



Mobility Developments in Unified Comms

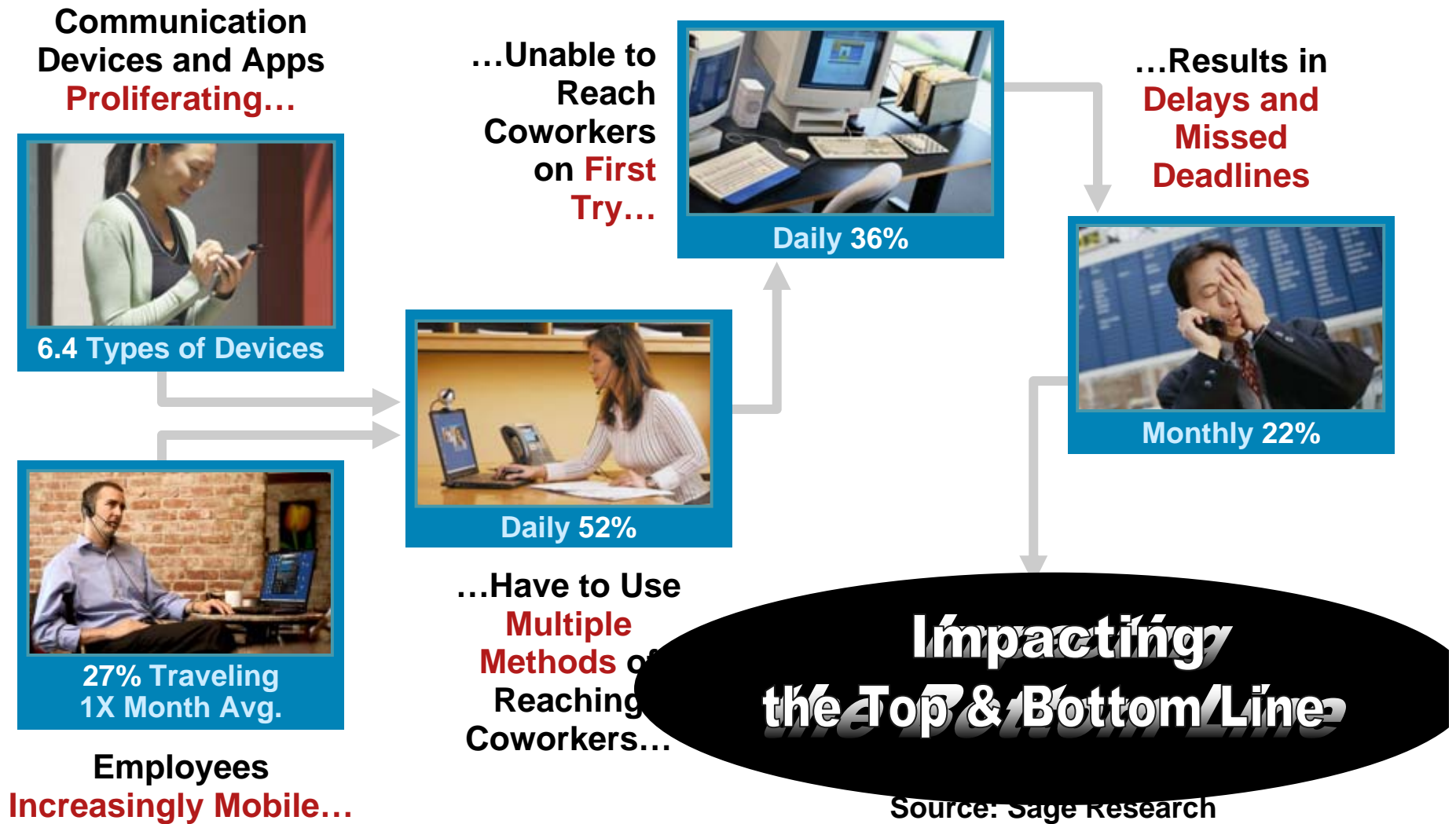


Jan-Willem Ruys

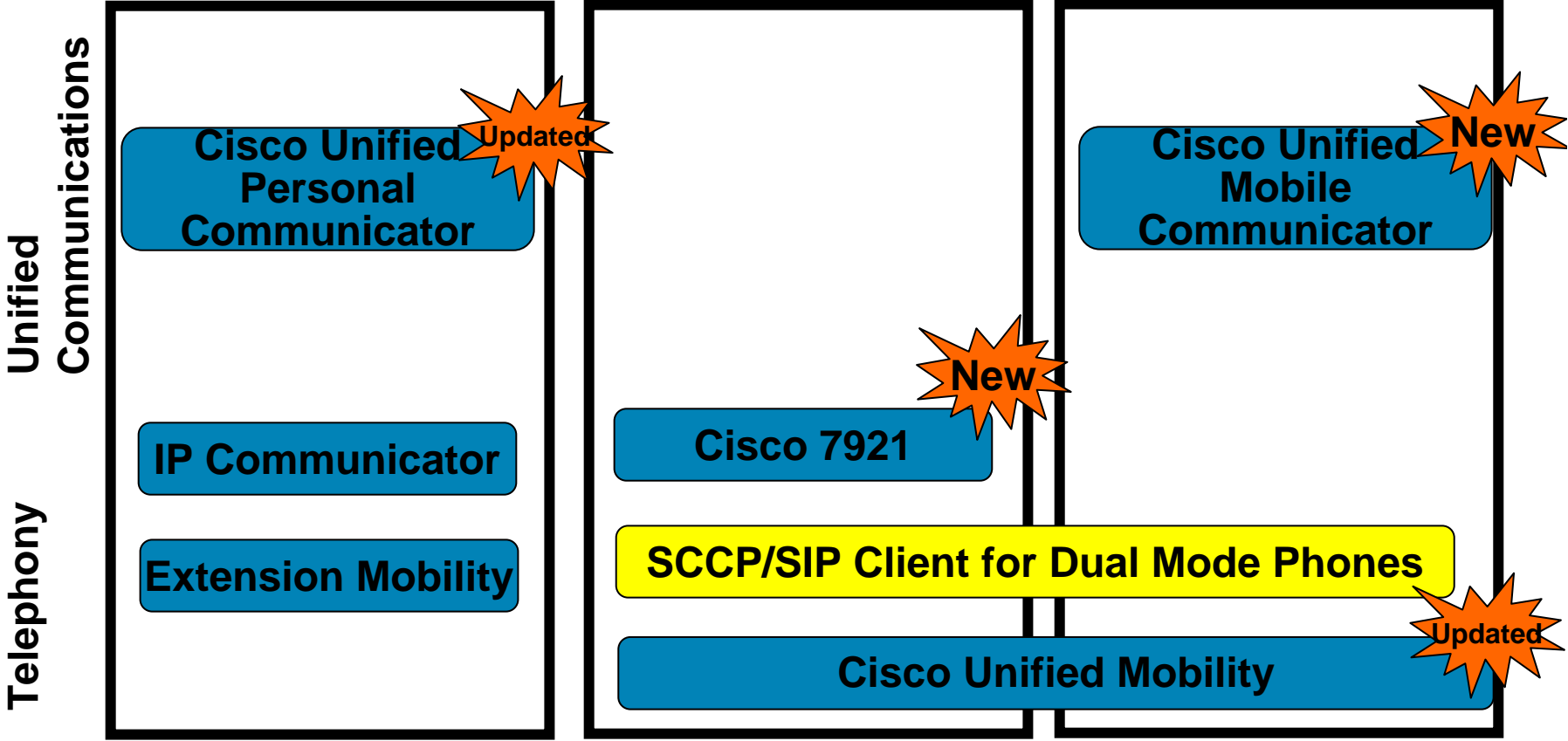
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Consulting Engineer, CCIE1207

Innovation Has Created Complexity



Cisco Solutions mobilize Unified Communications



Portability

Campus Mobility
802.11 a/b/g

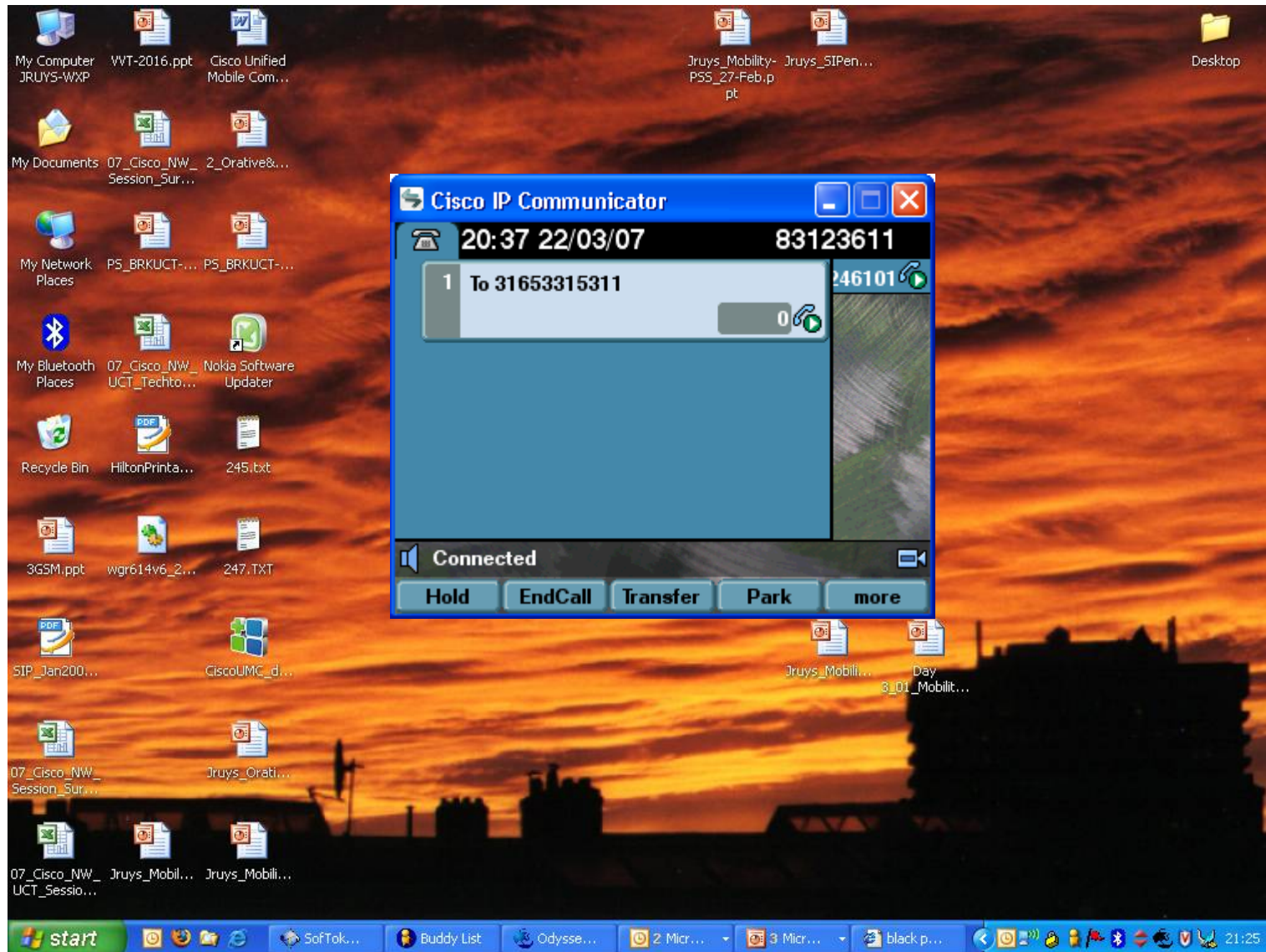
Wide-Area Mobility
GSM/CDMA +
GPRS/Edge/EVDO

Cisco
Partner

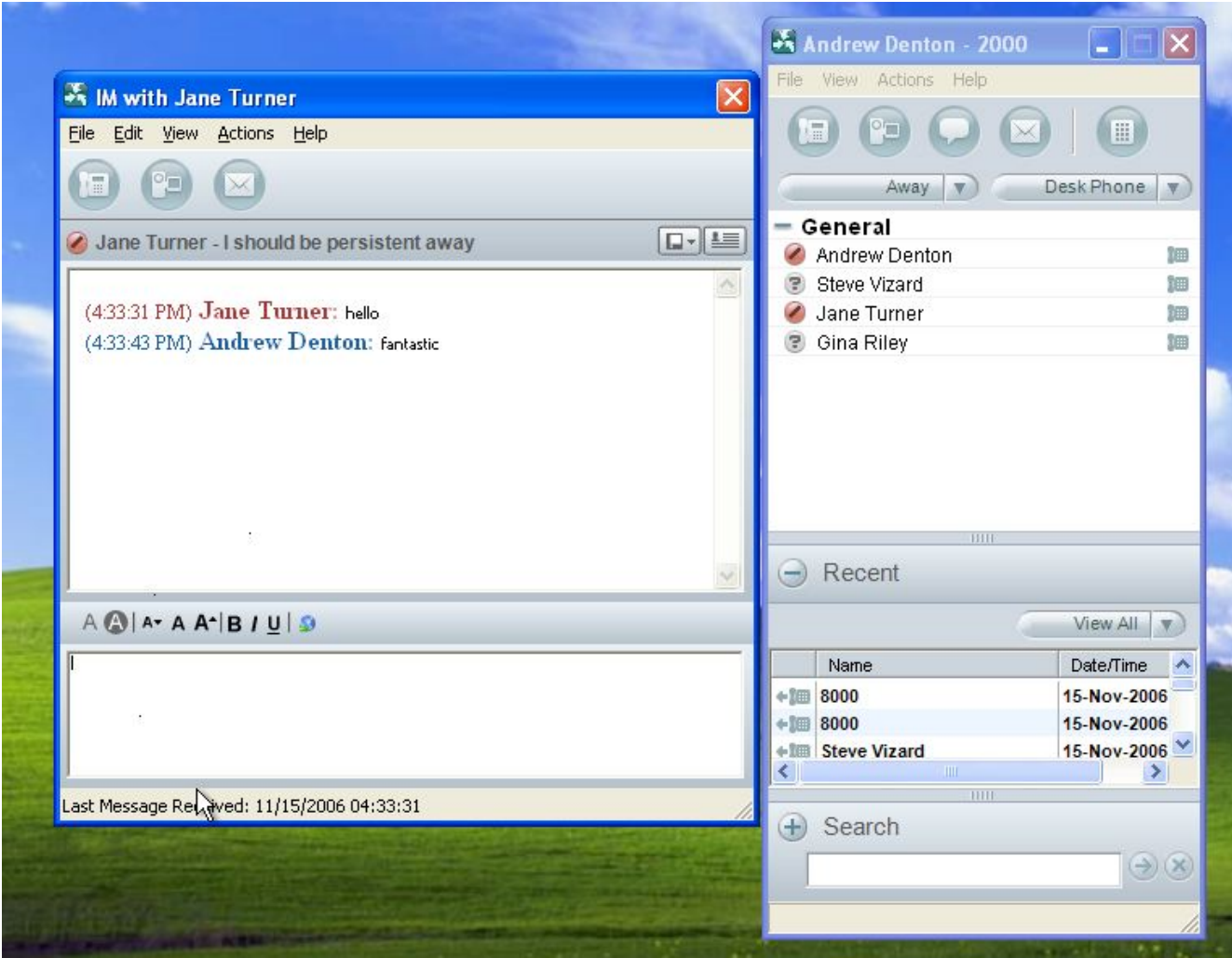
IP Mobility



IP Communicator



Personal Communicator



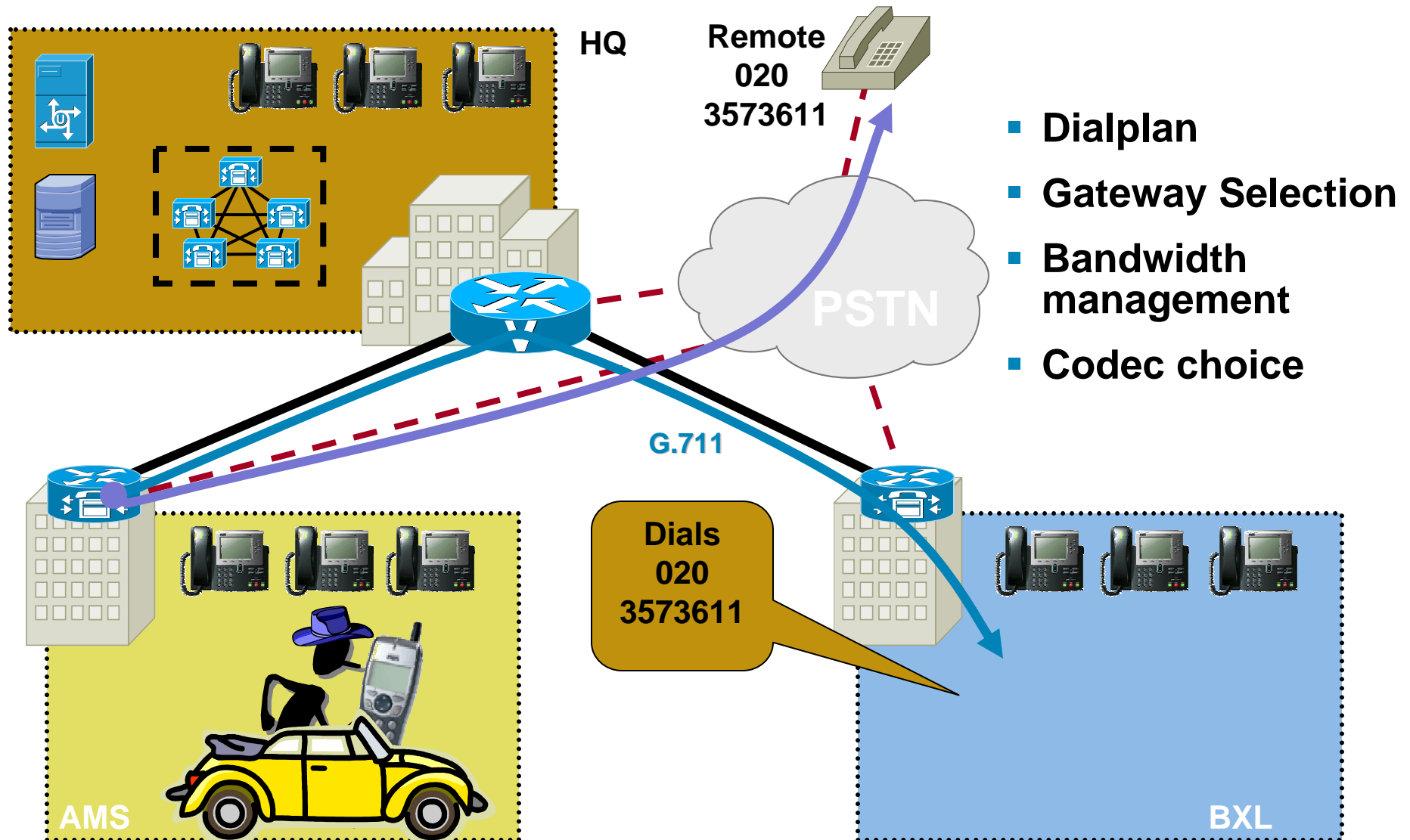
7921: Dual-band 802.11a/b/g Radios



Desktop Charger with Speakerphone



Device Mobility



Dual Mode GSM (Nokia SCCP)

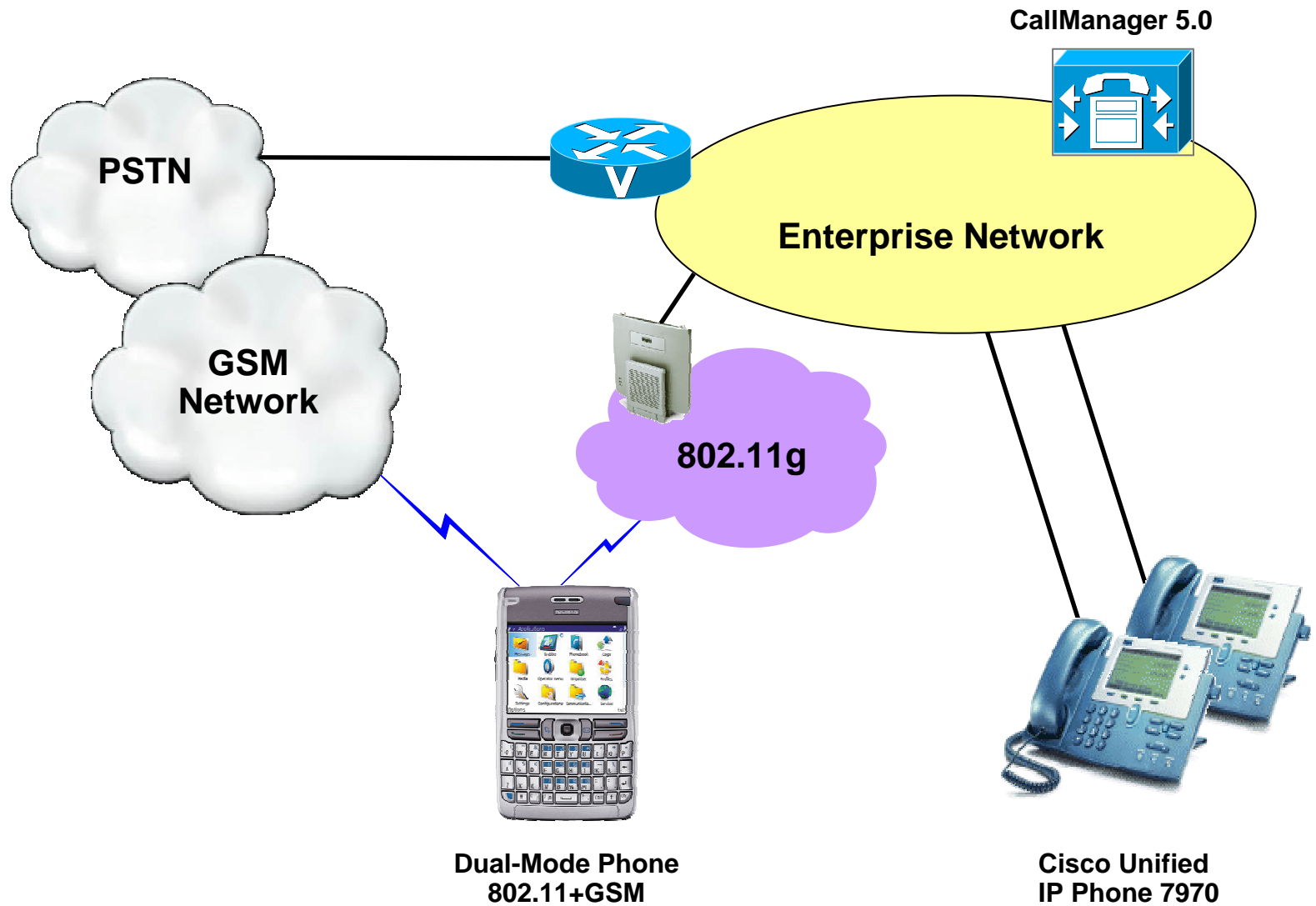


Disclaimer

The product “Intellisync Call Connect for Cisco” (aka “Skinny client”) discussed here is developed and owned by Nokia.

Information presented here is for reference only.

Dual-Mode Phones



Platform support



E65

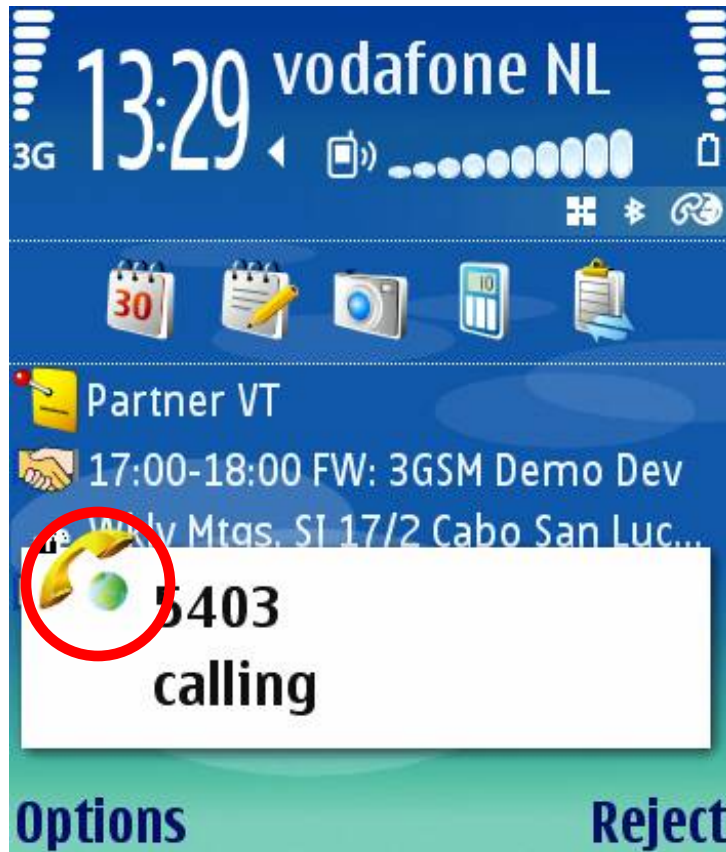


E61

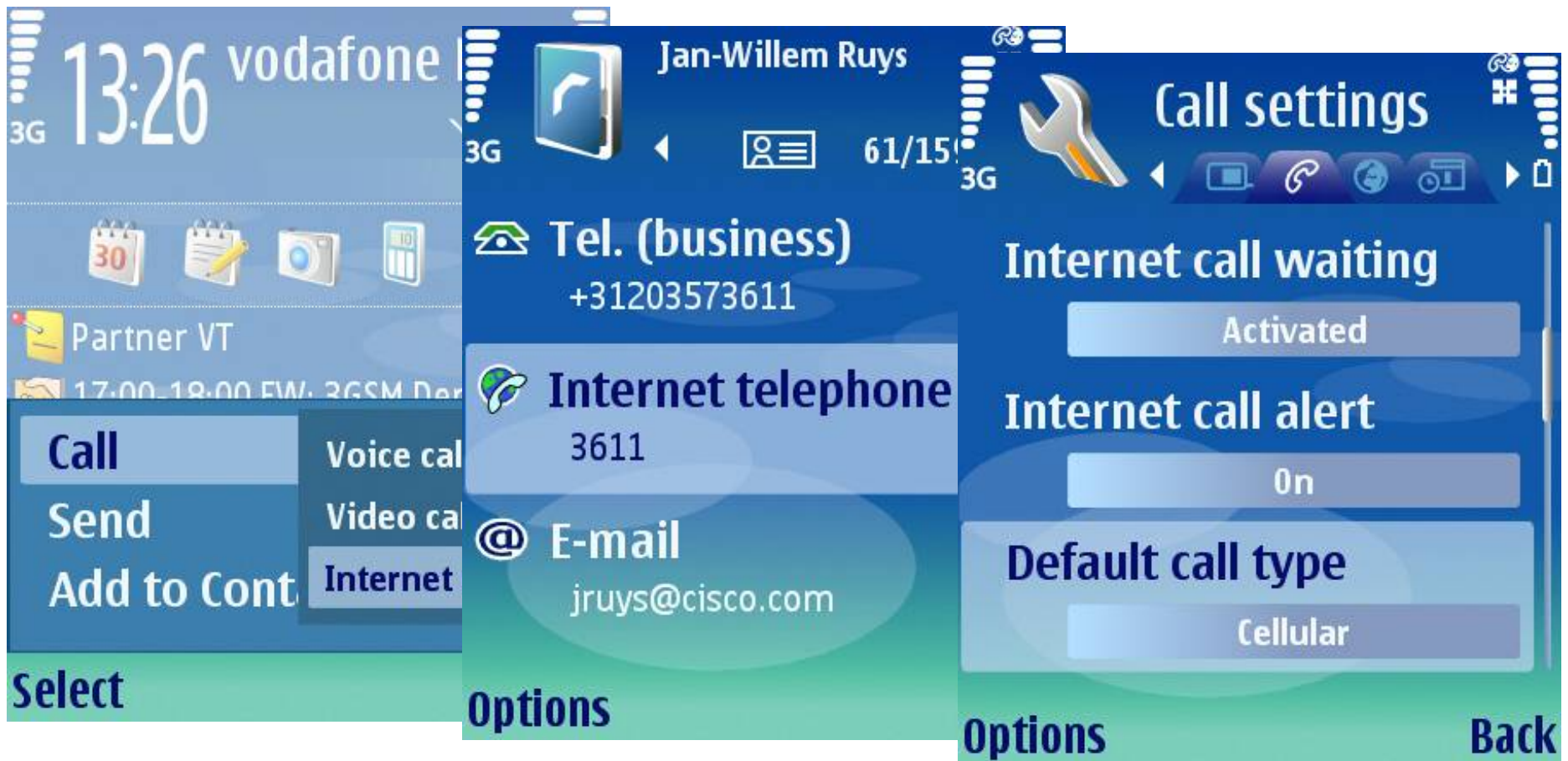


E61i

“Internet” vs “Cellular” Incoming Call



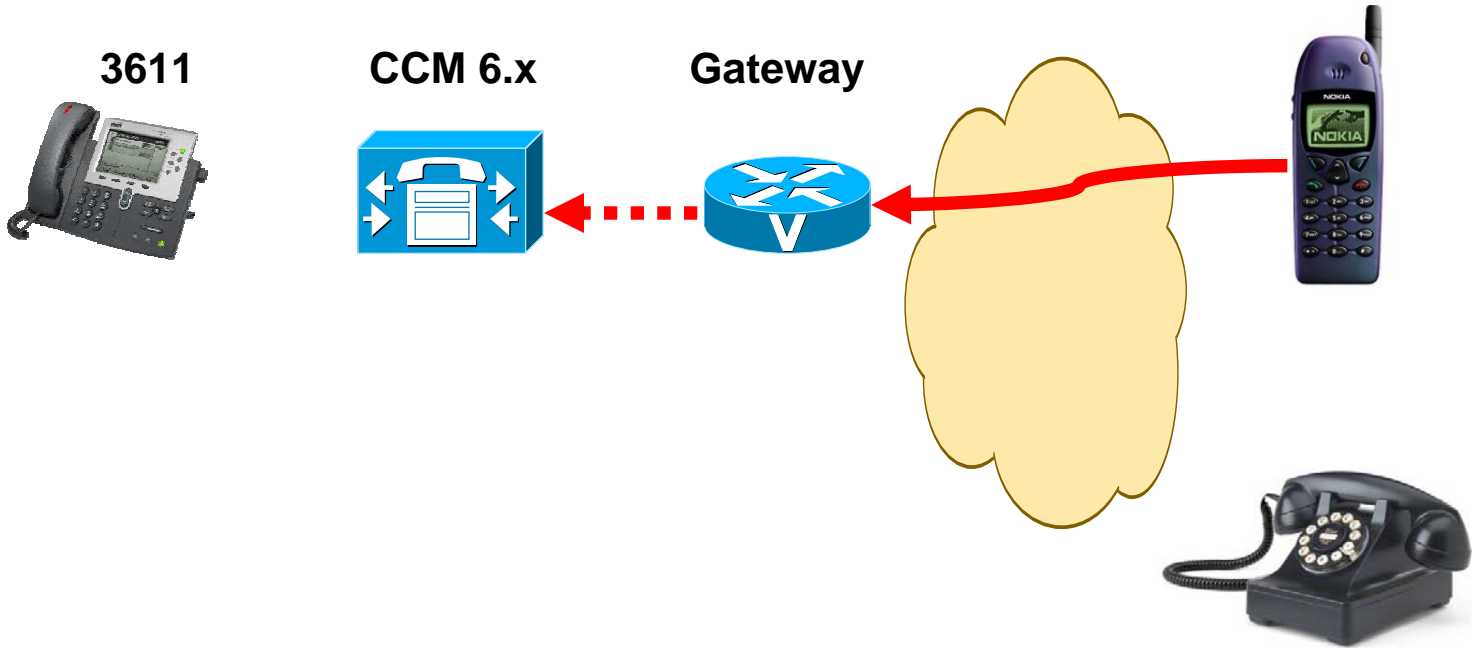
Making an IP or GSM call



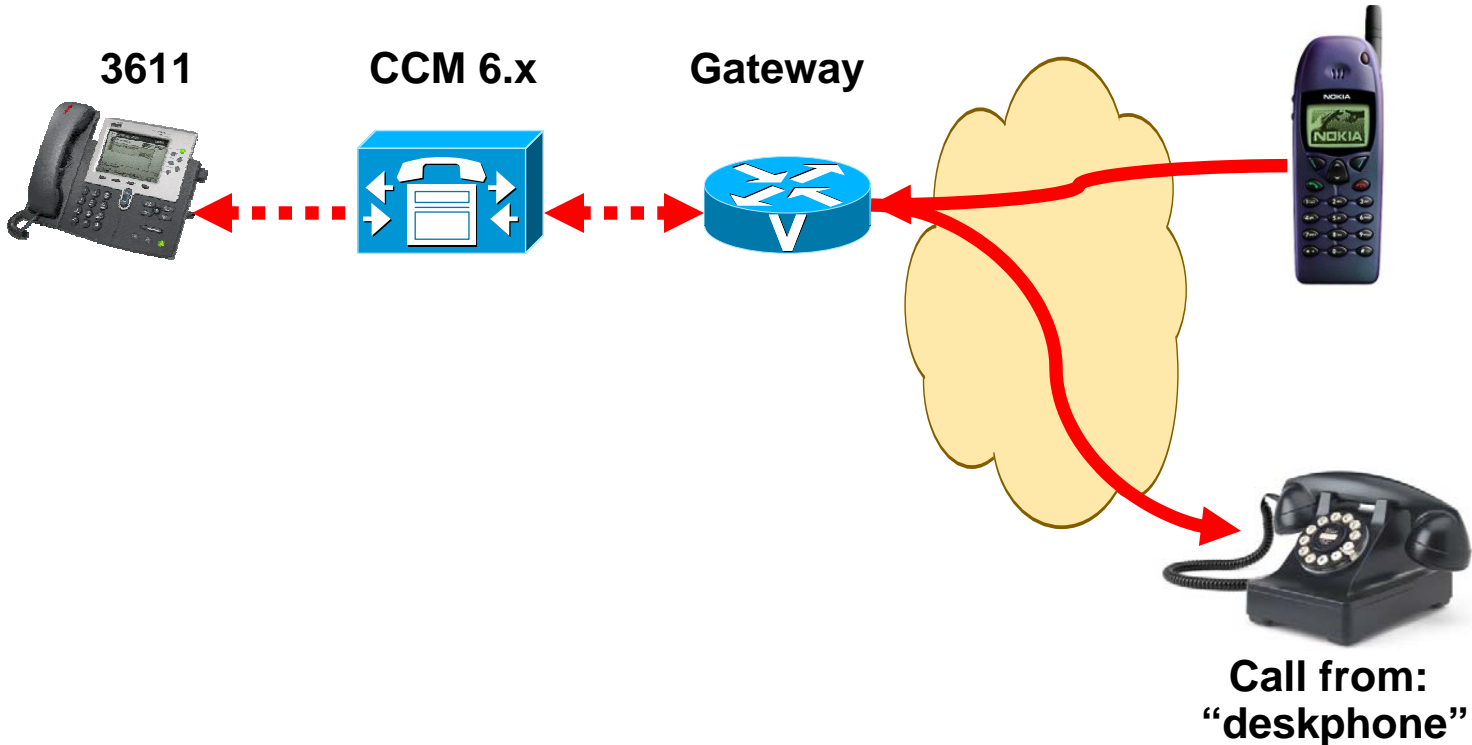
MobileConnect



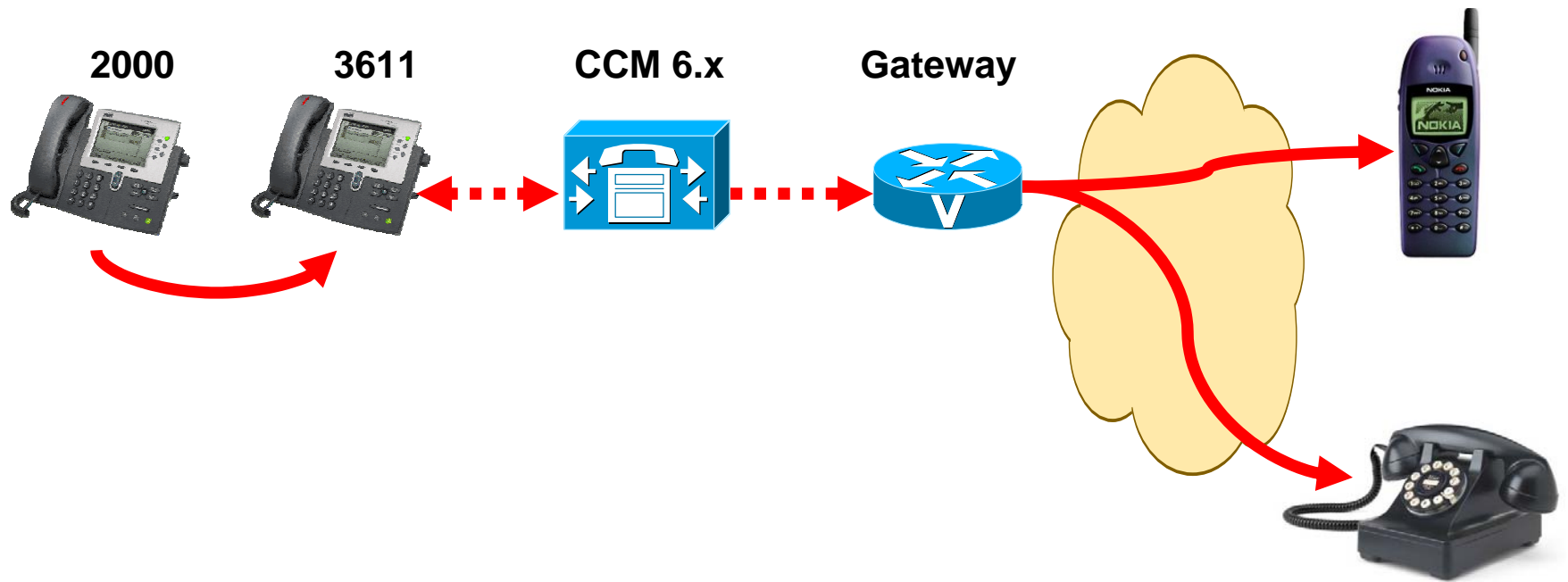
Mobile voice access



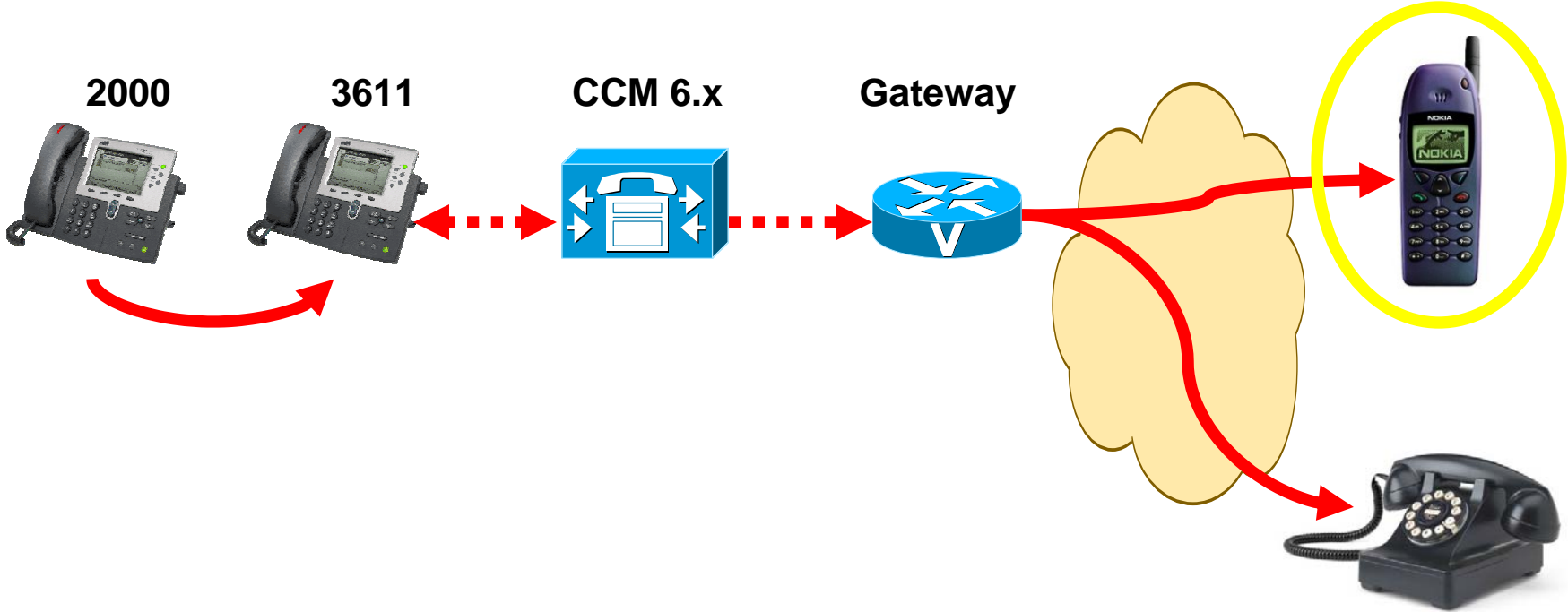
Mobile voice access



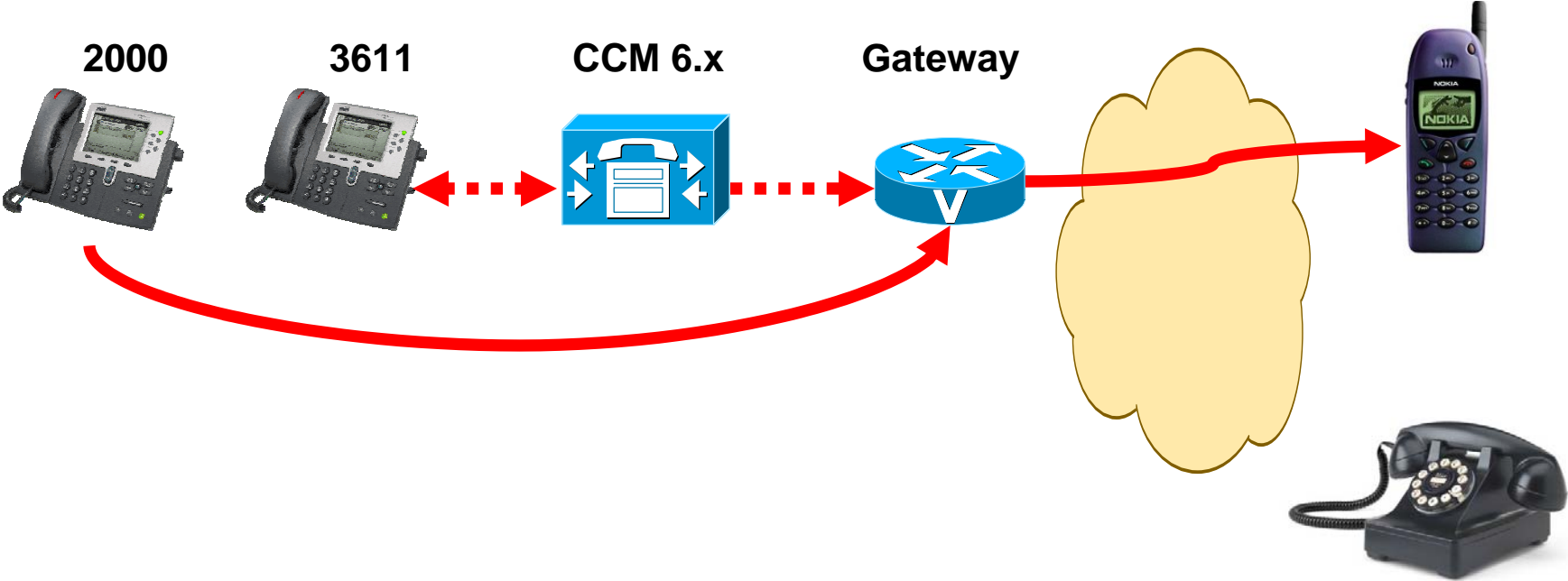
Incoming call



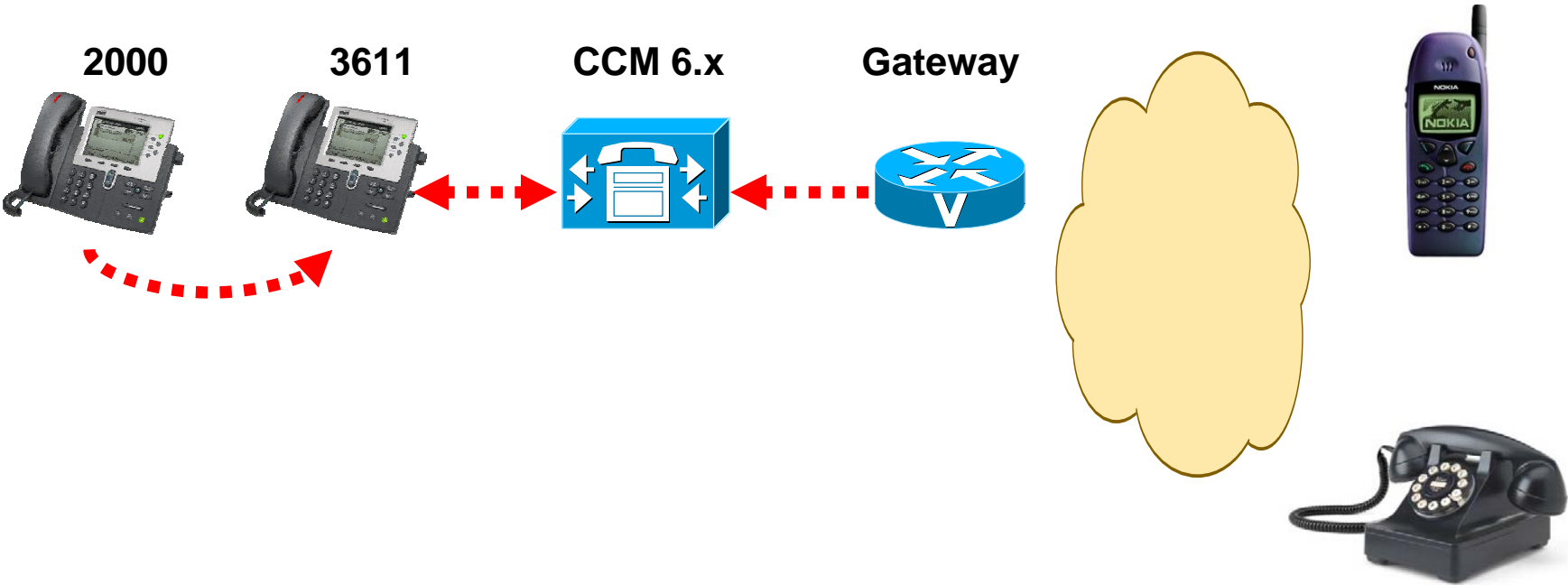
Remote phone answers



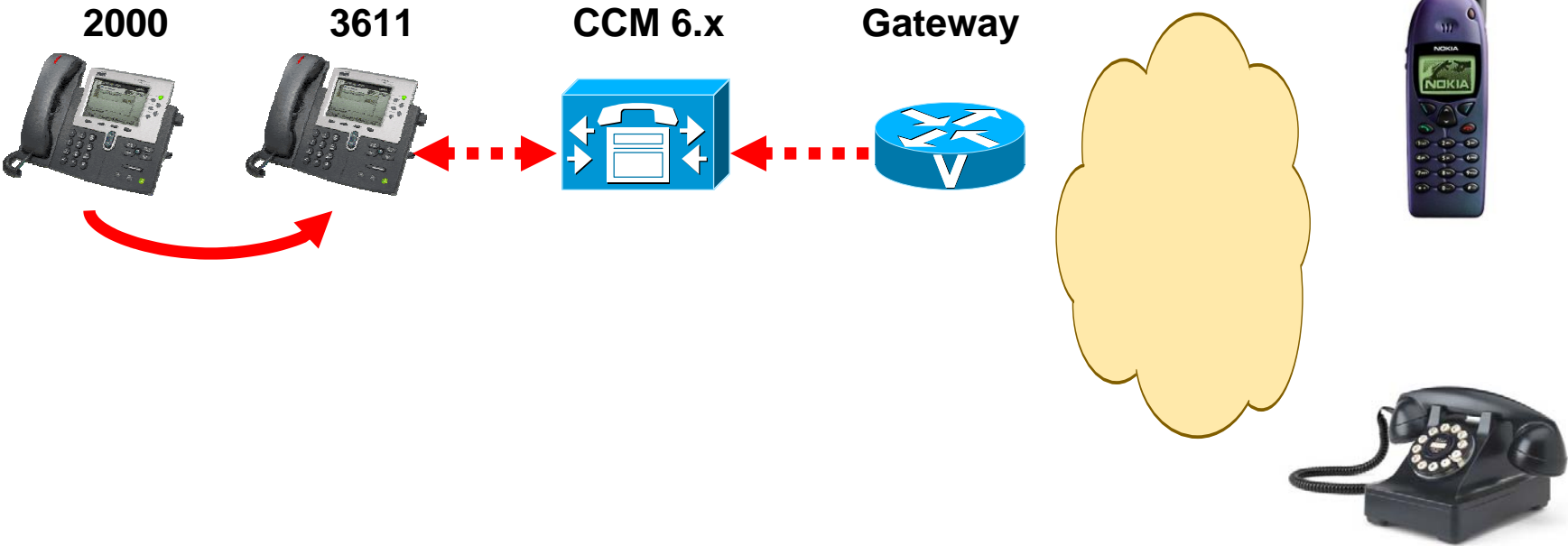
Connect call to remote



Remote disconnects



Pickup on deskphone



Mobility support in CCM 6.0

The screenshot displays the Cisco Unified CallManager Administration web interface in Microsoft Internet Explorer. The browser address bar shows the URL: `https://10.1.1.6:8443/ccmadmin/userEdit.do?key=534bbf83-2790-9c56-74c7-dce9e982cccb`. The page title is "End User Configuration - Microsoft Internet Explorer".

The main content area is titled "End User Configuration" and includes a navigation menu with options like System, Call Routing, Media Resources, Voice Mail, Device, Application, User Management, Bulk Administration, and Help. Below the navigation menu, there are buttons for Save, Delete, and Add New.

The "End User Configuration" section is expanded, showing the following fields:

- Primary Extension: 600
- Mobility Information** (highlighted with a red box):
 - Enable Mobility
 - Enable Mobile Voice Access
- Maximum Wait Time for Desk Pickup*: 10000
- Remote Destination Limit*: 4
- Remote Destination Templates: RDP_Jruys
- Access Lists: (Empty)

Below the "Mobility Information" section, there is a "CAPF Information" section with "Associated CAPF Profiles" and a "Permissions Information" section with "Groups" set to "Standard CCM End Users".

Remote Destination Configuration

Remote Destination Configuration - Microsoft Internet Explorer

Address: https://10.1.1.6:8443/ccmuser/remoteDestinationUserEdit.do?key=71565852-e294-6

Cisco Unified CallManager User Options
For Cisco Unified Communications Solutions

User Options ▾

Remote Destination Configuration

Status
Status: Ready

Association Information

Line	Line Association
Line [1] - 600 null	<input checked="" type="checkbox"/>

Remote Destination Information

Name* RD_Jruys

Destination Number* 00653315311

Answer Too Soon Timer* 1500

Answer Too Late Timer* 19000

Delay Before Ringing Timer* 0

Allowed Access List < None >

Blocked Access List < None >

Mobile Phone

Enable Mobile Connect

Smart Client Installed

*- indicates required item.

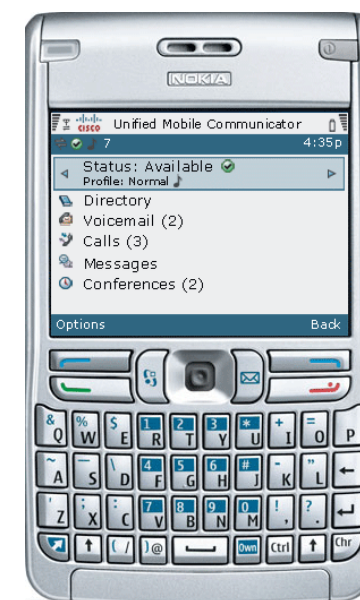
Done Internet

Unified Mobile Communicator

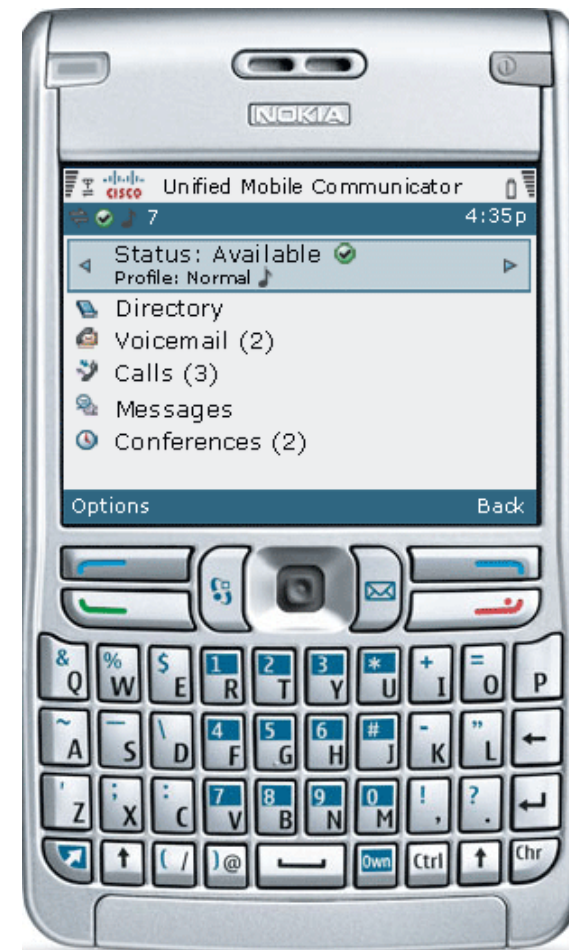
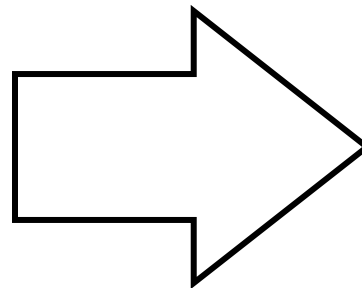
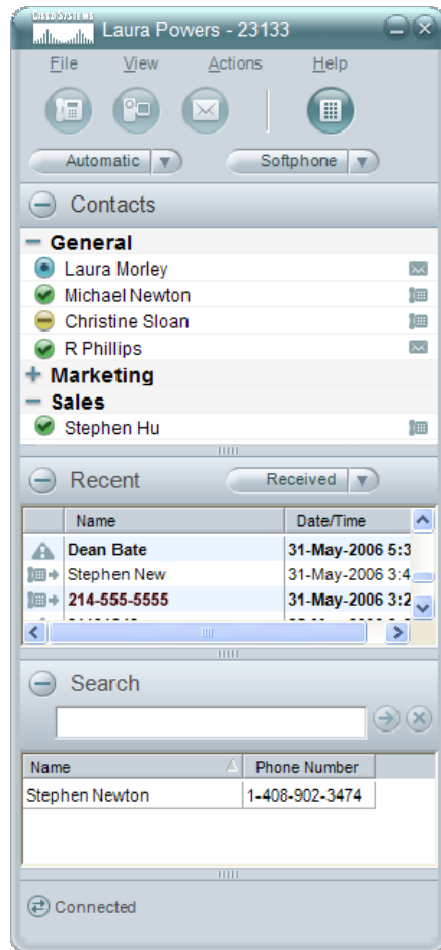


Introducing..... Cisco Unified Mobile Communicator

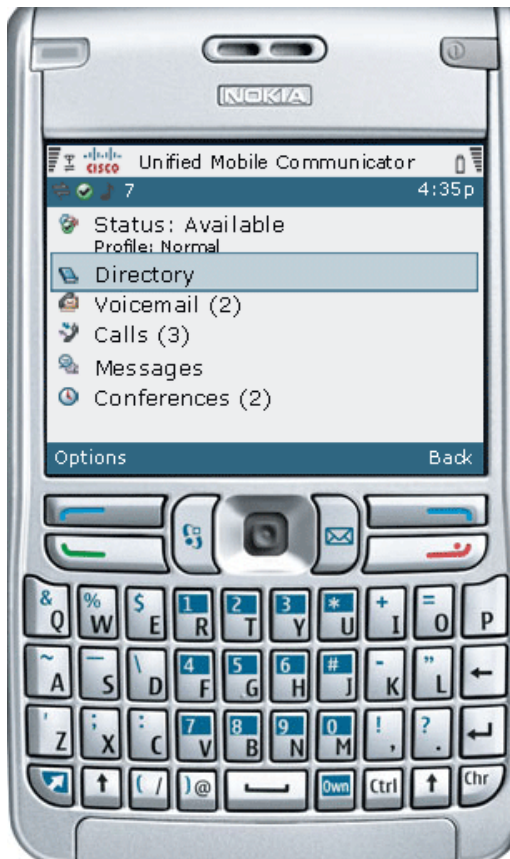
- Works across variety of popular handsets
 - Preserves user flexibility & choice
 - Operator independent, only needs a data subscription
- Integrated
 - Augments native phone apps & functionality
- Intuitive, menu-driven User Interface
 - Dashboard approach to managing calls & messages
 - Provides consistent approach across different handsets
- Secure
 - Securely download user contacts
 - Authentication & encryption protects corporate resources
 - Remote disablement in case handset is lost/stolen
- Over-the-air client provisioning
 - No data cables required



Application Vision



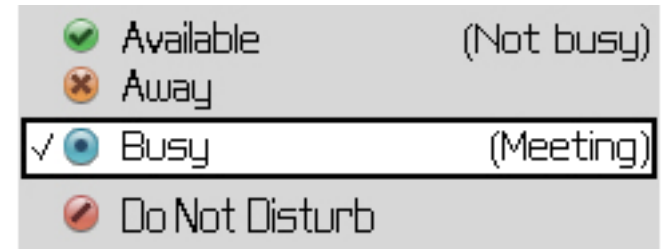
Intuitive, Presence-based Dashboard



One-click availability management

Automated profile changes through link to personal calendar

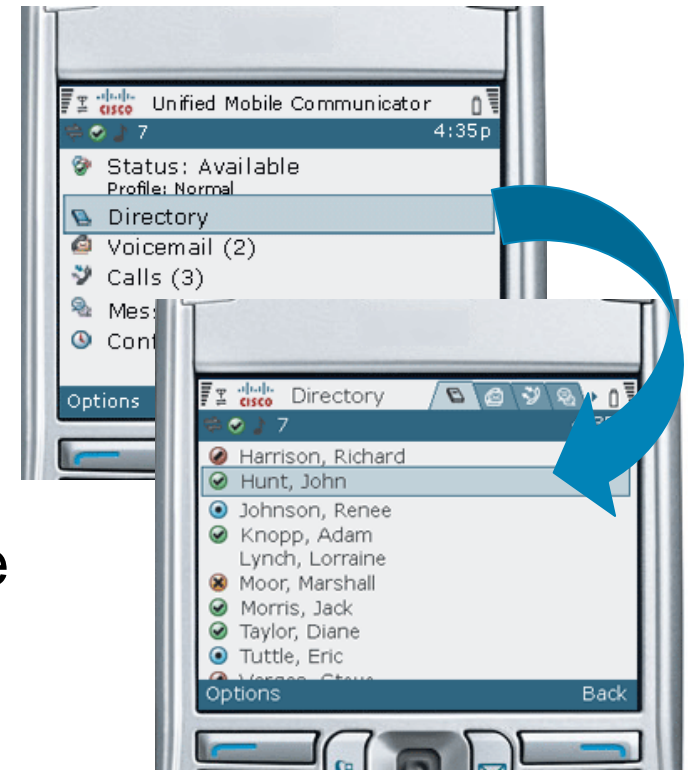
Presence status for contacts shown in directory



Mobile Directory with Presence



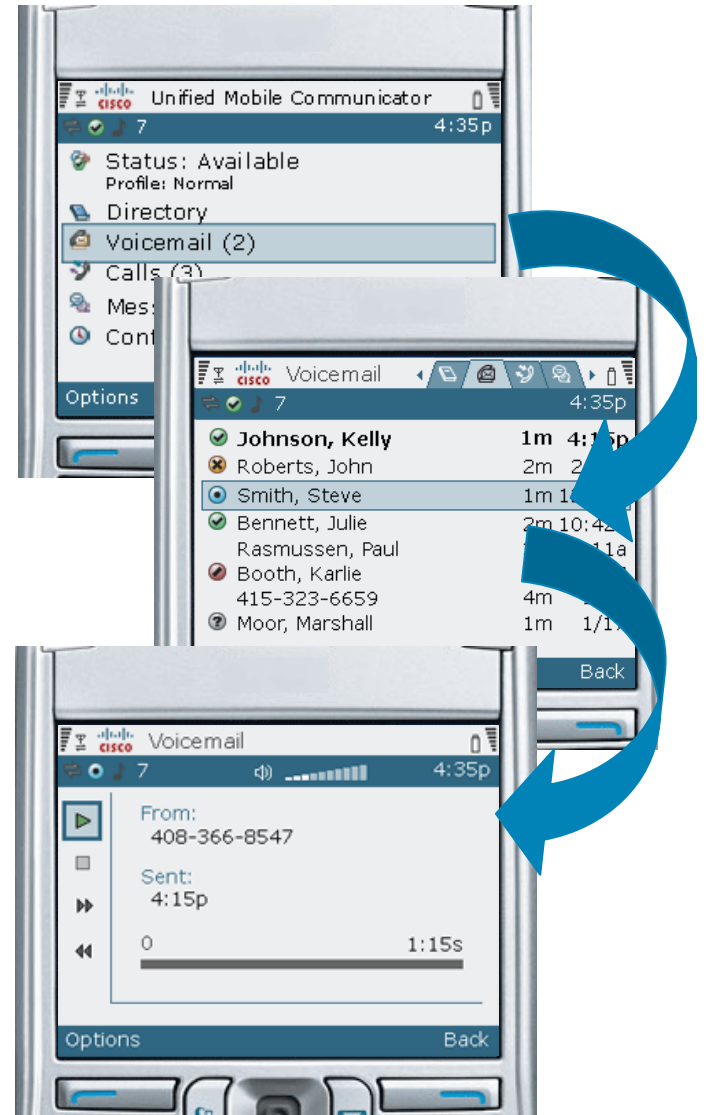
- Access corporate and personal directory
- Remote search
- Integrated presence



Extend Unity Voicemail to Mobile



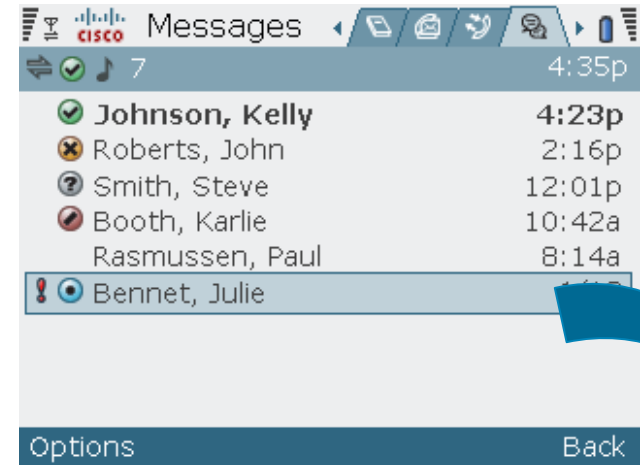
- Visual voicemail
- Name resolution
- Presence status
- Playback in any order
- Action synchronized with Unity
- Uses Data channel



Secure Text Messaging



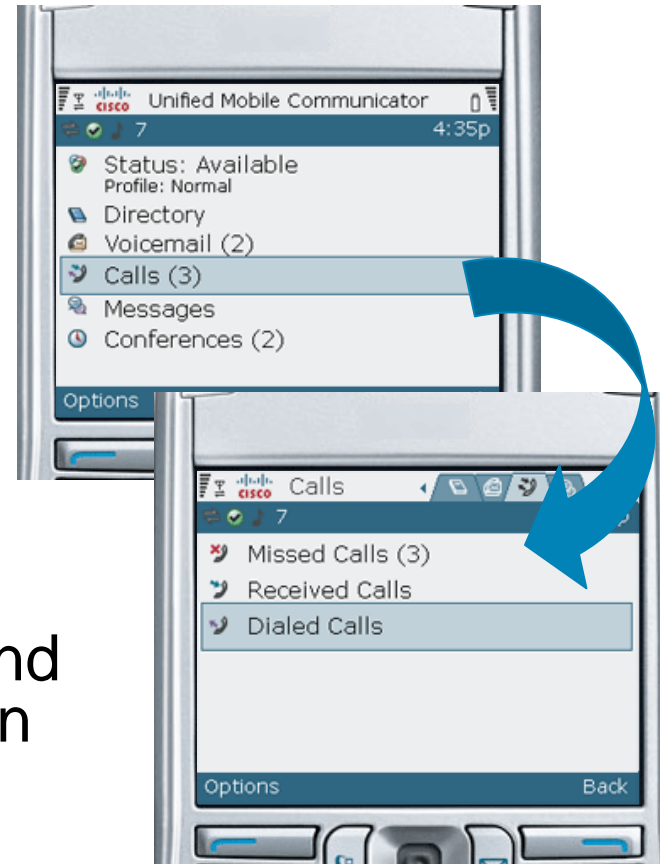
- Secure and Guaranteed (unlike SMS)
- Foundation for IM through CUPS
- Uses Data Channel



Review Call Logs



- Shows combined call history for mobile and office phones
- Name resolution and Presence Indication
- “Select to dial” offers easy way to return important calls



Demo

Cisco Unified Comms Mobility Solution

