

AP-MC5000[™] Video MCU

High-performance Video MCU Solution

New Enhanced MCU Features



AddPac

AddPac Technology

2007, 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)
- Conference Service Diagram : Example



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)



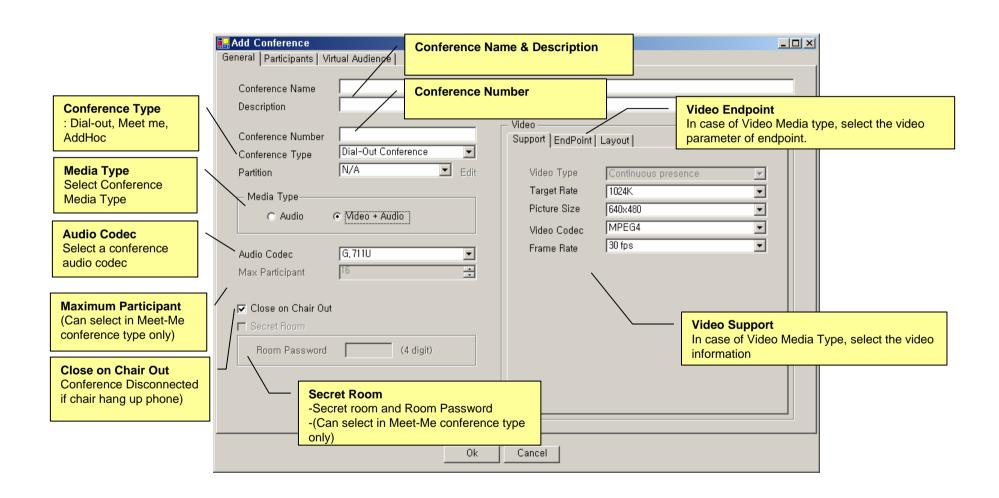
MCU Management (SMM)

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

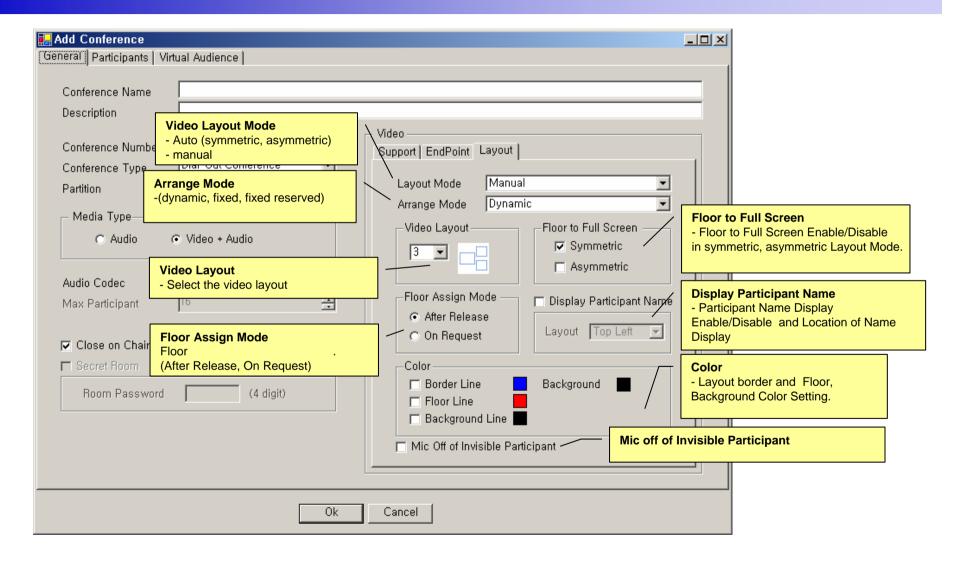


Conference Room



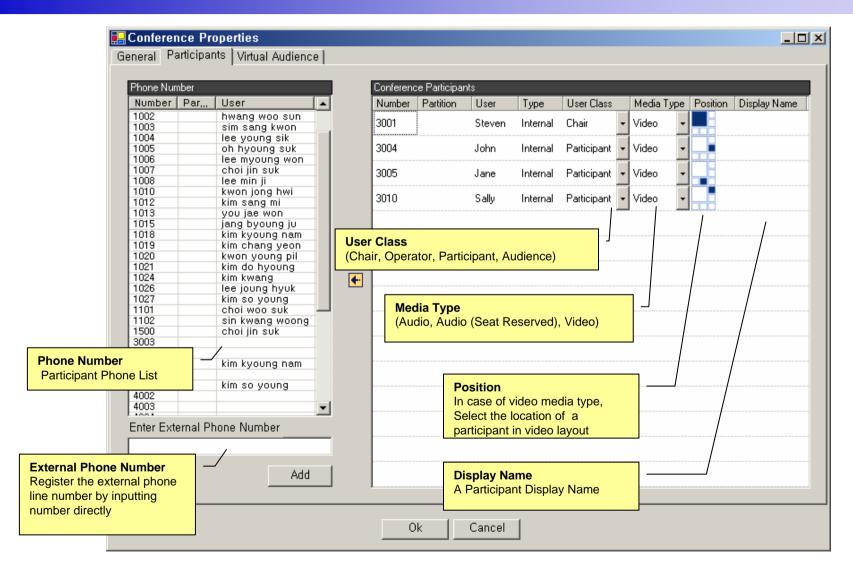


Conference - Layout



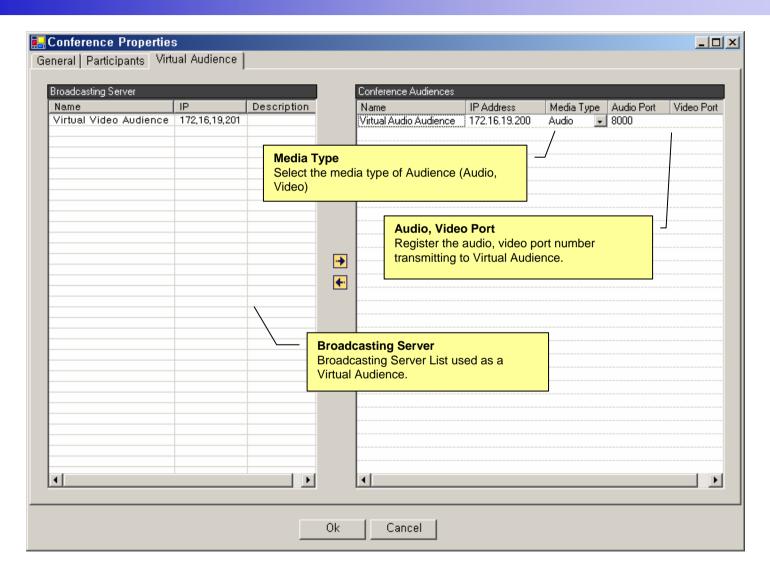


Conference - Participants



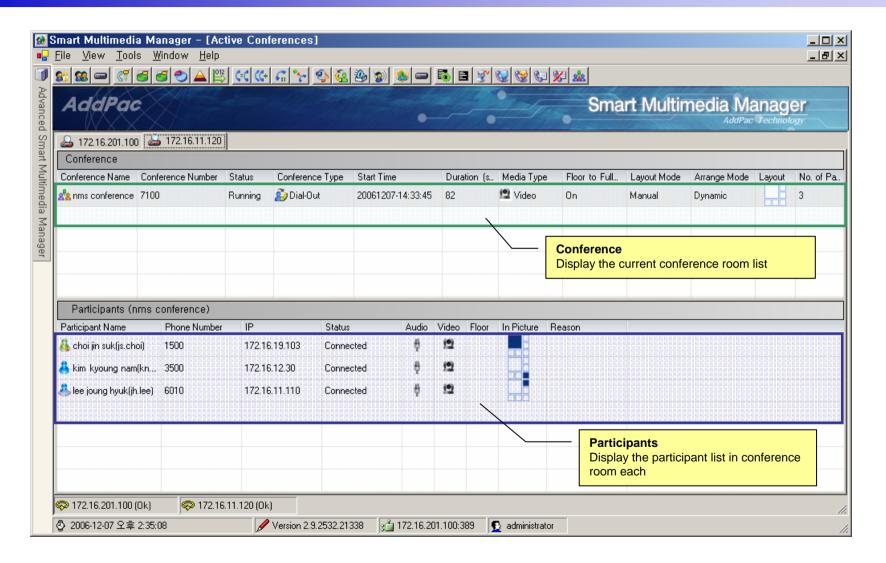


Conference – Virtual Audience



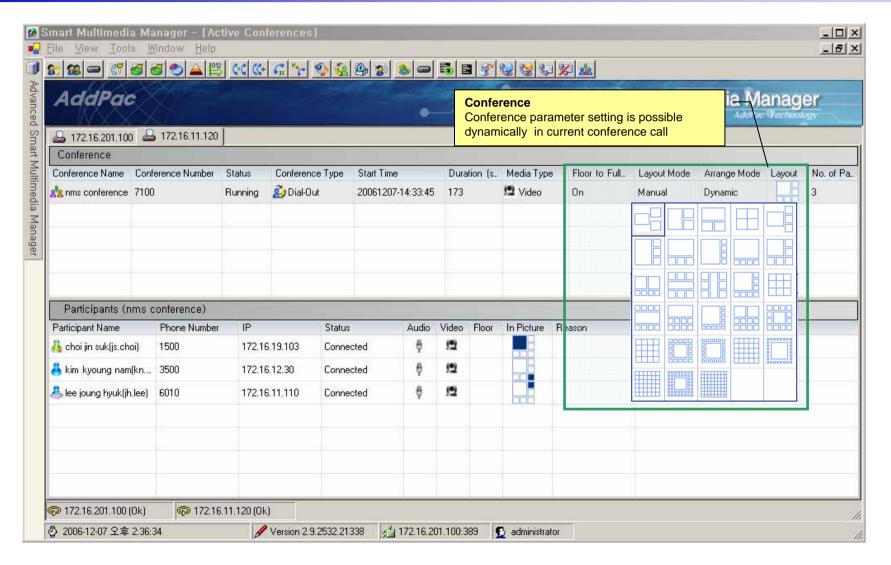


Active Conference (1)



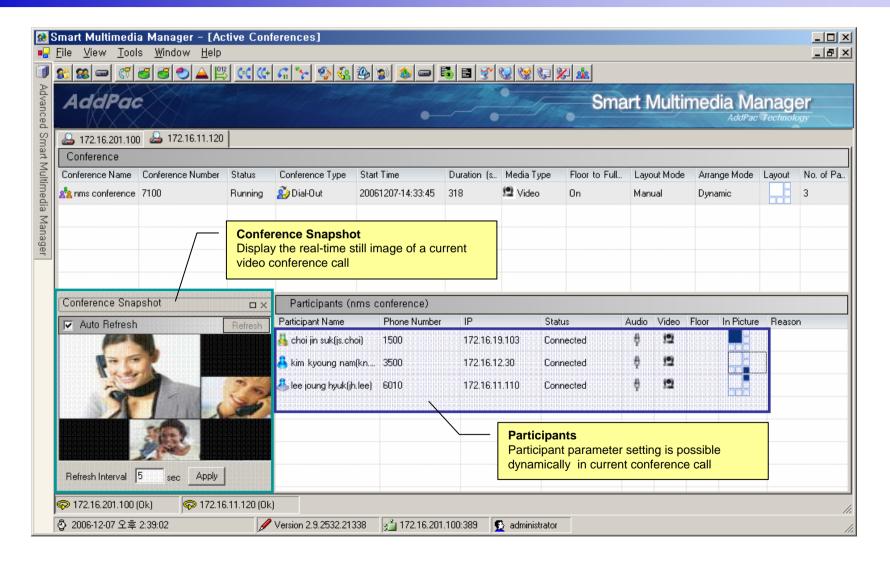


Active Conference (2)





Active Conference (3)





OSD (Video Phone, Video Terminal, etc)

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





Conference Room

Application >> Conference Room



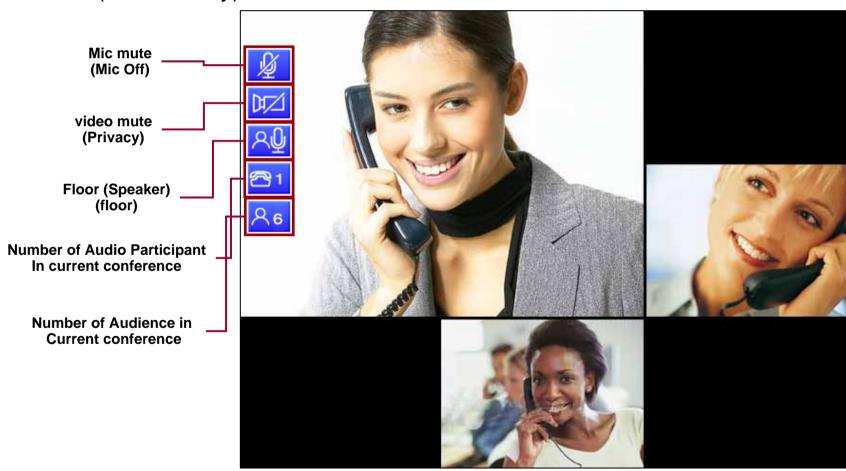
Conference Open

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



Indicators

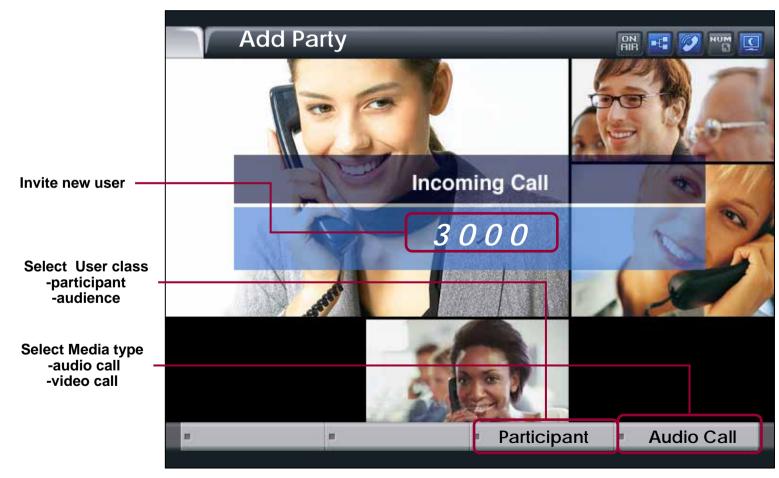
 User conference status information (function key)





Add Party

New User Invite in Current Conference





Layout

Video Layout Change in current conference





Floor To Full Screen

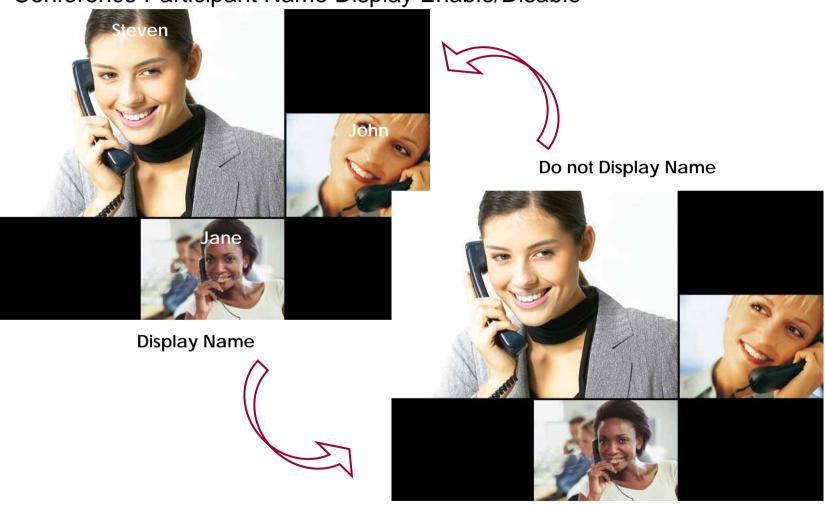
• Large view display mode : Floor Participant





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,



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

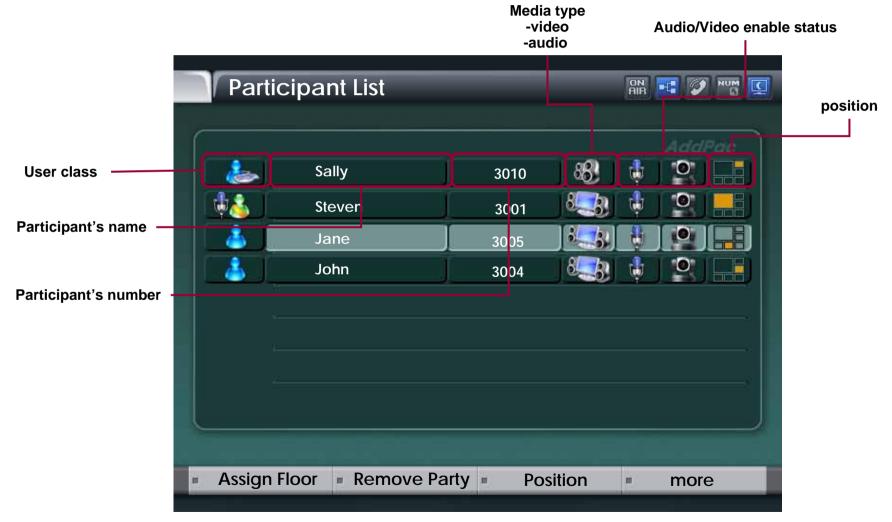






Detail participant list

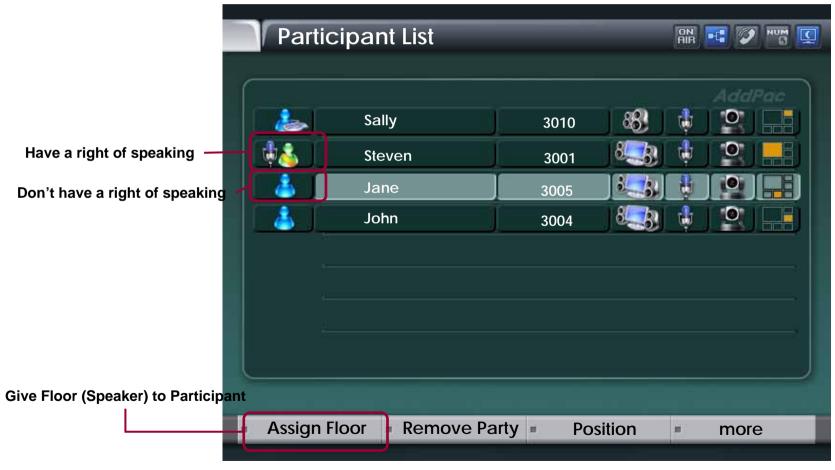
Can view the status information of member In conference





Assign floor

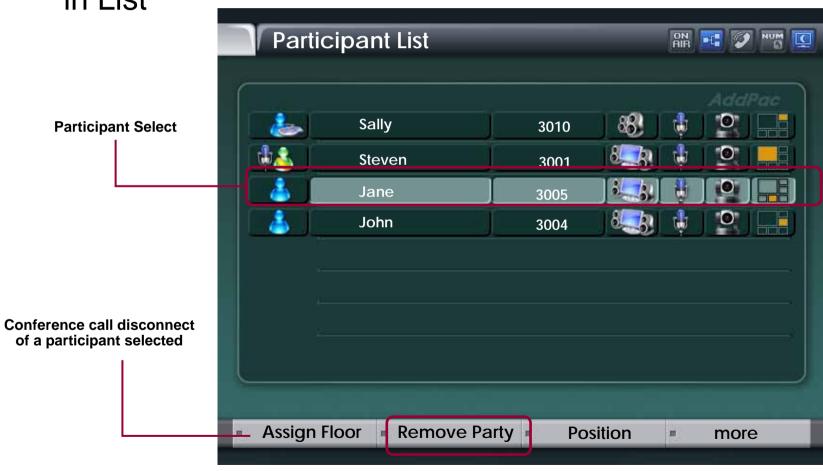
- Give floor (Right of Speaking) to Participant selected in List
 - The ICON of Participant having Floor is changed as MIC ICON



Remove Party

Conference Call Disconnect of a Participant selected







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 Audio Video Mute/Enable Mute/Enable Participant List Sally 3010 Steven 3001 Jane 3005 John 3004 Audio, video mute/ enable **User Class** Audio Enable Video Mute more



Video MCU Series

Thank you!

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