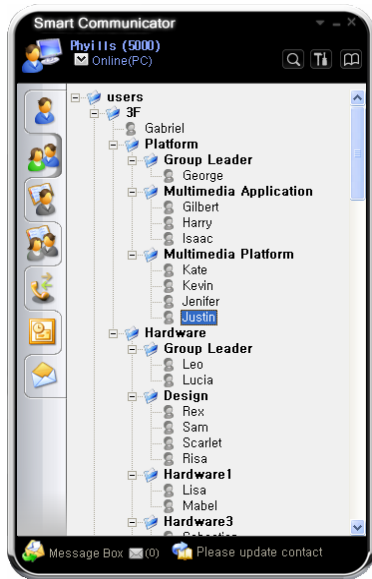


IPNext20

# Smart Communicator (version 1.0)

Without notice, design and function of AddPac Smart Communicator can be changed for the better performance and additional customer requirement.



Smart Communicator

# **AddPac**

## AddPac Technology

2010, Sales and Marketing

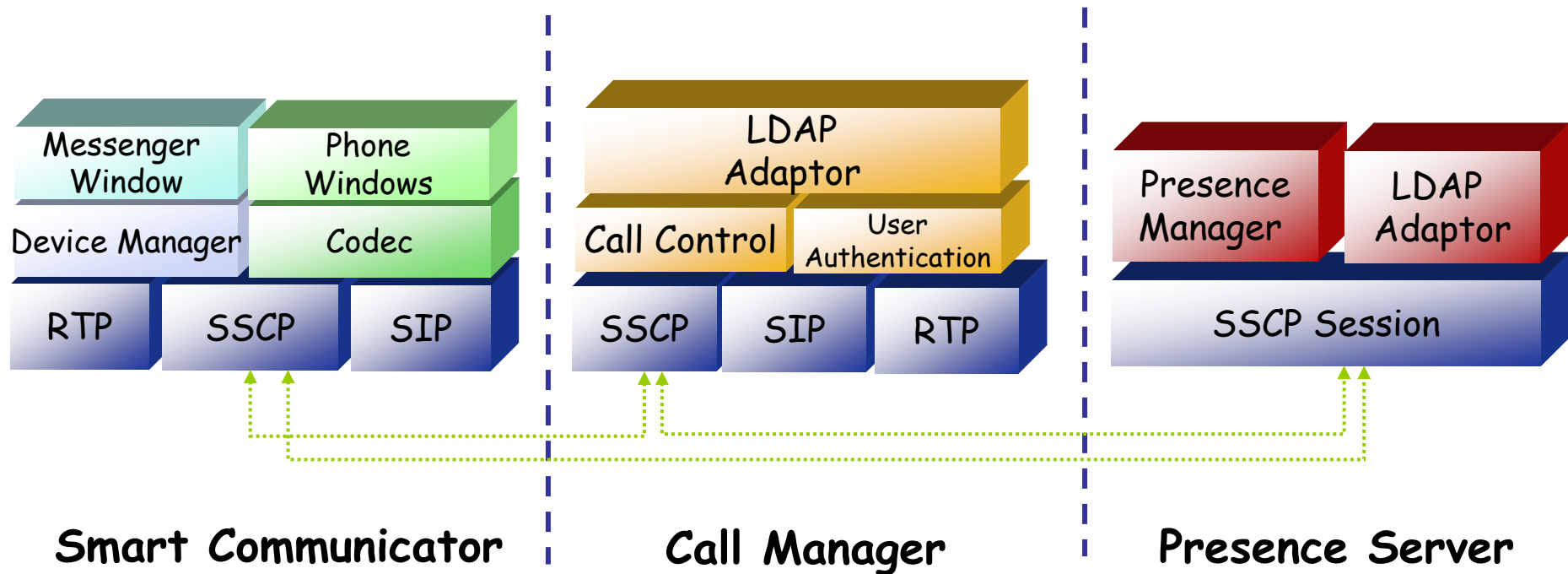
# Contents

- Overview
- Smart Communicator Structure
- Smart Communicator System Diagram
- Smart Communicator Feature
- Smart Communicator UI
  - Run
  - Phone Feature
  - Login Feature
  - Messenger Feature
  - Environment Configuration

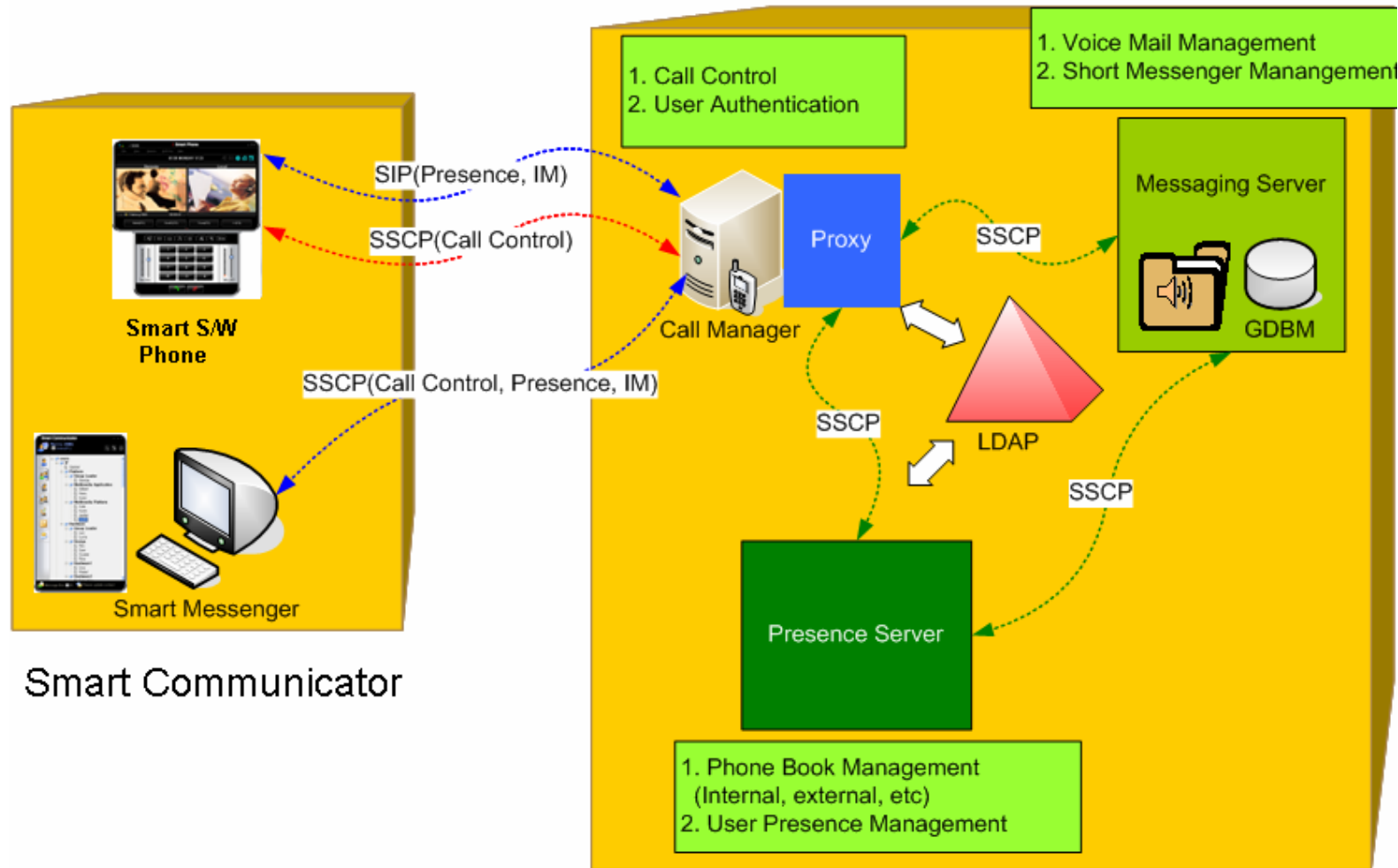
# Overview

- Smart Communicator Function
  - MS Window Platform ( Window XP, etc)
  - Smart S/W Phone + Smart Messenger
  - Support IP based Audio/Video Communication
  - Support various Voice/Video Codec
  - Support Messenger Service
  - Support Various Address Book
  - Support User Presence Information
  - Support Directory Search Feature
  - Interoperation with Address Book and IP Terminals
  - Support Unified Message Box
    - Voice Mail Box
    - Short Message Box

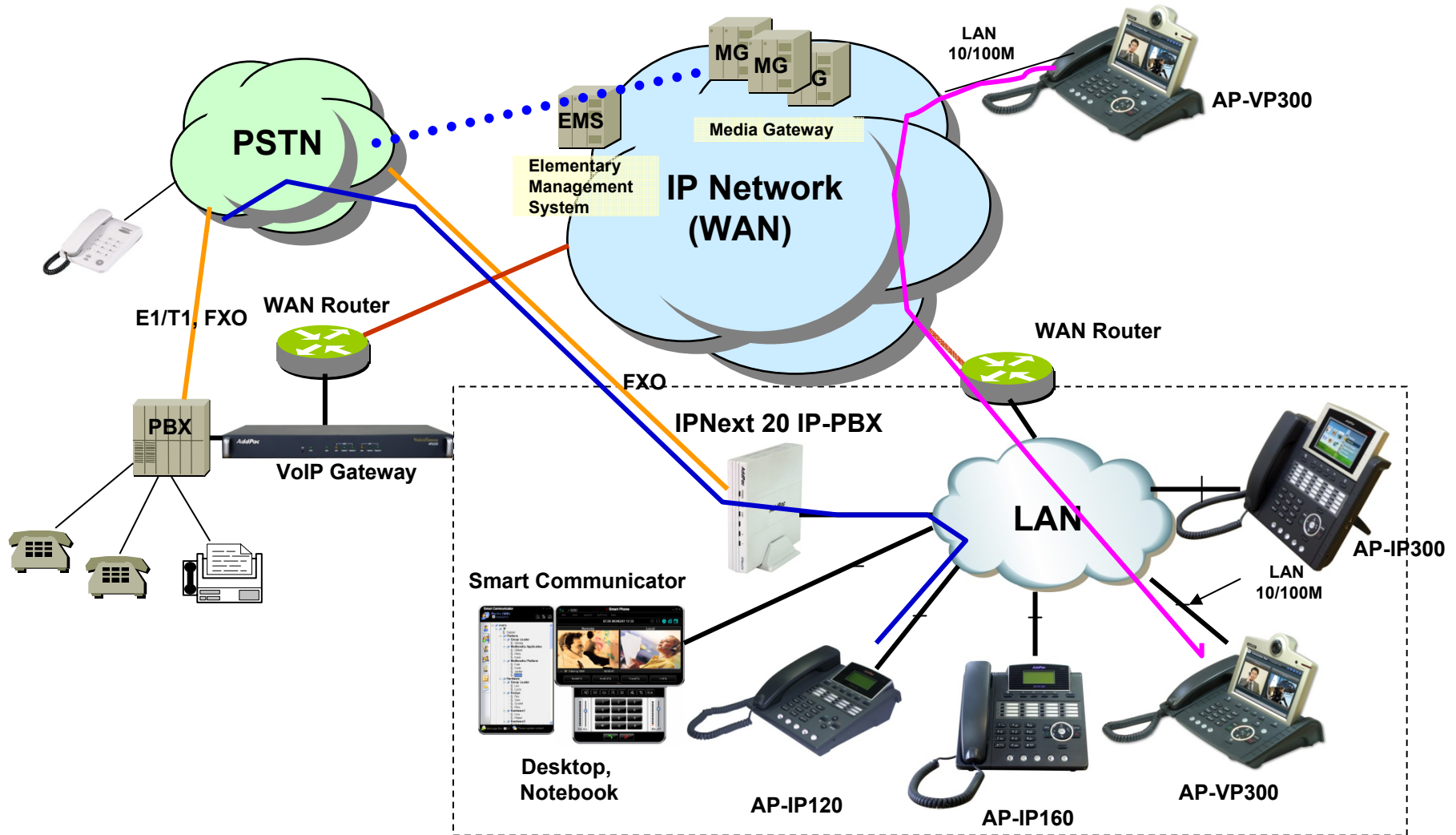
# Smart Communicator Structure



# Smart Communicator System Diagram



# Smart Communicator Network Diagram



# Smart Communicator Feature

- Smart S/W Phone Service
  - Communication Feature
    - Video Communication
      - Support Video Privacy On/Off
      - Support Varies Video Codec
        - » H.263, H.264, MPEG4
      - Support 30 fps Video Capability
      - Support View Mode Selection
        - » Single View (Local, Remote)
        - » Dual View (Local + Remote, Remote, Local)
      - Support Communication Screen Resize Feature
      - Support High Quality Video Frame
    - Voice Communication
      - Support Voice Privacy On/Off
      - Support Varies Voice Codec
        - » G.711 a/u law, G.722, G.726
      - Support Echo Cancelation Feature
      - Support High Quality Voice Sound

# Smart Communicator Feature(Con't)

- Smart S/W Phone Service
  - Communication Feature
    - Support Smart Call Control Protocol
      - SSCP/SIP (Smart Service Control Protocol)
      - Powerful Call Information Display and Call Control
      - Support User Friendly Soft-Key
    - Support Signaling Protocol
      - SIP, SSCP(AddPac Proprietary)
    - Support Band-Width Control and Rate Control
    - Support Volume Control
      - Micro Phone Volume, Speaker Volume
    - Support Audio and Camera Configuration
    - Support Phone Call Control( Support Multi-Address )
      - Forward Setup
      - Call Waiting Setup



# Smart Communicator Feature (cont.)

- Messenger Service
  - User Login / Logout Feature
  - Address Book Feature
    - Presence Support Address Book
      - Intra Private Contacts (New)
        - » Group Create, Modify, Delete
        - » User Add, Delete
        - » Add User from Intra Public Contacts
      - Intra Public Contacts
      - Common Feature
        - » Dial, Send Short Message
        - » Conference (New)
        - » View User Profile
        - » Send e-mail
        - » Display User Status
    - Dial, Send Short Message, Send e-mail, Conference using Address Book
    - Private Contacts Managing Feature
    - User Profile Information

# Smart Communicator Feature (cont.)

- Messenger Service
  - Address Book Feature
    - Presence not Support Address Book
      - External Private Contacts (New)
        - » Address Group Create, Modify, Delete
        - » Address Item Create, Add, Delete
        - » Add Address Item from External Public Contacts
      - External Public Contacts (New)
      - Common Feature
        - » Dial to Home, Office, Mobile
        - » Send e-mail
    - Dial, Send e-mail, Using Address Book
    - Private Contacts Managing Feature
    - User Search Feature

# Smart Communicator Feature (cont.)

- Messenger Service
  - Presence Service Feature
    - My Status Setting
    - User Presence Status View and Update
      - Online, Working, Away, Absence
      - Be In Conference
  - User Profile Setting Feature
  - Unified Message Box Feature
    - Voice Mail Box
      - Play, Save, Delete
    - Short Message Box
      - New Message, Open, Reply, Forward, Save, Delete
    - New Message Notify
    - Message Store In User PC

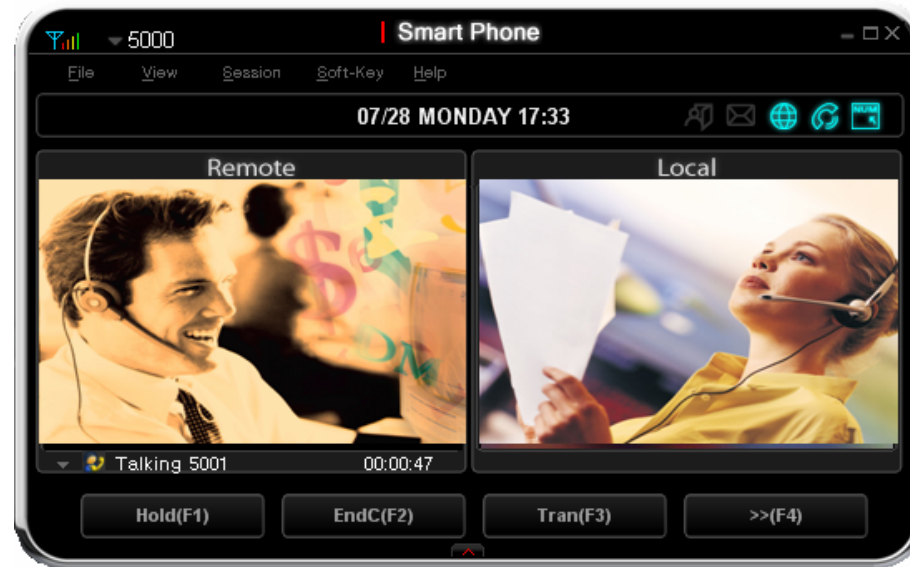
# Smart Communicator Feature (cont.)

- Messenger Service
  - Recent Call Log Feature
    - Call Log Store In User PC
    - Call Log View
    - Call Log Remove and Clear
  - Privacy Information Setup
    - Display Name Setup
    - Login Password
    - Voice Mail Box Password
    - Etc
  - Auto Upgrade Feature

# Smart Communicator Run



[Figure 1]



[Figure 2]

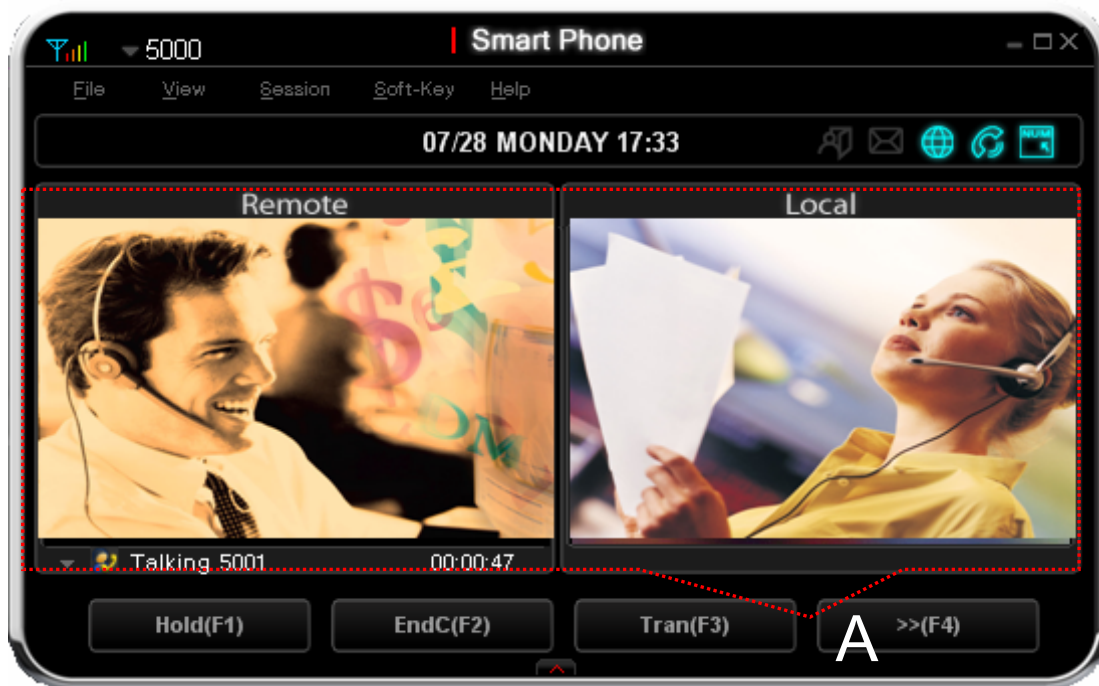


[Figure 3]

**AddPac**

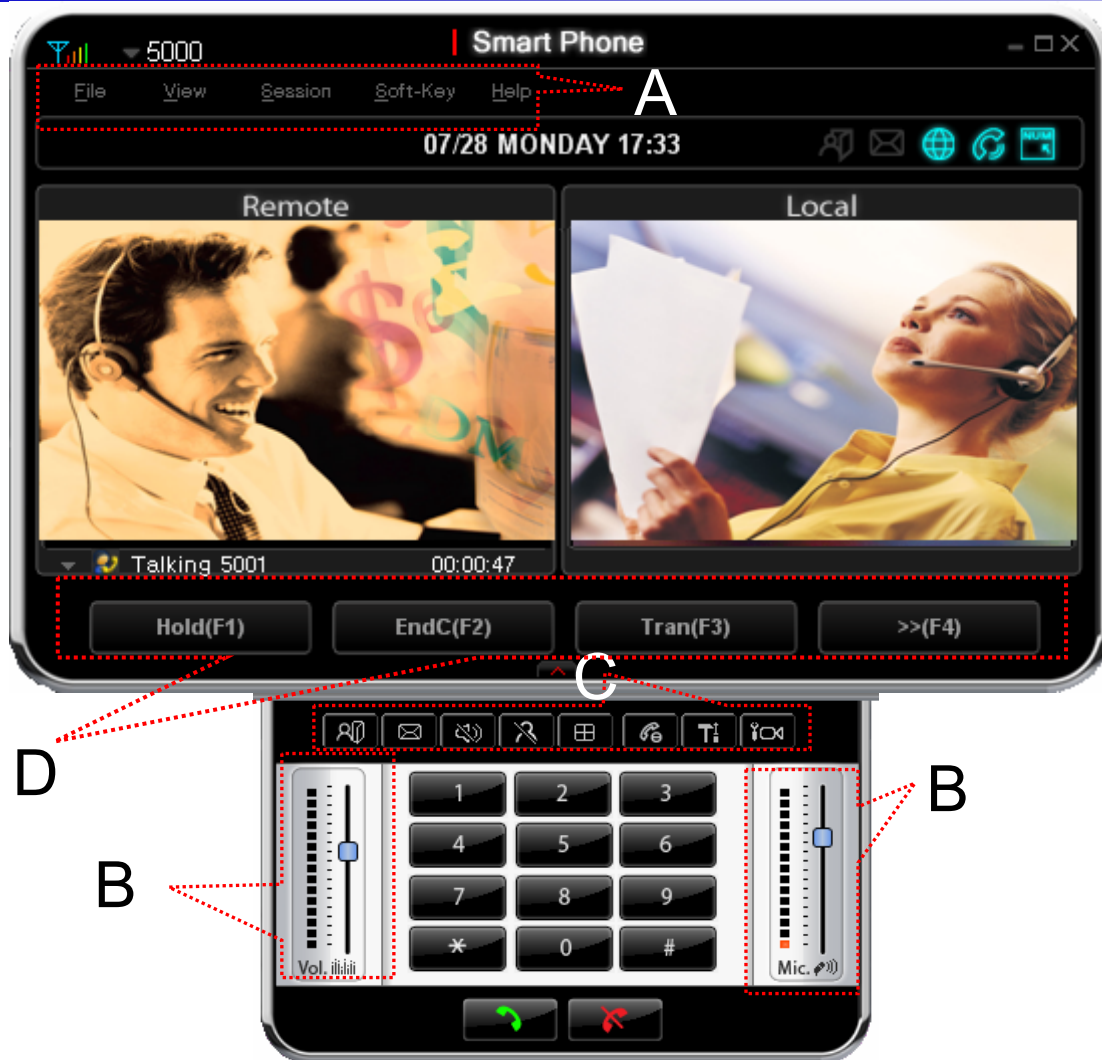
- Communicator Run
  - [Figure 1] shows the login screen of smart communicator program. [Figure3] is ICON of Smart Communicator Program.
  - [Figure2] show the phone screen of smart communicator program

# Smart Communicator Phone Feature



- “A” Part
  - Communicator Screen
  - Support varies view mode
    - Single mode(Local, Remote)
    - Dual mode (Local and Remote, Remote, Local)

# Smart Communicator Phone Feature



- “A” Part
  - Phone Main Menu
  - View Mode
- “B” Part
  - Volume Control
    - Mic Volume
    - Speaker Volume
- “C” Part
  - Phone Control Button
  - Absence, Voice Mail, Audio Mute, Video Privacy, Layout, Flash, Configuration, Camera Setting
- “D” Part
  - Soft-Key (F1,F2,F3,F4)<sub>15</sub>

# Smart Communicator Phone Feature



## “A” Part

- Show Phone Connect Status

## “B” Part

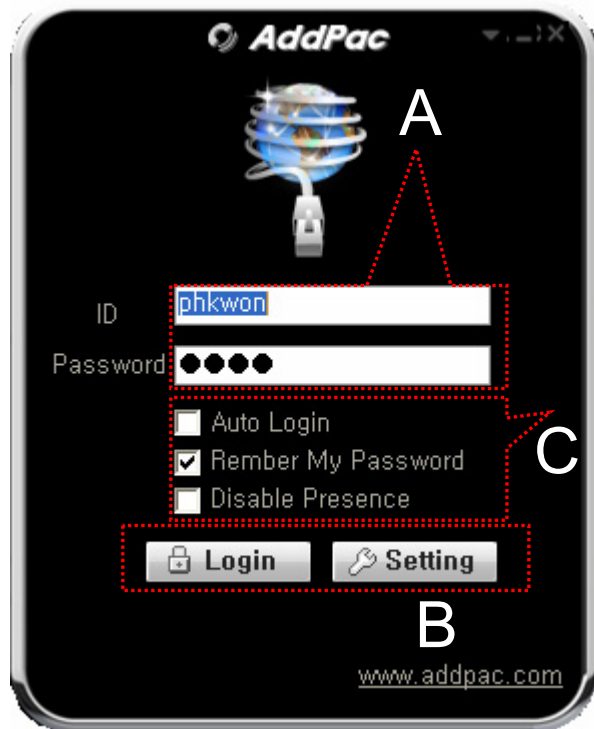
- Dial Pad
- Off-Hook Button
- On-Hook Button

## “C” Part

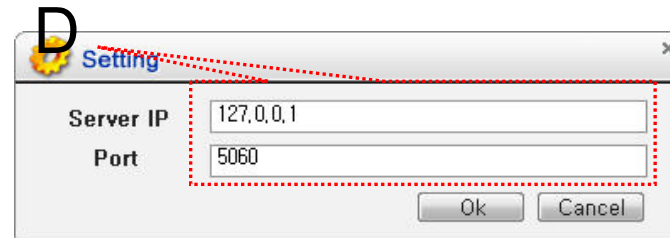
- Call Information Display
- Show remote user phone number or name, call status, talk time



# Smart Communicator Messenger Login



[Figure 1]



[Figure 2]

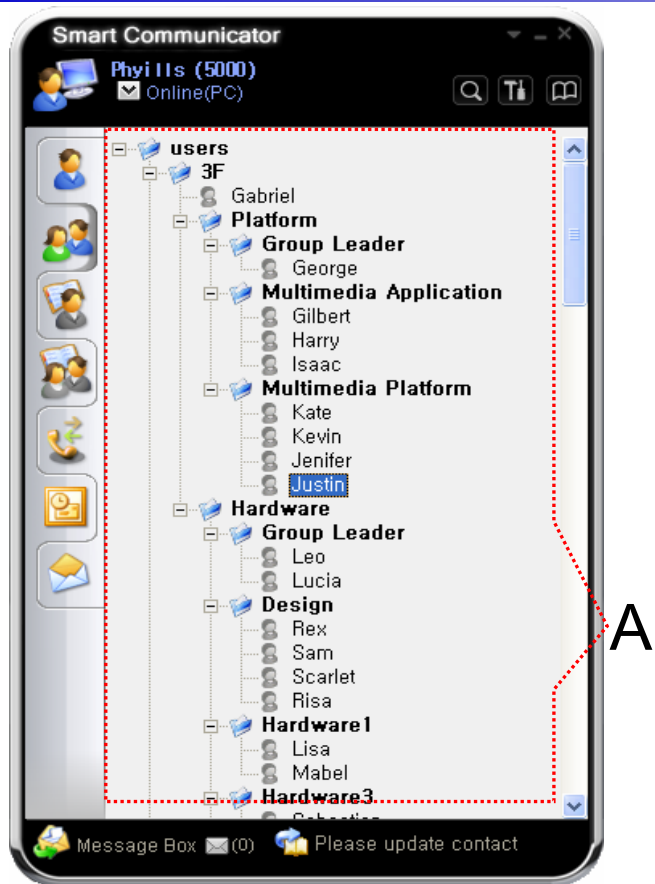


[Figure 3]

- Communicator Login
  - [Figure 1] shows the login picture of smart communicator program. “E” of [Figure3] is ICON of Smart Communicator Program.
  - When program is started initially, user should set the network configuration parameter such as IP address, Port number of Presence Server and Call Manager.[Figure2]
  - After inputting ID and Password, press the login button

# Smart Communicator

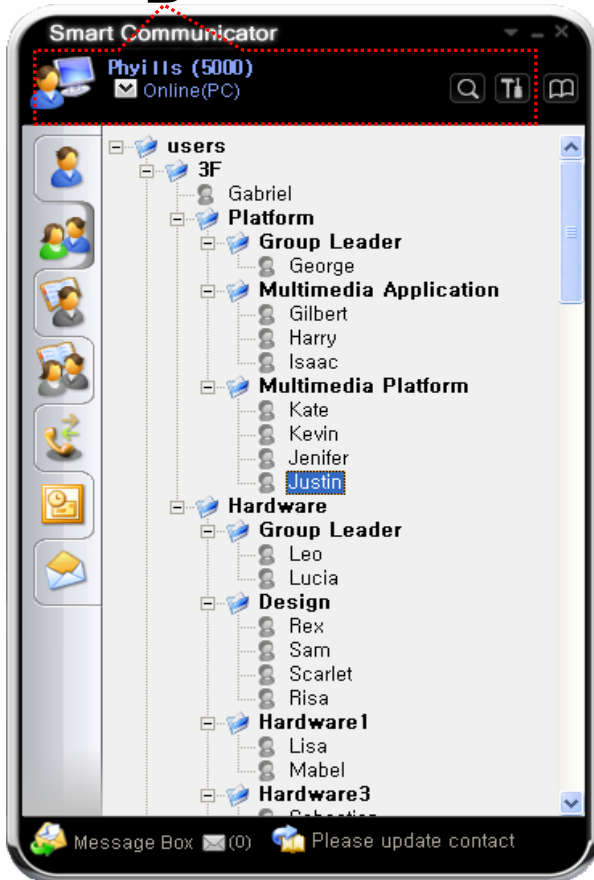
## Messenger Feature



- A Part
  - Contact List Part
    - Support Presence Service Contacts
      - Intra Private Contacts – Company Personal Phone Book
      - Intra Public Contacts – Company Phone Book
    - Not Support Presence Service Contacts
      - Extra Private Contacts – Personal Phone Book
      - Extra Public Contacts – customer list Phone Book, etc
  - Recent Call Logs – Recent call history

# Smart Communicator Messenger Feature

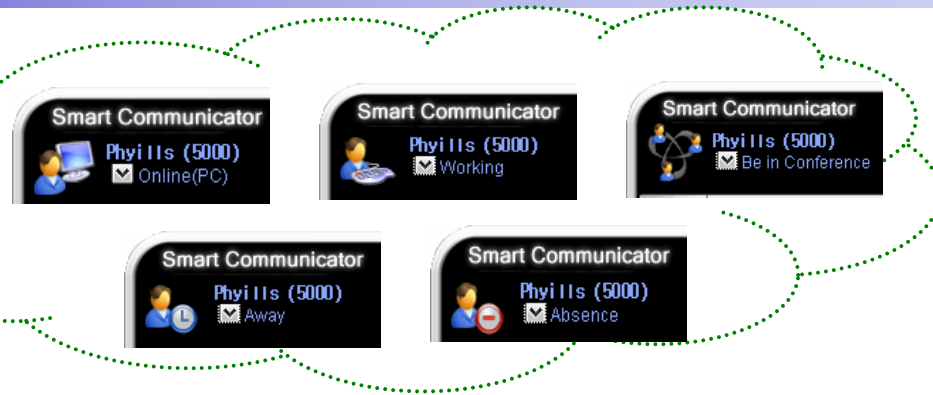
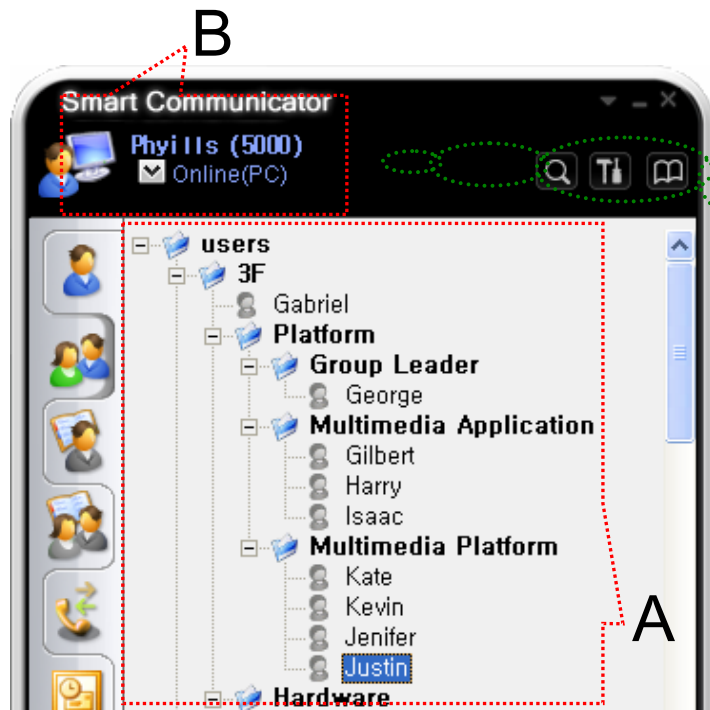
B



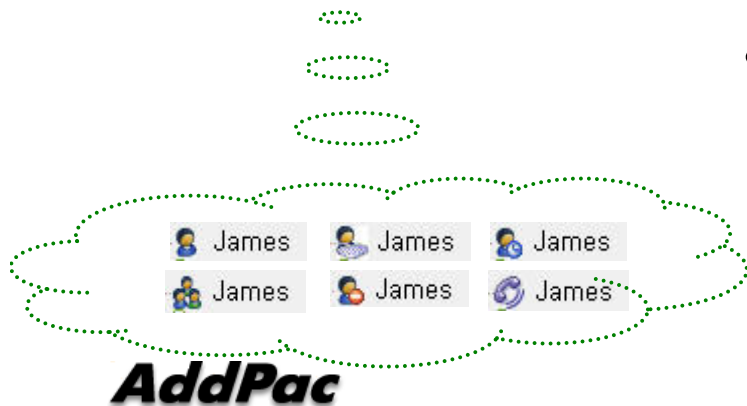
- B Part

- Presence Status Display Part
  - Presence Status Display
    - On-line, Off-Line, Working, Away, Absence
    - Be In Conference, Call Busy
- Search a User Button
- Configuration Button
- Message Box On/Off Button
- Contact List Refresh Button

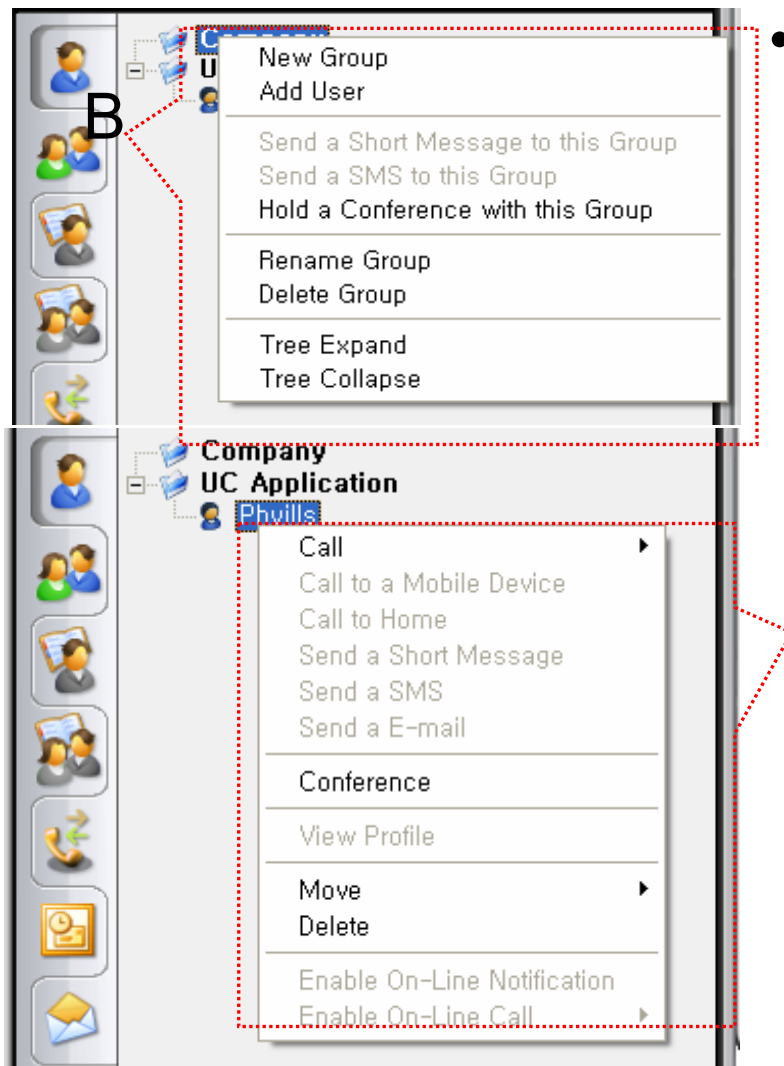
# Smart Communicator Messenger Feature



- Presence Status Display
  - “B” Part
    - Local User Presence Status Display
  - “A” Part
- Other User Presence Status Display
  - Intra Private Contacts, Intra Public Contacts (Presence Server Support)



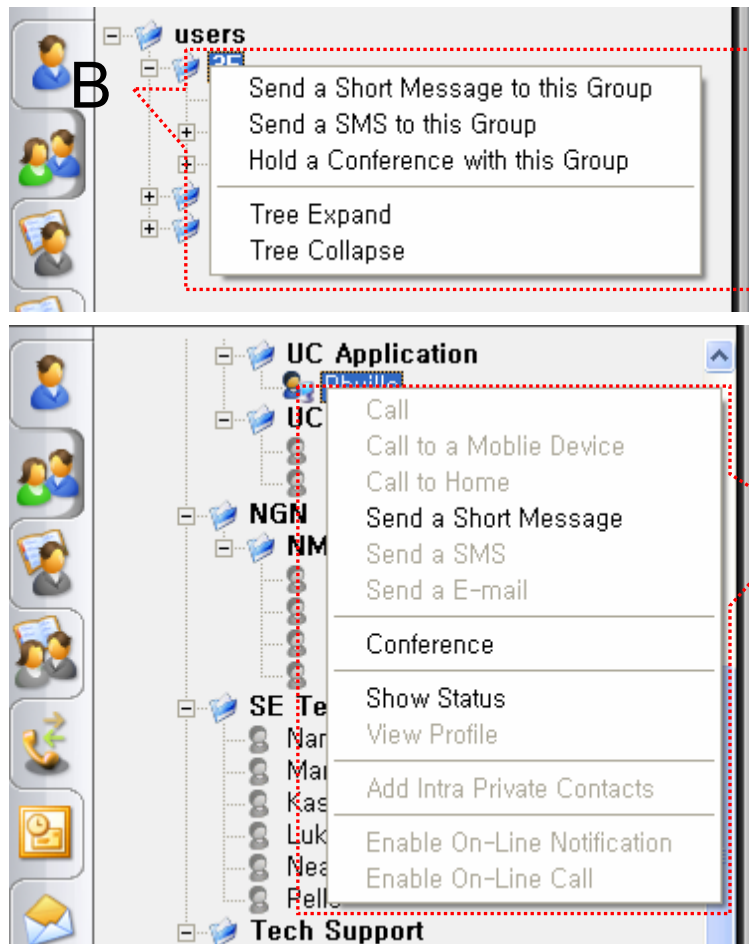
# Smart Communicator Messenger Feature



## • Intra Private Contacts

- Support User Presence Status
- Group Create, Modify, Delete
- User Add, Delete
- Add User from Intra Public Contacts
- Common Feature
  - Dial, Send Short Message
  - Conference (New)
  - View User Profile
  - Send e-mail
  - Display User Status
- Dial, Send Short Message, Send e-mail, Conference Using Address Book
- Private Contacts Managing Feature
- User Profile Information View

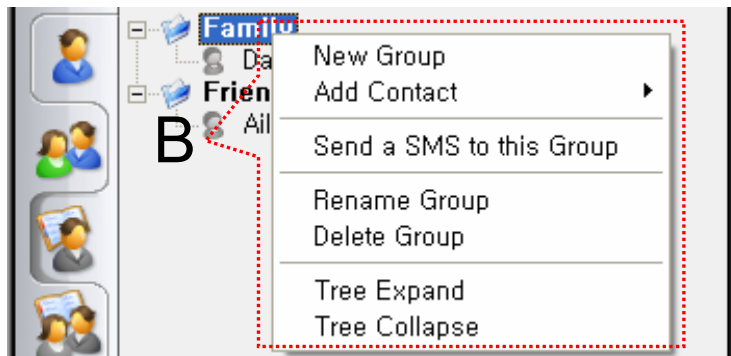
# Smart Communicator Messenger Feature



- Intra Public Contacts

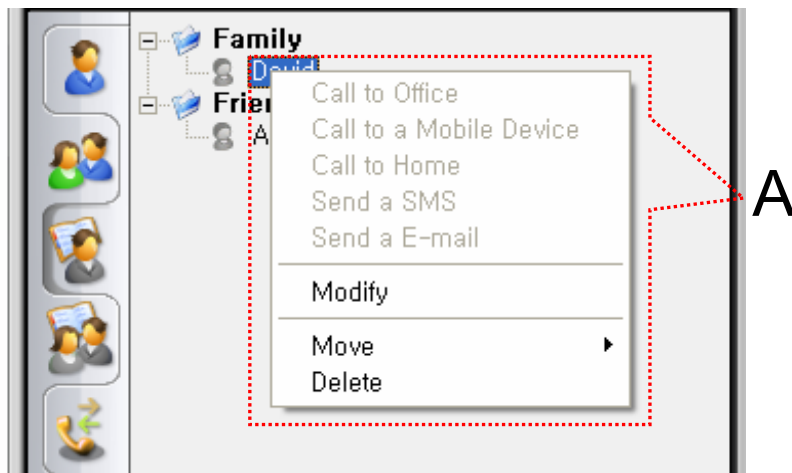
- Support User Presence Status
- Common Feature
  - Dial, Send Short Message
  - Conference (New)
  - View User Profile
  - Send e-mail
  - Display User Status
- Dial, Send Short Message, Send e-mail, Conference Using Address Book
- User Profile Information View

# Smart Communicator Messenger Feature

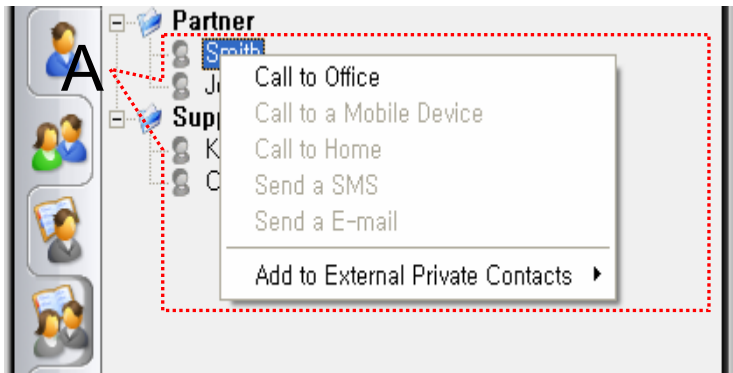


- **Extra Private Contacts**

- Not Support User Presence Status
- Address Group Create, Modify, Delete
- Address Item Create, Add, Delete
- Add Address Item from External Public Contacts
- Common Feature
  - Dial to Home, Office, Mobile
  - Send e-mail
- Dial, Send e-mail, Using Address Book
- Private Contacts Managing Feature



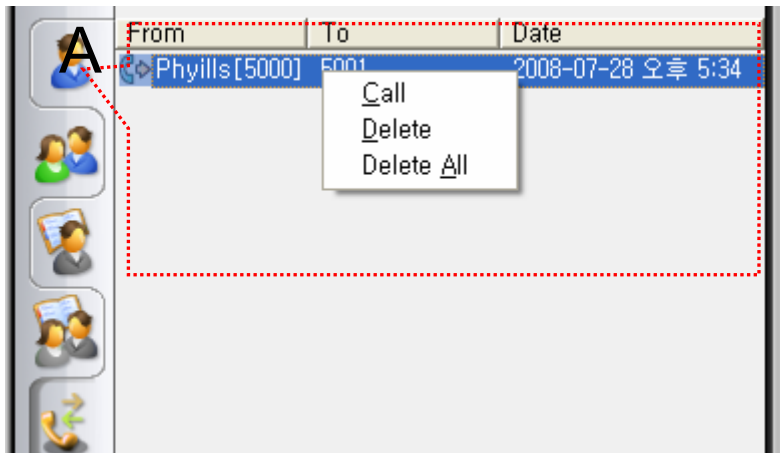
# Smart Communicator Messenger Feature



- Extra Public Contacts
  - Not Support User Presence Status
  - Common Feature
    - Dial to Home, Office, Mobile
    - Send e-mail
  - Dial, Send e-mail, Using Address Book



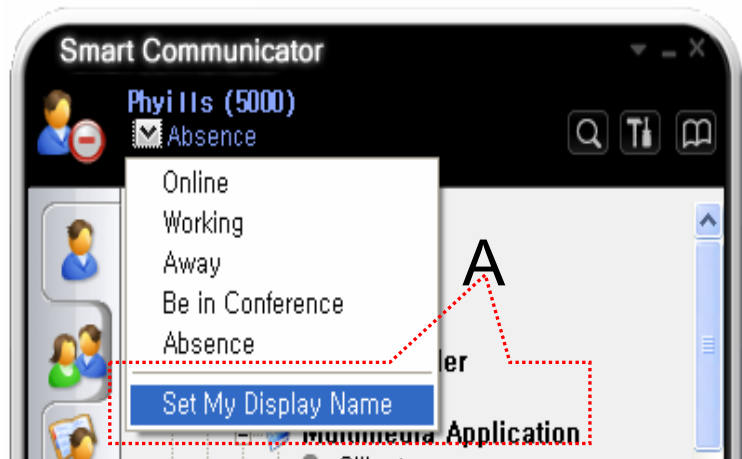
# Smart Communicator Messenger Feature



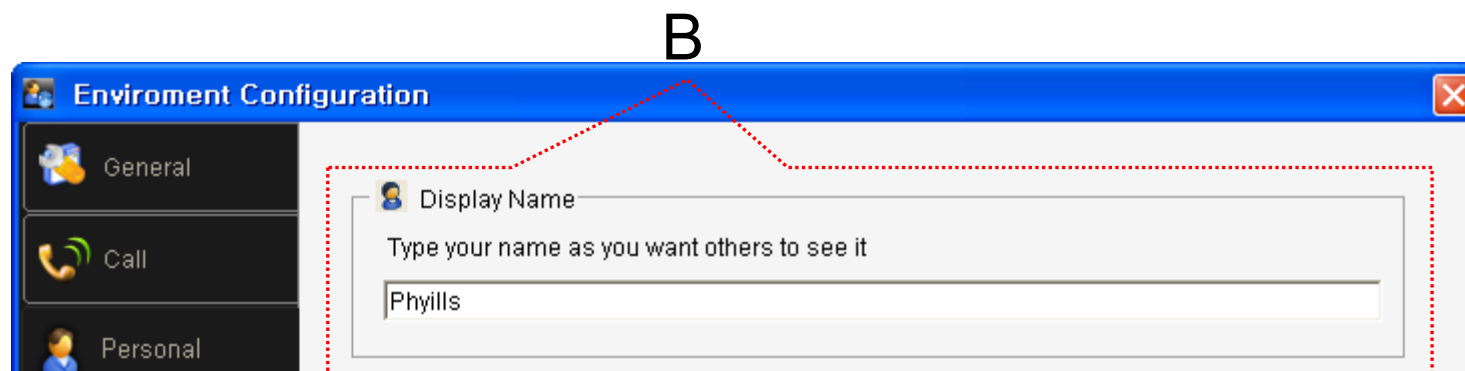
## • Recent Call Logs

- View In/Out Call Log
- Support Call Log Remove/Clear
- Dial Using Recent Call Logs

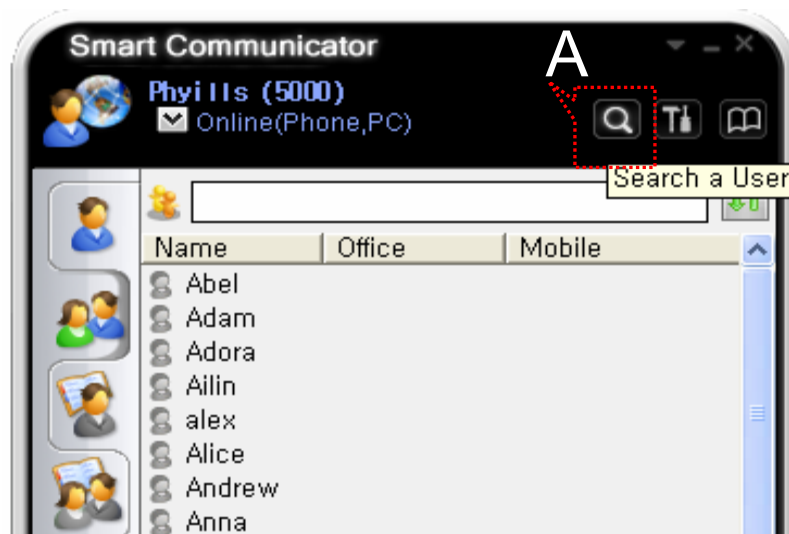
# Smart Communicator Messenger Feature



- Change Display Name
  - [Figure A] “Set My Display Name” Menu Select , pop up the [Figure B]
  - In [Figure B], type the Display Name user want, and then press “OK” button



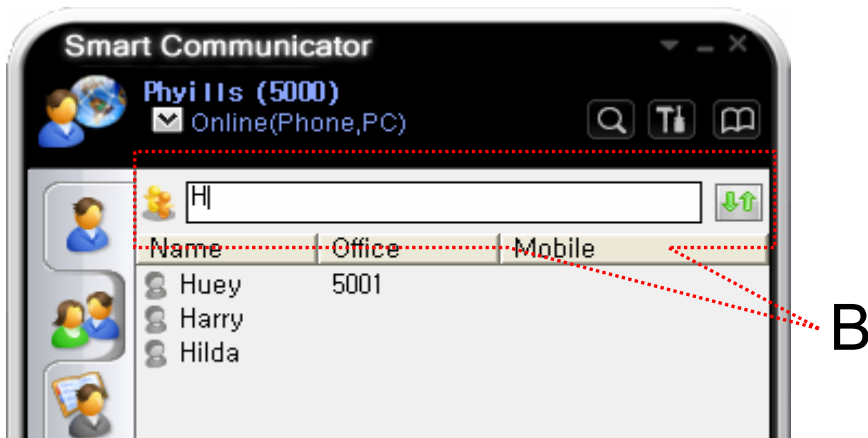
# Smart Communicator Messenger Feature



- User Search

- [Figure A] “Search a User button” select or press “Intra Public Contacts button”

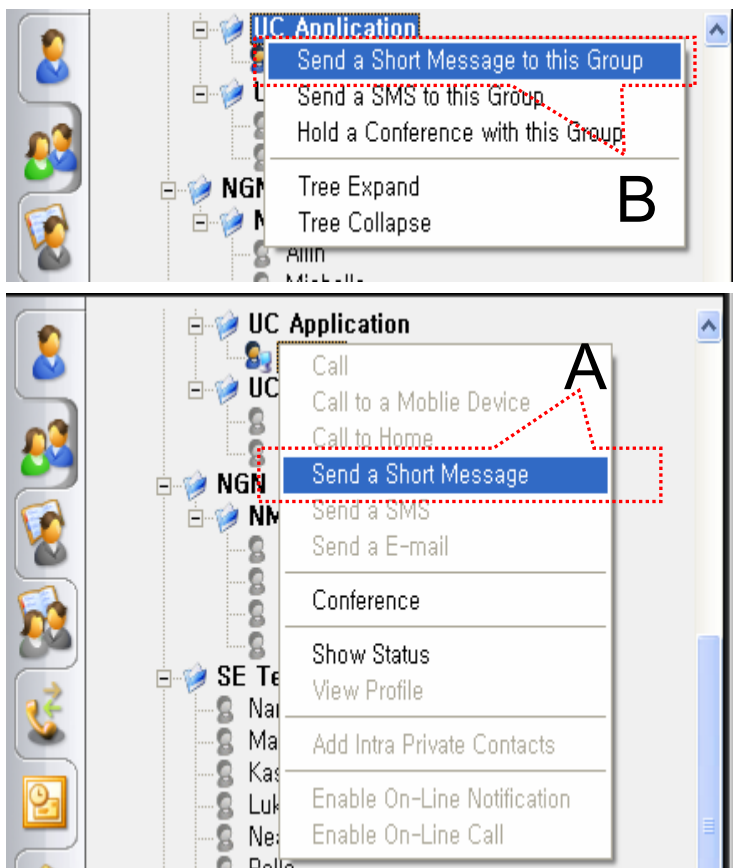
- In [Figure B], type the Search and then Input User Name or Phone Number



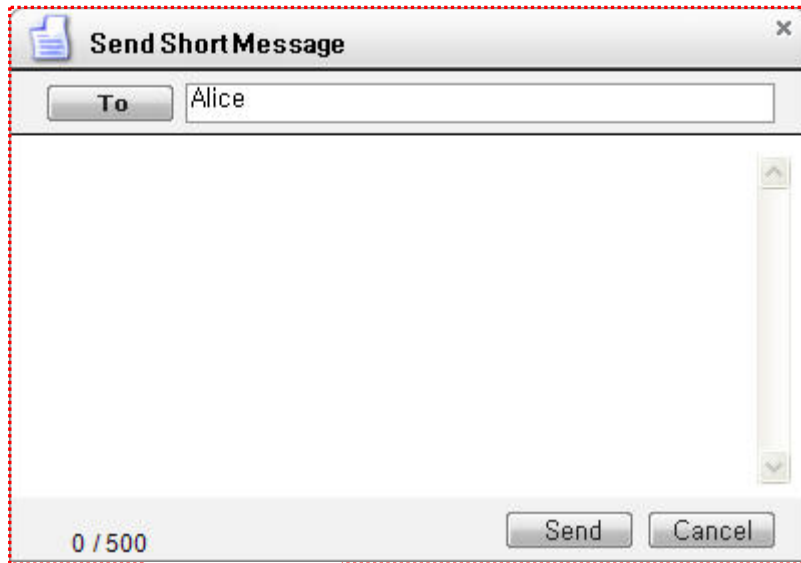
# Smart Communicator Messenger Feature

- Send a Short Message

- Use in Intra Contacts
- User can send a Short Message to Group using mouse right button menu like as [Figure B] in Group Name of Phone Book
- User can send a Short Message to Personal User using mouse right button menu like as [Figure A] in Personal Name of Phone Book



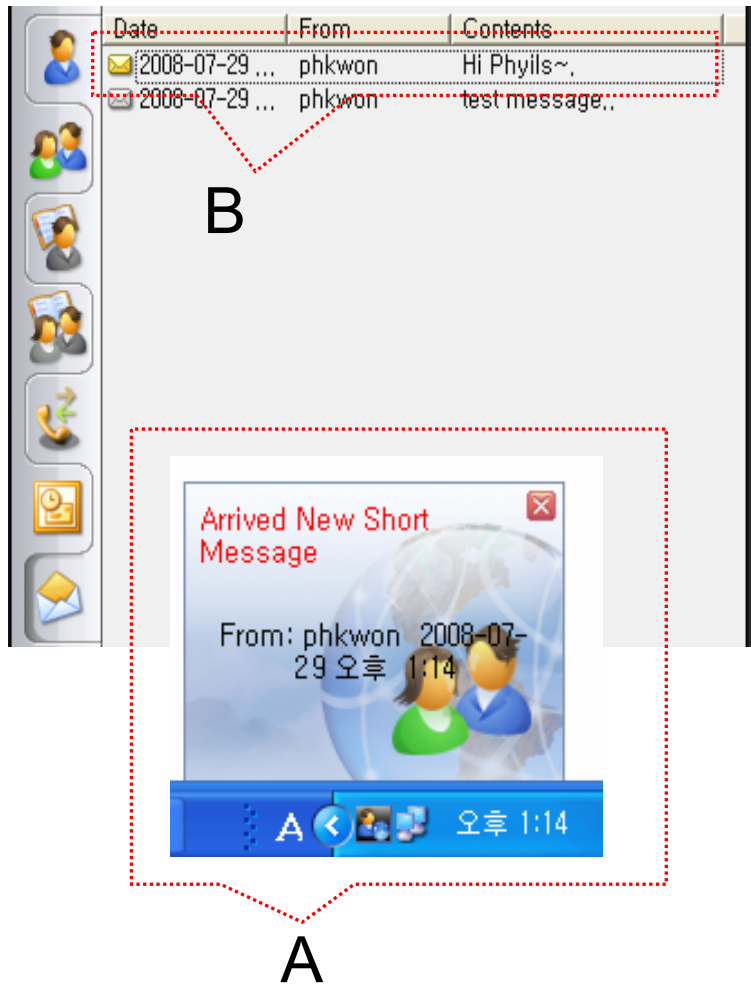
# Smart Communicator Messenger Feature



A

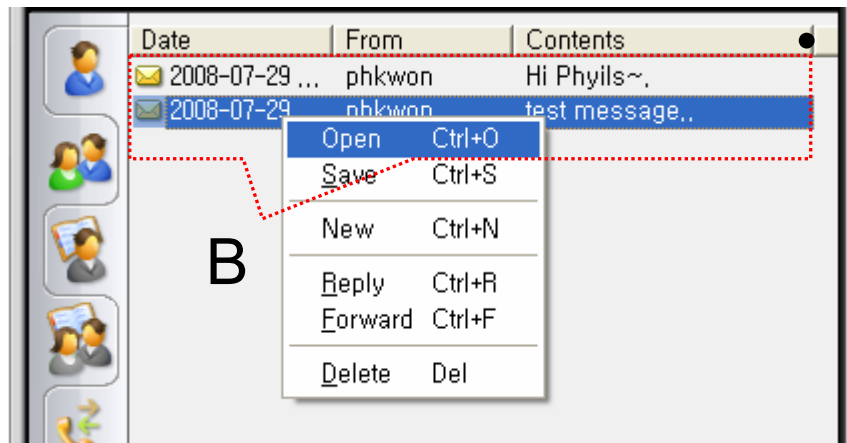
- Send a Short Message
  - If press the “Send” button after inputting Short Message, User can send a Short Message.
  - To add the short message receiving users, use the “To” button.

# Smart Communicator Messenger Feature



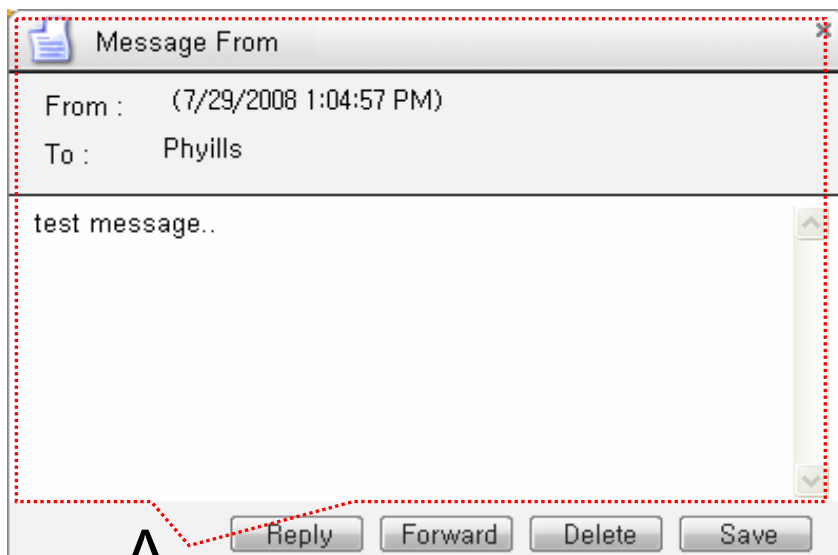
- Short Message New Arrival Notify
  - When new Short Message is arrived , notify message shown as [Figure A] is displayed in User PC terminal.
  - Short Message List is updated newly shown as [Figure B].

# Smart Communicator Messenger Feature

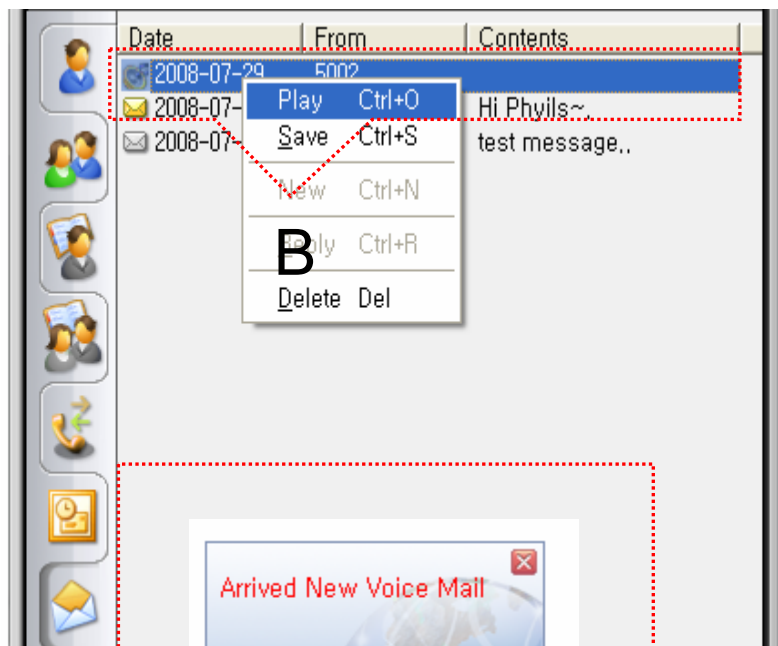


## Short Message Read

- Click the message user want to read in Message List. Select “Open Menu”.
- User can see the “ Short Message “ Like as [Figure A]
- Forward, Delete, Save Command is possible.



# Smart Communicator Messenger Feature

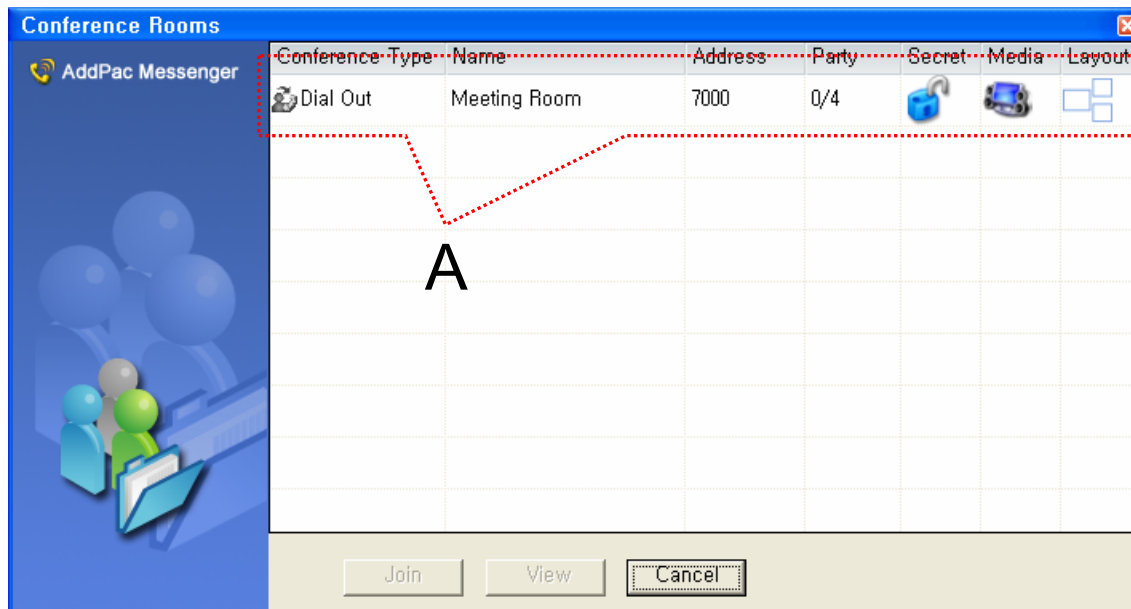


A

- Voice Mail Received Notify
  - When new Voice Mail is arrived , notify message shown as [Figure A] is displayed in User PC terminal.
  - Voice Mail List is updated newly shown as [Figure B].



# Smart Communicator Messenger Feature



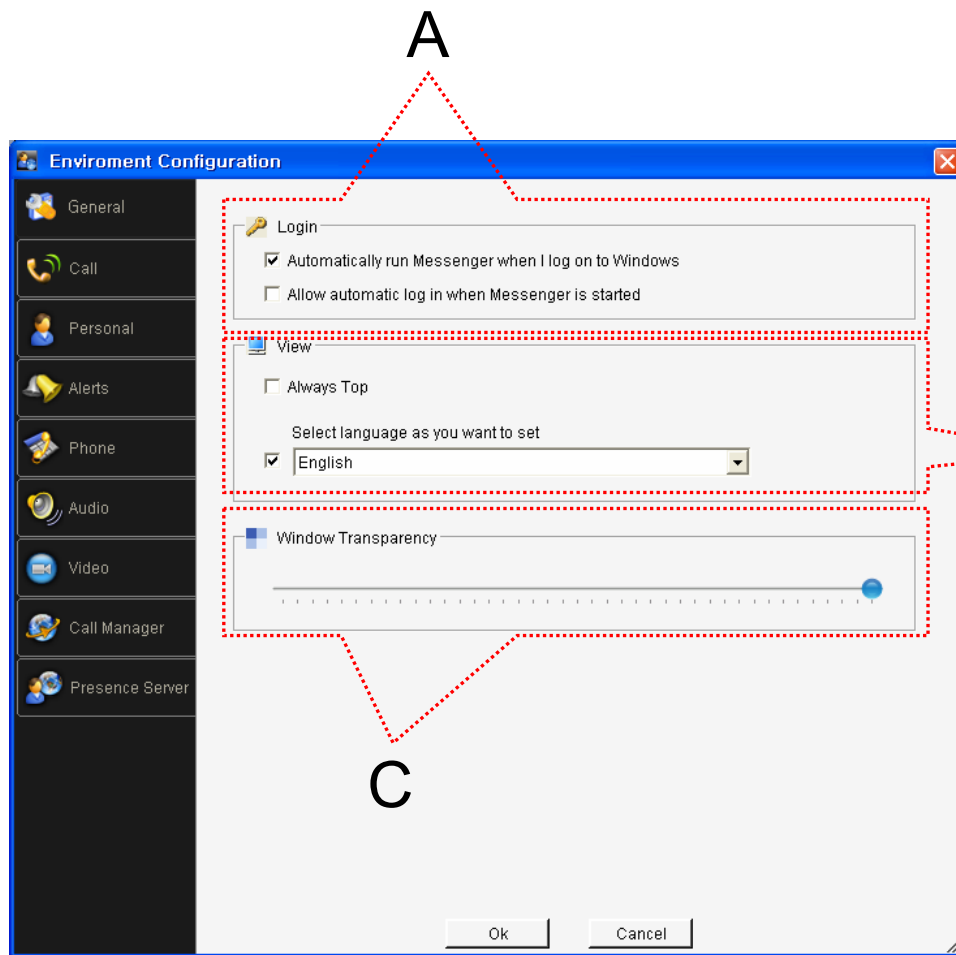
- Conference Rooms

- User can see the Conference Room in IP-PBX if Click the “Action Command” in Smart Messenger.

- “A” part display Conference Room List

- Dial – Out Conference
- Meet-Me Conference

# Smart Communicator Configuration Feature



- General Setting

- “A” Part

- Automatic Messenger running mode setting
    - Automatic login mode setting

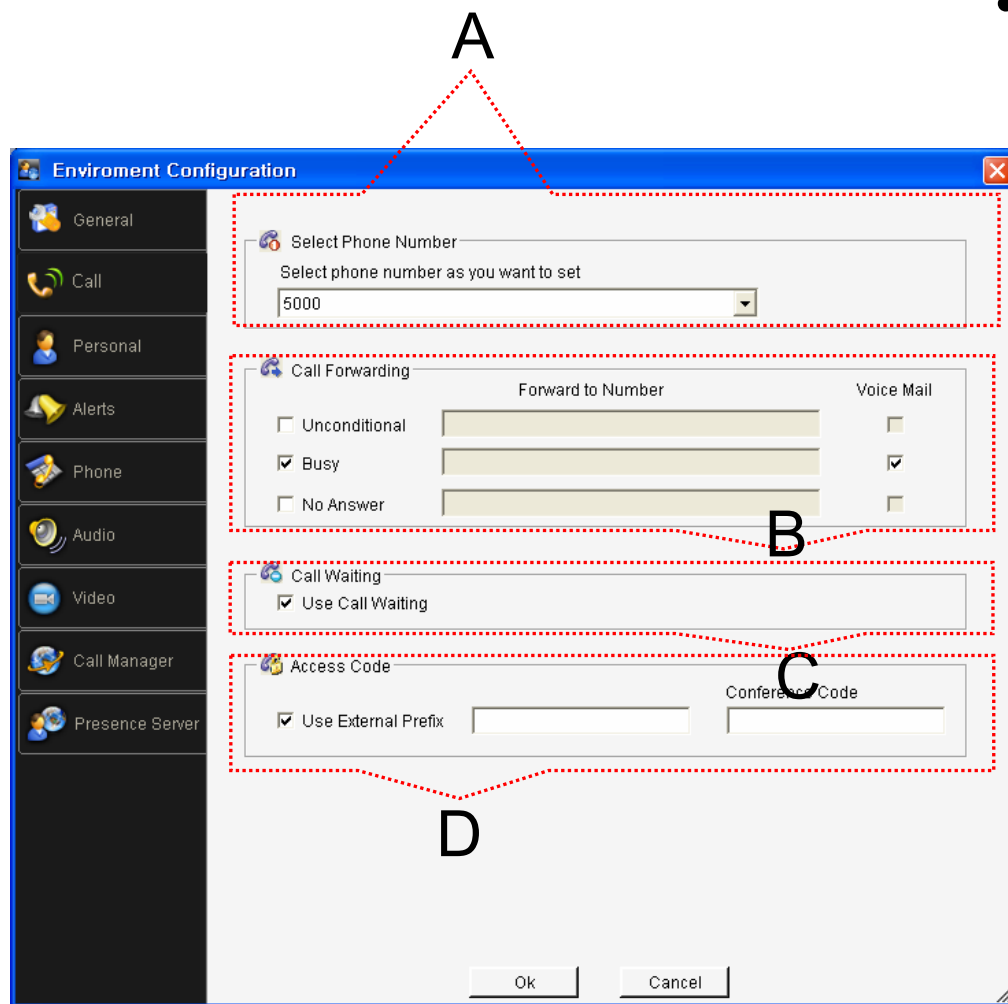
- “B” Part

- Messenger View Mode setting

- “C” Part

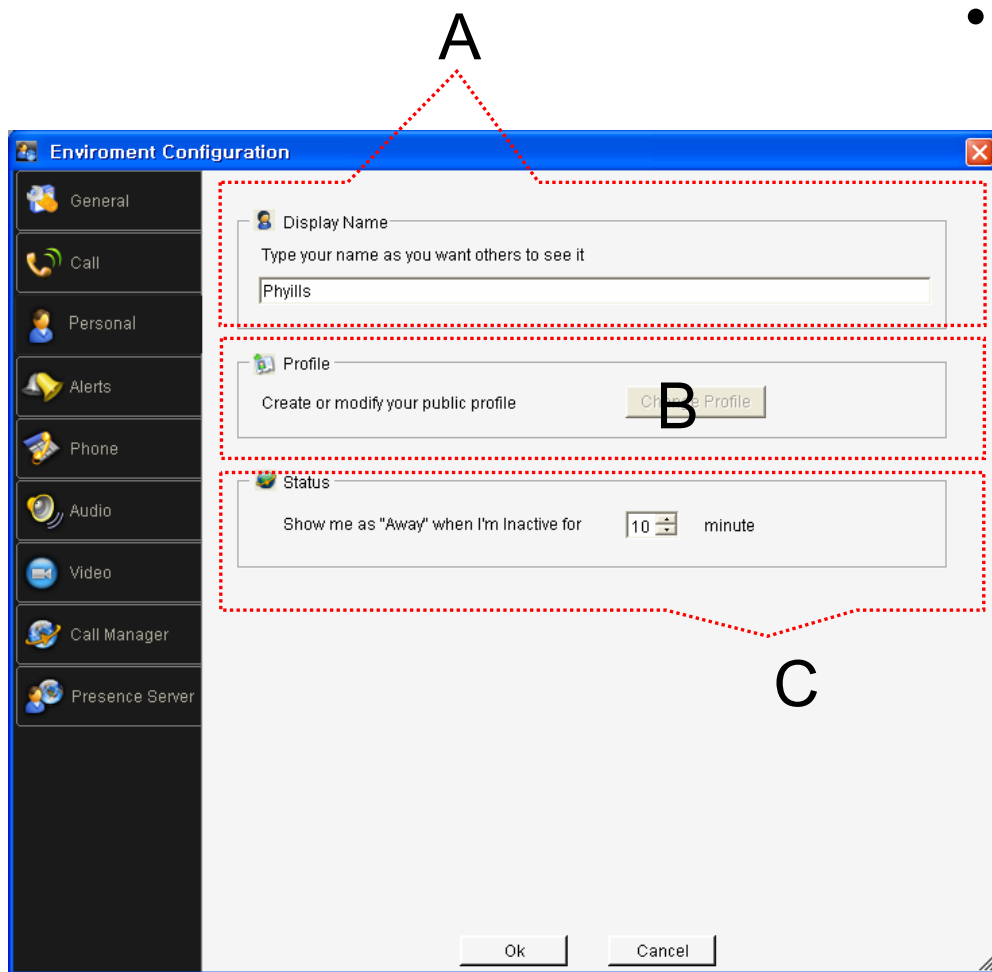
- Messenger Window Transparency setting

# Smart Communicator Configuration Feature



- Phone Setting
  - “A” Part
    - Address Select
  - “B” Part
    - Setting Call Forward of Selected Address
  - “C” Part
    - Setting Call Waiting of Selected Address
  - “D” Part
    - PSTN Prefix Number Setting
    - Add-Hoc Dial Out Conference Code Setting

# Smart Communicator Configuration Feature



- **Personal Setting**

- “A” Part

- User Display Name Setting

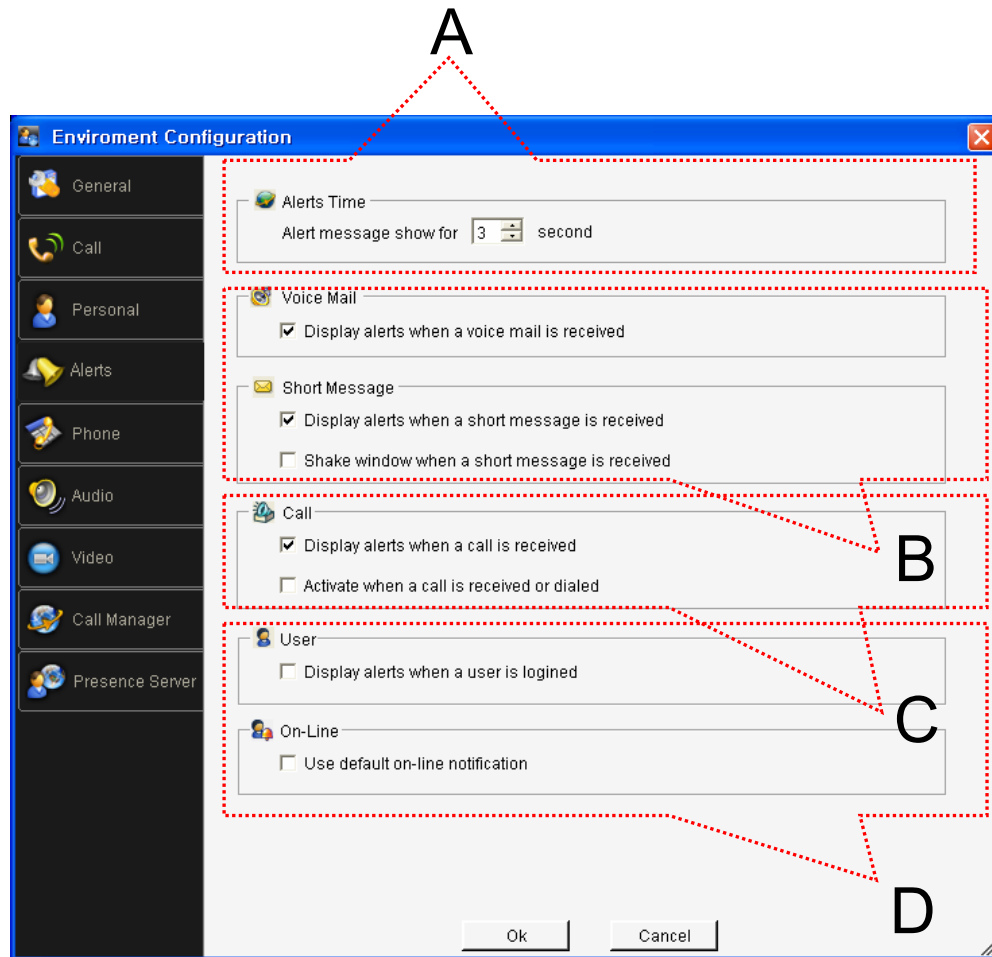
- “B” Part

- User Profile Setting

- “C” Part

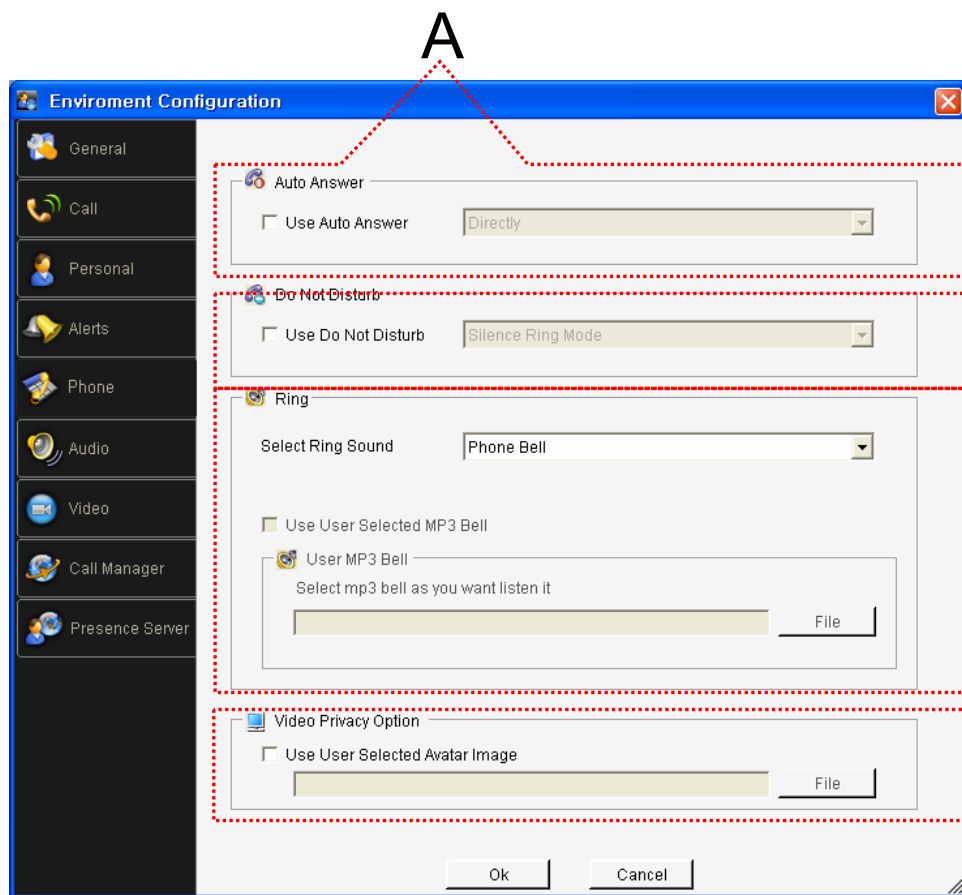
- Display me as “Away” When I’m inactive (mouse, keyboard inactive time) for “a specific” time.

# Smart Communicator Configuration Feature



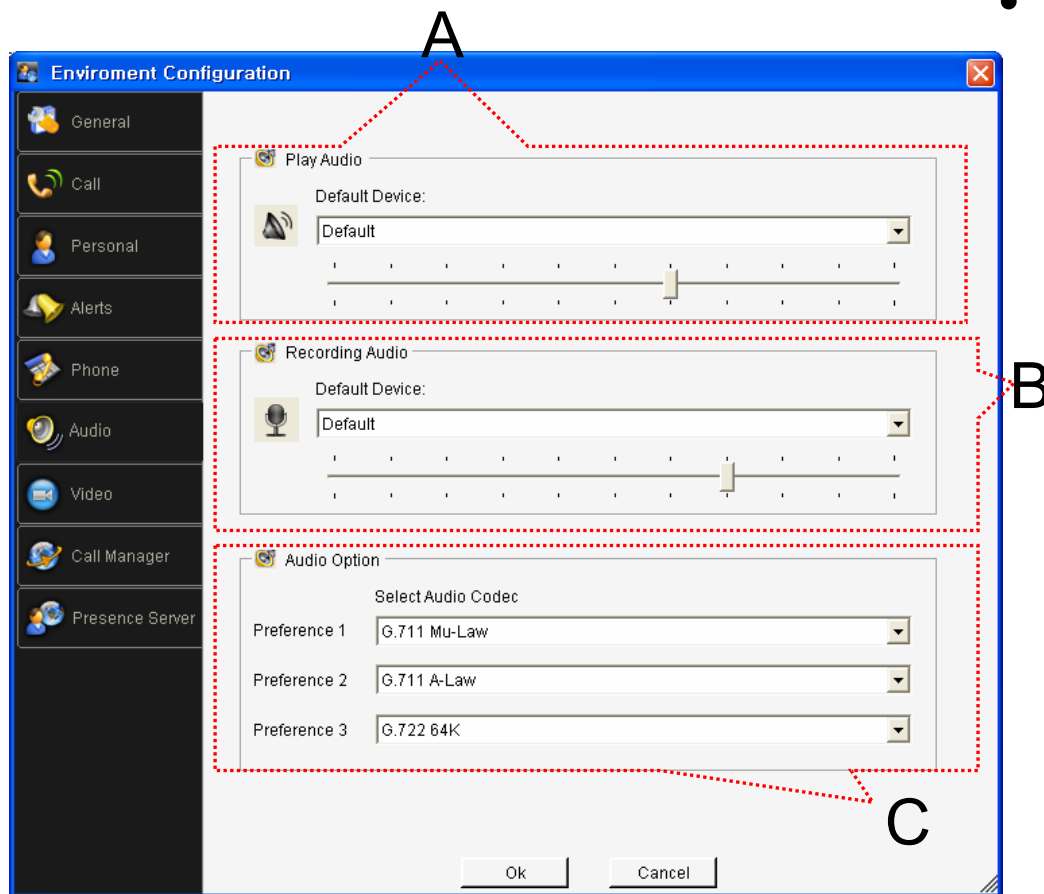
- Alerts Setting
  - “A” Part
    - Display Voice Mail alerts setting
  - “B” Part
    - Display Short Message alerts setting
    - Shake Messenger window setting
  - “C” Part
    - Display Call alerts setting
  - “D” Part
    - Display login User alerts setting

# Smart Communicator Configuration Feature



- Phone Setting
  - “A” Part
    - Auto Call Answer setting
  - “B” Part
    - Do Not Disturb setting
  - “C” Part
    - Ring Bell setting
  - “D” Part
    - Video Privacy Option

# Smart Communicator Configuration Feature



- Audio Setting
  - “A” Part
    - Output Audio Device setting
  - “B” Part
    - Input Audio Device setting
  - “C” Part
    - Voice Codec preference setting

# Smart Communicator Configuration Feature

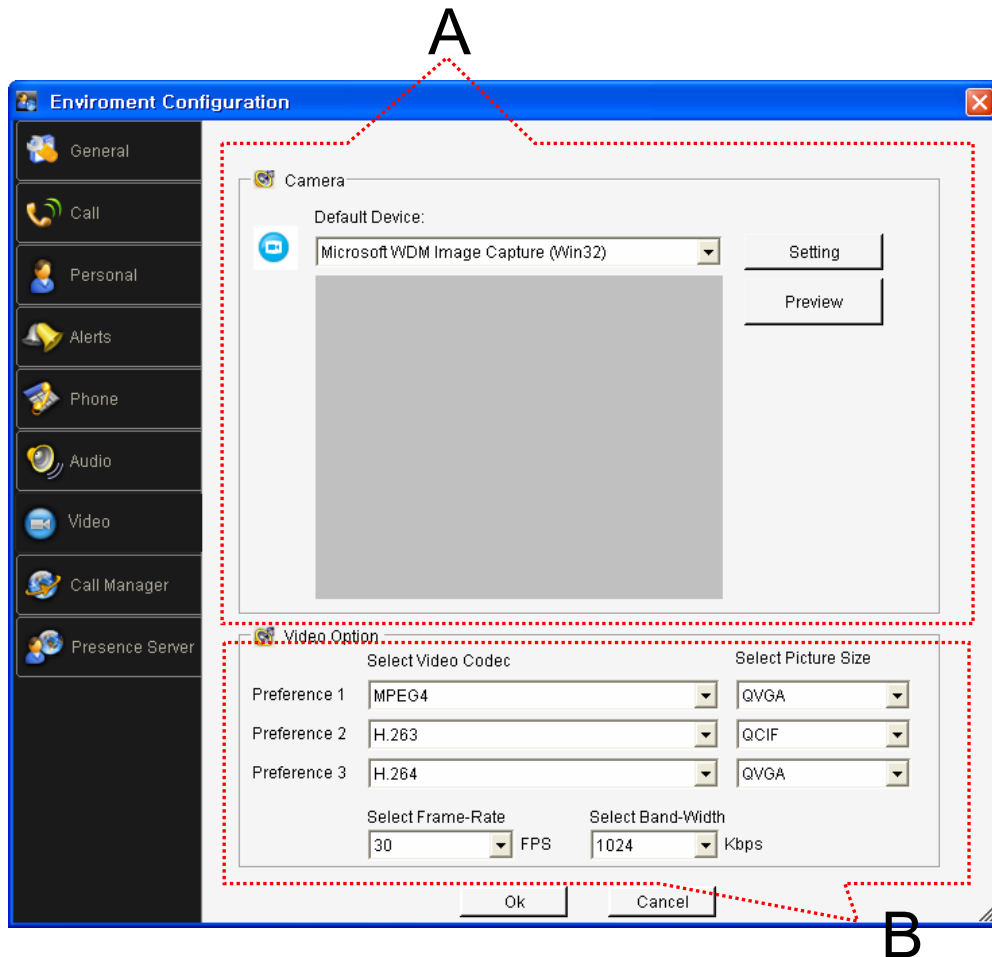
- Video Setting

- “A” Part

- Camera Device setting
- View Preview using selected camera

- “B” Part

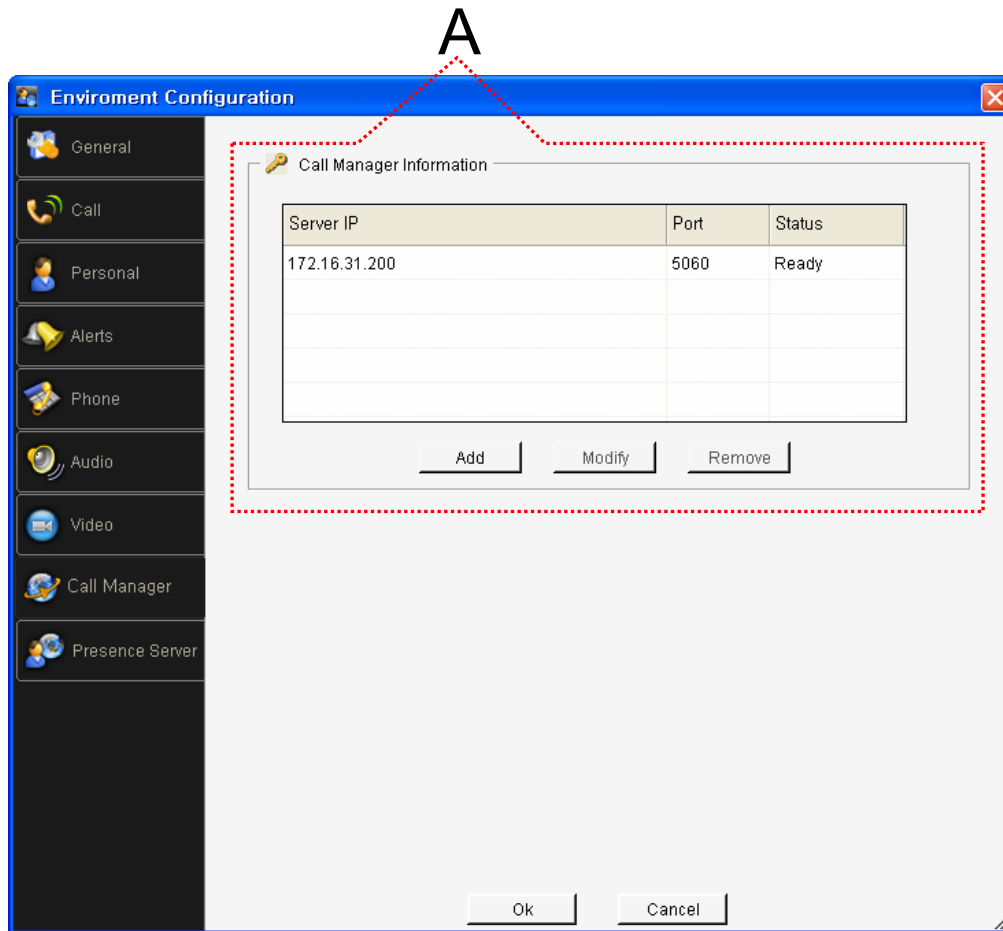
- Video Codec preference setting
- Frame-Rate, Band-Width setting





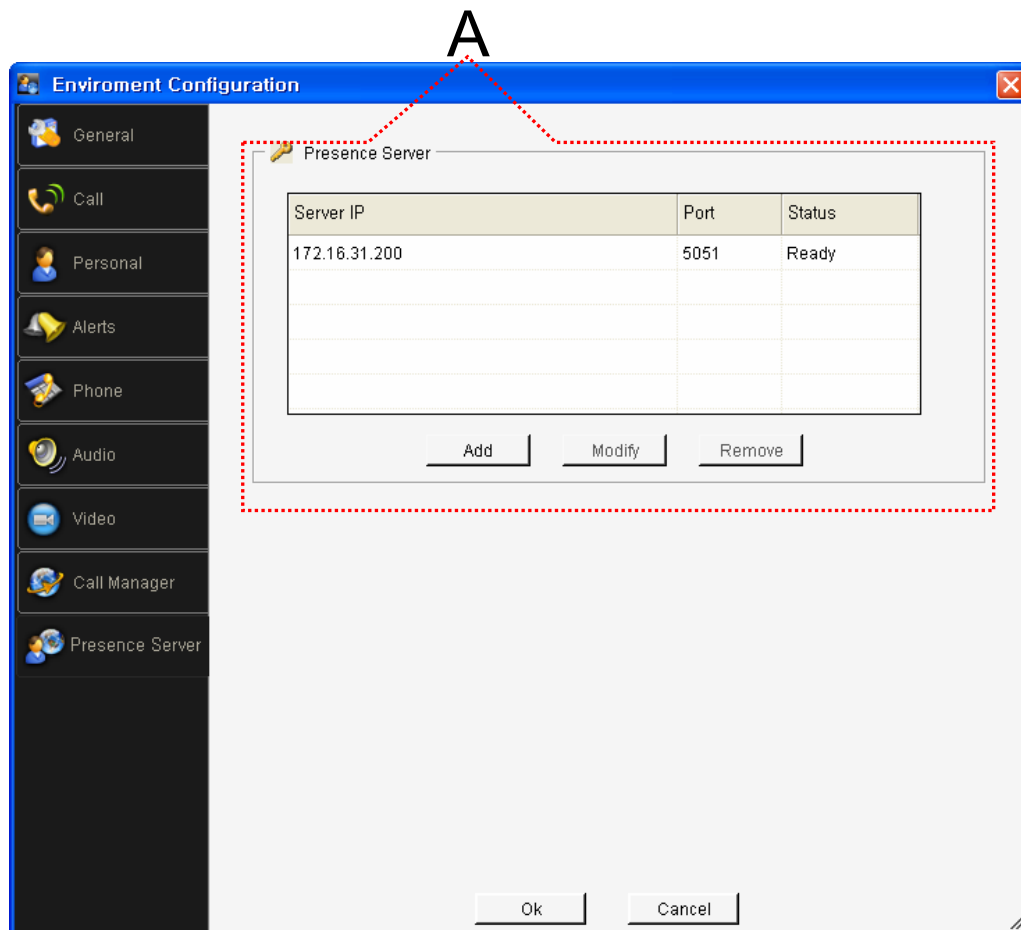
# Smart Communicator Configuration Feature

- Call Manager Setting
  - “A” Part
    - Call Manger information setting



# Smart Communicator Configuration Feature

- Presence Server Setting
  - “A” Part
    - Presence Server information setting





# 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](mailto:sales@addpac.com)