

AP-MC3000™

Video MCU

High-performance Video MCU Solution

New Advanced MCU Features

- View Group
- Speech Mode
- Dynamic Mode



AddPac

AddPac Technology

2010, Sales and Marketing

New Advanced Features

- View Group
 - ✓ Operator can set the Number of participant in View Group
 - ✓ Support the Automatic View Group Rotation
 - ✓ Support the specific View Group Selection
- Speech Mode (Dual Layout)
 - ✓ The Speaker see all other participants
 - ✓ All Participant see only the speaker
- Dynamic Layout Change
 - ✓ A new participant is set to the first position in the screen.
 - ✓ The floor is set to the first position in the screen.

View Group

- View Group
 - Support Multiple View Group(Multiple Layout Page).
 - If a new participant exceed the maximum number of participant in View Group, A New View Group is created.
 - Multiple View Group Action :
 - ▷ Automatic Rotation
 - ▷ Specific View Group by manual selection.
 - Enable/Disable Automatic View Group Rotation.
 - Support Time Interval of the Automatic View Group Rotation.
 - Support the participant's position change in Multiple View Group.

View Group Status

The screenshot displays the 'Smart Multimedia Manager' interface. At the top, a menu bar includes 'File', 'View', 'Search', 'Tools', 'Window', and 'Help'. Below the menu is a toolbar with various icons. The main area features a conference details table and a participants list.

Conference Name	Conference Number	Status	Mode	Conference Type	Start Time	Duration	Media Type	Floor to Full...	Layout Mode	Arrange Mode	Layout	No. of Pa...	View Gro...
Conference #0	7002	Running	Meeting	Dial-Out	20101102-16:31:24	00:19:12	Video	Off	Manual	Fixed		4	On

Below the conference details is a 'Participants (Conference #0)' section. It includes a duration of 00:19:12 and a list of participants. A callout box points to the 'Auto Rotation (on/off)' button, stating: 'View Group Auto Rotation Enable/Disable View Group Auto Rotation'.

Participant Name	Phone Number	IP Address	Status	Audio	Video	Mic.	Speaker	Floor	In Picture	Reason
Kwon jh	2000	172.16.16.31	Joined			9	9			
Choi js	2001	172.16.11.39								
Lee mj	2002	172.16.11.35								

Callouts in the participants list include: 'View Group Tab Multiple View Group Tab' pointing to the 'View Group 1' and 'View Group 2' tabs, and 'View Group Icon Colored Icon is Current Active View Group' pointing to the colored icon on the 'View Group 1' tab.

The status bar at the bottom shows the date and time (2010-11-02 오후 4:51:19), version (3.8.3952), IP address (172.16.115.87:389), user (root (root : Administrator)), and a message: 'Data modified.. Click data backup!'.

Manual View Group Selection

The screenshot displays the Smart Multimedia Manager interface. At the top, there is a menu bar with 'File', 'View', 'Search', 'Tools', 'Window', and 'Help'. Below the menu bar is a toolbar with various icons. The main window title is 'Smart Multimedia Manager - [Active Conferences - 172.16.115.87]'. The interface is divided into several sections:

- Conference Information Table:** A table with columns: Conference Name, Conference Number, Status, Mode, Conference Type, Start Time, Duration, Media Type, Floor to Full..., Layout Mode, Arrange Mode, Layout, No. of Pa..., and View Gro... The first row shows: Conference #0, 7002, Running, Meeting, Dial-Out, 20101103-15:05:33, 00:03:49, Video, Off, Manual, Fixed, 4, Off.
- Participants (Conference #0):** A section showing 'Duration: 00:03:49' and 'Participants: 4'. Below this is a table with columns: Participant Name, Phone Number, IP Address, Status, Audio, Video, Mic., Speaker, Floor, and In... The first three rows are: Kown jh (2000, 172.16.16.31, Joine), Choi js (2001, 172.16.11.39, Joine), and Lee mj (2002, 172.16.11.35, Joine).
- Context Menu:** A right-click context menu is open over the 'Kown jh' participant row. The menu items are: Activate View Group (highlighted), Assign Floor, Release Floor, Invite User, Rejoin, Drop Participant, Copy Layout Position, Replace Layout Position, Mute, and User Class.
- Annotation:** A yellow callout box with a black border points to the 'Activate View Group' menu item. The text inside the box reads: 'Activate View Group See another View Group in Conference Screen (Monitor)'.

At the bottom of the window, there is a status bar showing the date and time '2010-11-03 오후 3:10:04', the version 'Version 3.8.3952', and the IP address '172.16.115.87:38...'. A small tooltip at the bottom right says 'modified. Click data backup!'.

Move Position between the View Group(1)

The screenshot displays the Smart Multimedia Manager interface. At the top, there is a menu bar with 'File', 'View', 'Search', 'Tools', 'Window', and 'Help'. Below the menu bar is a header area with the 'AddPac' logo and 'Smart Multimedia Manager' text. The main area contains a table of active conferences and a participants list. A context menu is open over the participants table, with 'Copy Layout Position' highlighted. A yellow callout box points to this menu item with the text: 'Copy Layout Position Copy for moving position between View Group'. The status bar at the bottom shows the date '2010-11-03', time '오전 3:15:35', version '3.8.3952', and IP address '172.16.115.87:389'.

Conference Name	Conference Number	Status	Mode	Conference Type	Start Time	Duration	Media Type	Floor to Full...	Layout Mode	Arrange Mode	Layout	No. of Pa...	View Gro...
Conference #0	7002	Running	Meeting	Dial-Out	20101103-15:05:33	00:09:20	Video	Off	Manual	Fixed	[Icon]	4	Off

Participant Name	Phone Number	IP Address	Status	Audio	Video	Mic.	Speaker	Floor	In Picture	Reason
Kown jh	2000	172.16.16.31	Joined	[Icon]	[Icon]	9	9		[Icon]	
Choi js	2001	172.16.11.39	Joined	[Icon]	[Icon]	9	9		[Icon]	
Lee mj	2002	172.16.11.35	Joined	[Icon]	[Icon]	9	9		[Icon]	

Copy Layout Position
Copy for moving position between View Group

- Activate View Group
- Assign Floor
- Release Floor
- Invite User
- Rejoin
- Drop Participant
- Copy Layout Position**
- Replace Layout Position
- Mute
- User Class

Move Position between View Group(2)

The screenshot displays the AddPac Smart Multimedia Manager interface. At the top, there is a menu bar with 'File', 'View', 'Search', 'Tools', 'Window', and 'Help'. Below the menu bar is a toolbar with various icons. The main window title is 'Smart Multimedia Manager - [Active Conferences - 172.16.115.87]'. The interface is divided into several sections:

- Conference Information:** A table with columns: Conference Name, Conference Number, Status, Mode, Conference Type, Start Time, Duration, Media Type, Floor to Full..., Layout Mode, Arrange Mode, Layout, No. of Pa..., and View Gro... The first row shows 'Conference #0' with ID 7002, status 'Running', mode 'Meeting', type 'Dial-Out', start time '20101103-15:05:33', duration '00:12:11', media type 'Video', floor 'Off', layout mode 'Manual', arrange mode 'Fixed', layout '4', and view group 'Off'.
- Participants (Conference #0):** A section showing 'Duration: 00:12:11', 'Participants: 4', and 'Auto Rotation (on/off)'. Below this are tabs for 'View Group 1' and 'View Group 2'.
- Participant List:** A table with columns: Participant Name, Phone Number, IP Address, Status, Audio, Video, Mic., Speaker, Floor, In Picture, and Reason. The first row shows 'JJang hg' with phone number '2003' and IP address '172.16.66...'. A context menu is open over this row, listing options: 'Activate View Group', 'Assign Floor', 'Release Floor', 'Invite User', 'Rejoin', 'Drop Participant', 'Copy Layout Position', 'Replace Layout Position' (highlighted), 'Mute', and 'User Class'.

A yellow callout box points to the 'Replace Layout Position' option in the context menu, containing the text: 'Replace Layout Position Replace with Previous Copied Position for moving position'.

Layout View in View Group

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.

Conference Name	Conference Number	Status	Mode	Conference Type	Start Time	Duration	Media Type	Floor to Full	Layout Mode	Arrange Mode	Layout	No. of Pa	View Gro
Conference #0	7002	Running	Meeting	Dial-Out	20101102-16:31:24	00:25:42	Video	Off	Manual	Fixed		4	On

Participant Name	Phone Number	IP Address	Status	Audio	Video	Mic	Speaker	Floor	In Picture	Reason
Kown jh	2000	172.16.16.31	Joined	On	On	9	9			
Choi js	2001	172.16.11.39	Joined	On	On	9	9			
Lee mj	2002	172.16.11.35	Joined	On	On	9	9			

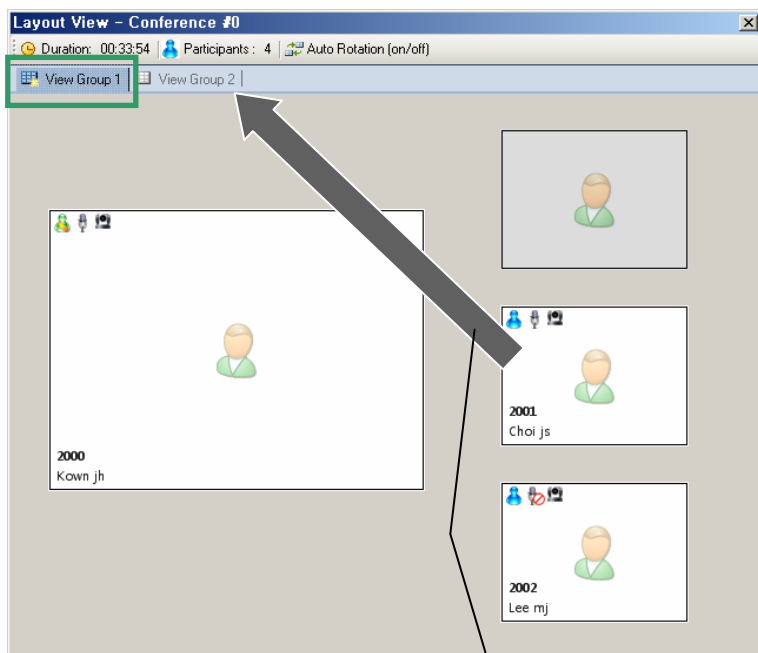
Indicator
User class configuration, audio/video on/off and configuration is possible

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)

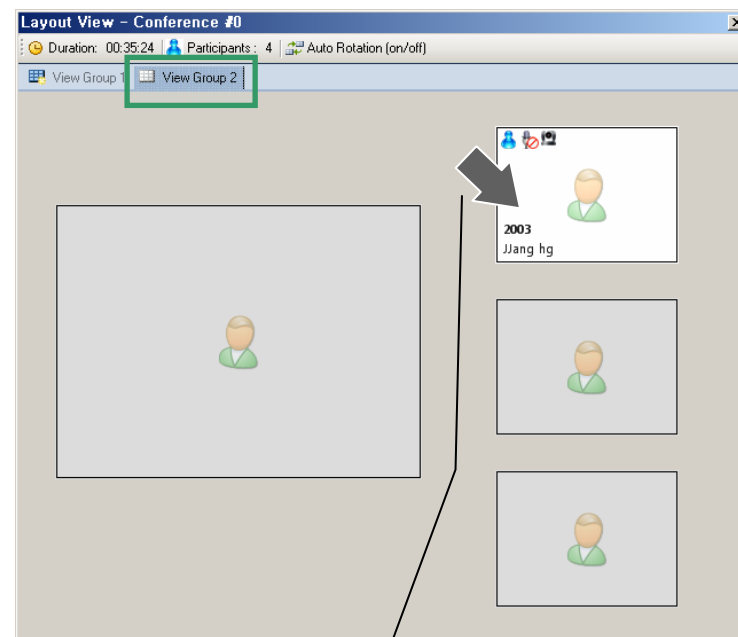
Floor
Background of Floor participant among a conference room is displayed as red color to distinguish floor participant with other participant.

Move Position in Layout View

Layout view function also provide a moving position with drag&drop.



Drag to another View Group Tab with source Position, then another View Group is activated.

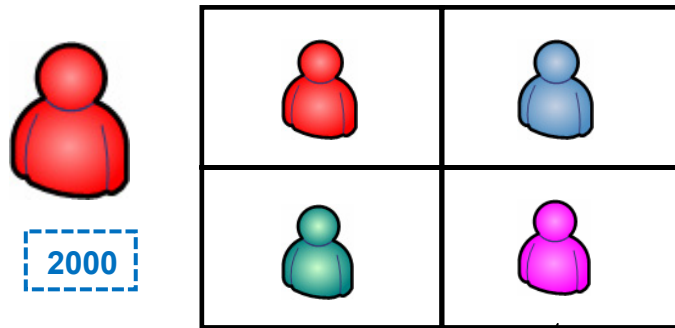


Drop source Position into another View Group's target Position.

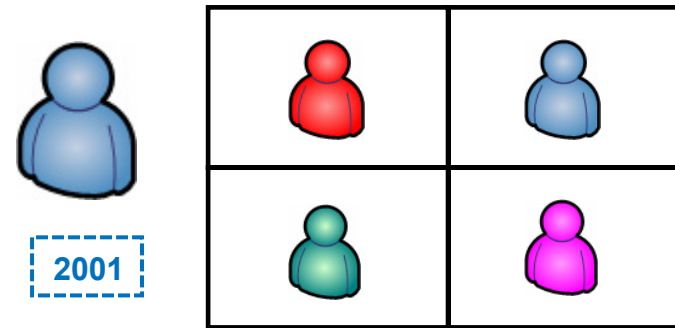
Speech Mode(New)

- Speech Mode
 - In Speech Mode only the speaker appears on the other participants screens.
 - Speaker see all other participants in specific layout.
 - If one participant obtains floor, other participants see speaker and floor in same screen optionally.

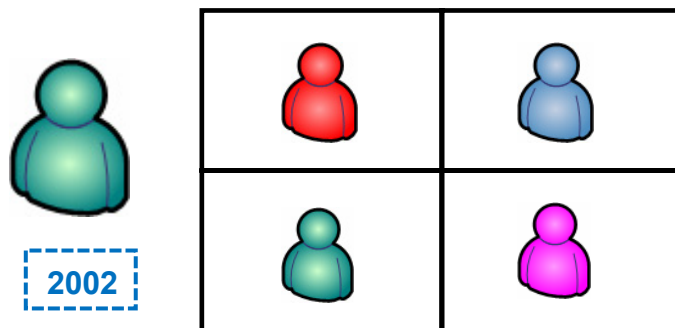
Meeting Mode



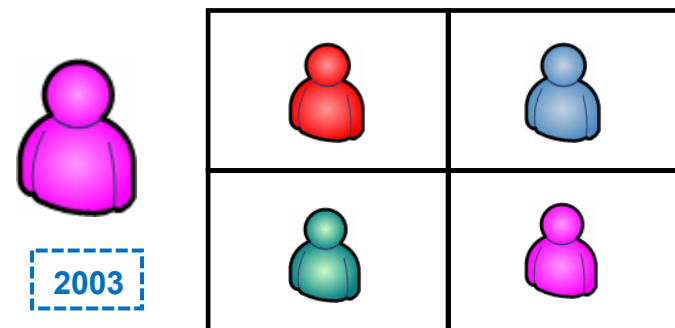
ChairScreen
See all Participant



Participant Screen
See all Participant

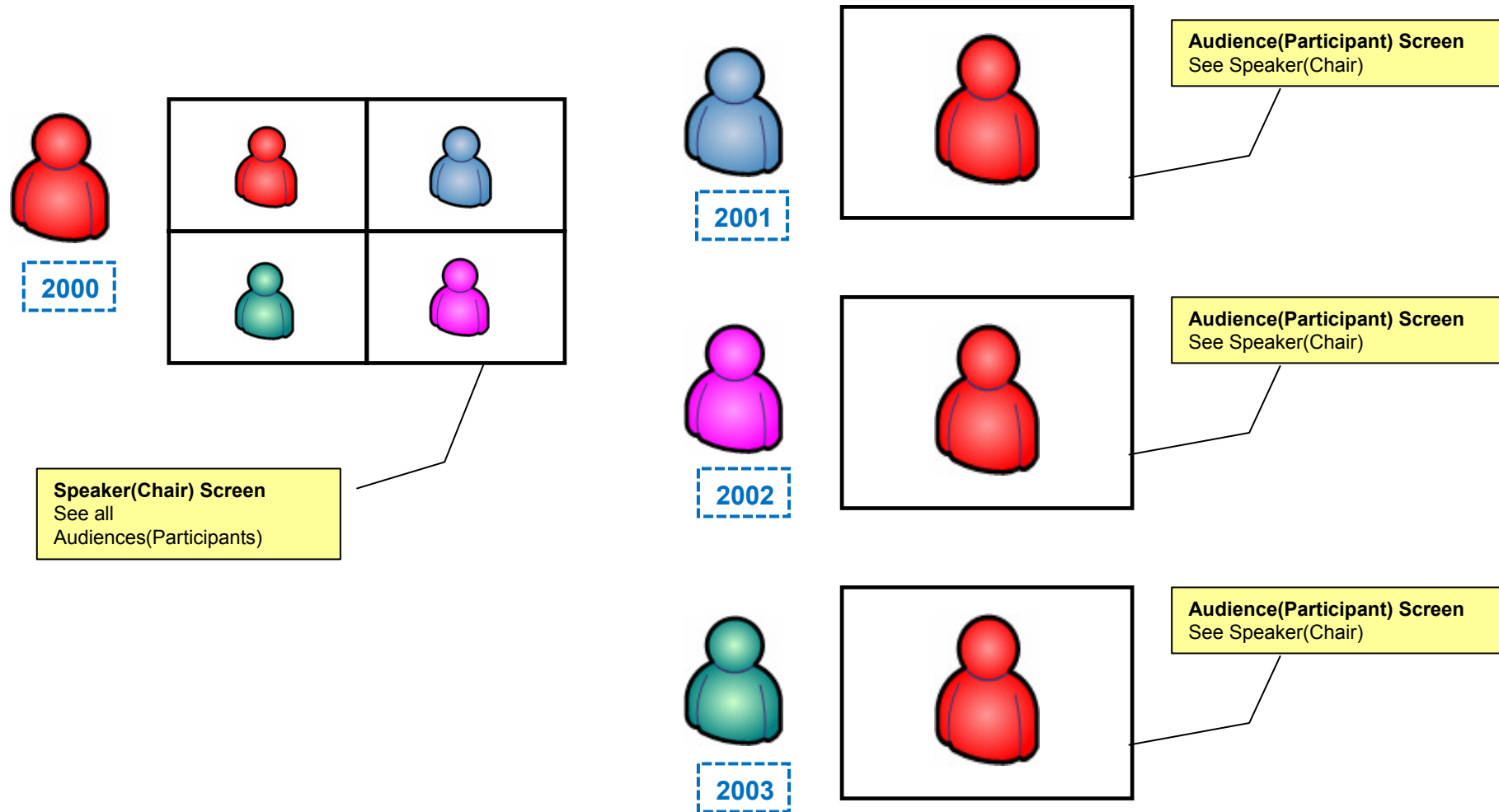


Participant Screen
See all Participant



Participant Screen
See all Participant

Speech Mode



Speech Mode

Conference Mode
: Meeting Mode
Speech Mode

Conference Name: []

Conference Number: []

Conference Mode: Speech

Conference Type: Dial-Out Conference

Media Type: Audio + Video

Partition: N/A Edit

Media Class: default Edit

Secondary Media Class: N/A Edit

Third Media Class: N/A Edit

Max Participant: 16

Conference Priority: 3 (Zero is high priority)

Speaking Mode: Floor Only

Encryption Mode: off

Allow None Security Call

Close on Chair Out

Enable Voice Switching

Secret Room

Room Password: [] (4 digit)

Video

Terminal Layout

Layout Mode: Manual

Arrange Mode: Fixed

Video Layout: 3

Floor to Full Screen:
 Symmetric
 Asymmetric

Floor Assign Mode:
 After Release
 On Request

Display Participant Name

Layout: Top Left

Size: Small

Color:
 Border Line
 Floor Line
 Background Line
Background: [Black]

Hide Display Message

Hide Indicator

Speaker and Floor to Full Screen

View Group Auto Rotation

Interval: 15 sec.

Ok Cancel

Speaker and Floor to Full Screen
See Speaker and Floor in Full Screen

Position Change in Dynamic Mode

- Position Change in Dynamic Mode
 - In Dynamic Mode current activated participant's position is moved to first position, and other participants position is shifted.
 - In Dynamic Mode new participant has first position in specific layout.
 - If one participant obtains floor in Dynamic Mode , the floor has first position in specific layout.

Dynamic Mode

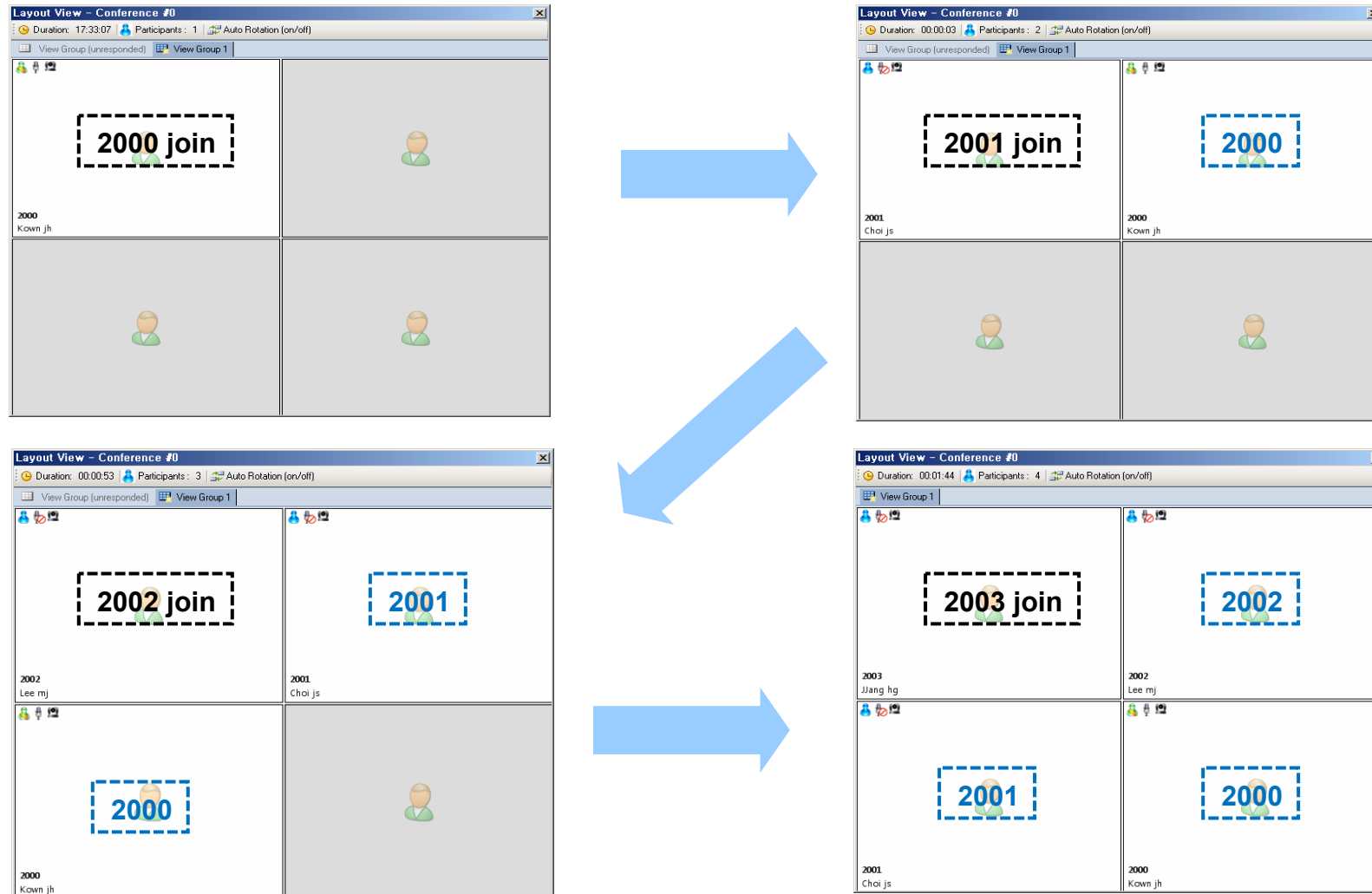
The screenshot shows the 'Add Conference' dialog box with the 'General' tab selected. The 'Arrange Mode' dropdown menu is highlighted in yellow and shows the options 'Fixed' and 'Dynamic', with 'Dynamic' selected. The 'Video' section is also visible, showing 'Layout Mode' set to 'Manual' and 'Arrange Mode' set to 'Dynamic'. Other settings include 'Conference Name', 'Description', 'Conference Number', 'Conference Mode', 'Conference Type', 'Media Type', 'Partition', 'Media Class', 'Secondary Media Class', 'Third Media Class', 'Max Participant', 'Conference Priority', 'Speaking Mode', 'Encryption Mode', 'Allow None Security Call', 'Close on Chair Out', 'Enable Voice Switching', 'Secret Room', 'Room Password', 'Video Layout', 'Floor to Full Screen', 'Floor Assign Mode', 'Display Participant Name', 'Color', 'Hide Display Message', 'Hide Indicator', 'Speaker and Floor to Full Screen', 'View Group Auto Rotation', and 'Interval'.

Arrange Mode
Fixed
Dynamic

Conference Name
Description
Conference Number
Conference Mode
Conference Type
Media Type
Partition
Media Class
Secondary Media Class
Third Media Class
Max Participant
Conference Priority
Speaking Mode
Encryption Mode
Allow None Security Call
Close on Chair Out
Enable Voice Switching
Secret Room
Room Password (4 digit)
Video
Terminal
Layout
Layout Mode
Arrange Mode
Video Layout
Floor to Full Screen
Floor Assign Mode
Display Participant Name
Color
Hide Display Message
Hide Indicator
Speaker and Floor to Full Screen
View Group Auto Rotation
Interval 15 sec.

Position Change in Dynamic Mode -New Participant

The new participant is set to the first position, and the others are shifted to the next position.



Position Change in Dynamic Mode -Assign Floor

The new floor is set to the first position, and the others are shifted to the next position.

