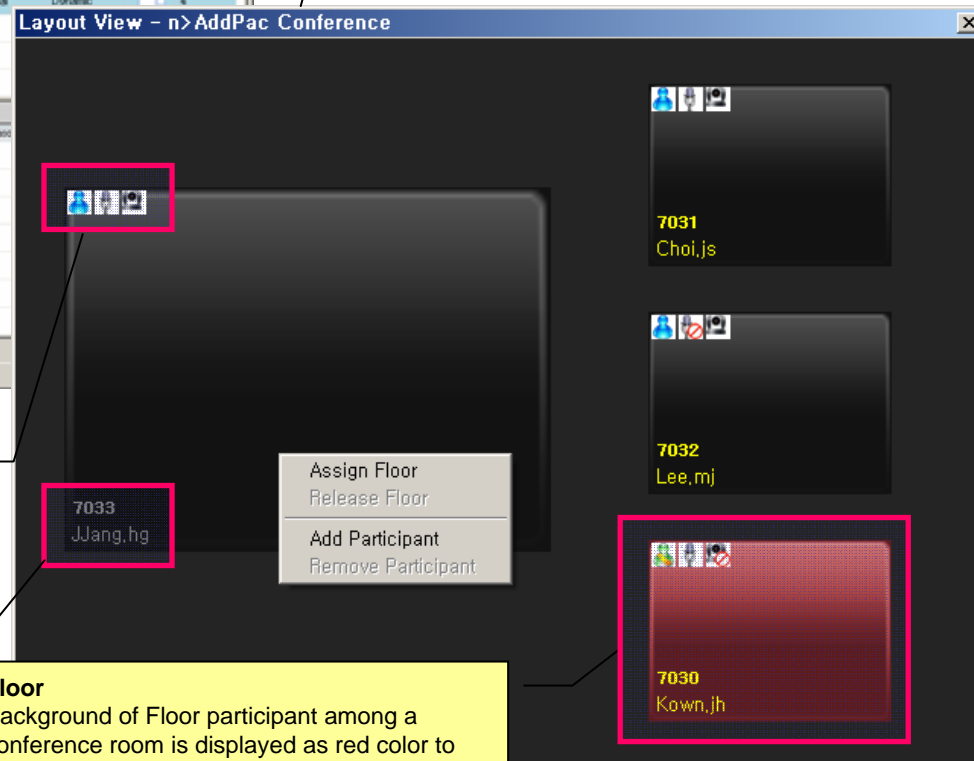
The bottom status bar shows connection status for three participants: 172.17.250.250 (Ok), 172.16.31.13 (Connect fail), and 172.16.31.2 (Ok). The system clock shows 2007-10-18 오후 3:38:57, and the version is 3.0.2846.

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

Add a New Conference Schedule

Schedule Name: Conference Schedule | **Schedule Name, Description**
Conference Schedule Name and Explanation

Description: |

Conference Room: Dial | **Conference Room**
Conference Room Setup

Start Datetime: 2007-10-18 | 오후 4:00:45

Duration: | sec

Schedule Recurrence | **Daily, Weekly, Monthly**
Set up Conference schedule

Start Date time
Schedule start day and time setup

Duration
Conference duration time (sec)

Schedule Recurrence
Repeated conference setup

Recurrence: Daily Weekly Monthly

Weekly: Recur every 1 2 3 4 5 week

Mon Tue Wed Thu
 Fri Sat Sun

Range Of Recurrence: End By : 2007-10-18 | **Range Of Recurrence**
Schedule end-day setup

Enable Schedule | **Enable Schedule**
Schedule enable or disable Setup

Ok Cancel

Video MCU Series

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