

## Smart Mobile Client

Integrating enterprise communications with your smartphone

### *At a Glance*

- Single-number reachability
- PBX features such as hold and transfer
- Access to central directory
- Buddy list for business contacts, including presence
- Access to central voicemail
- Conference call
- Calling through the enterprise telephony network
- Dual mode (GSM/WiFi) with seamless handoff

NEC's Smart Mobile Client combines Unified Communications and mobility to take business productivity to a new level. It offers a sophisticated application that integrates with various smartphone platforms, making it a true extension of the enterprise telephony infrastructure.

The Smart Mobile Client offers the following powerful features:

- Single-number reachability and single-number identity via the enterprise number
- A single mobile handset that works as effectively offsite as in the office
- Various cost saving call scenarios including calling via the WiFi network and using least cost routing through the PBX system
- The comfort of the intuitive way of using the handset platform such as on BlackBerry, Nokia and iPhone
- Ability to use PBX functionality such as hold, transfer and specific routing to other devices
- Access to Unified Communications functionality such as central directory, presence of colleagues, conference, instant messaging and voicemail

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Smart Mobile Client features an enterprise-hosted Mobility Gateway and offers two user-side deployment options:

- Mobile Client for a variety of smartphone platforms, providing the comfort of an integrated client, supporting the intuitive way of using the handset platform
- Web Client that can be used on any browser-equipped smartphone or from the PC

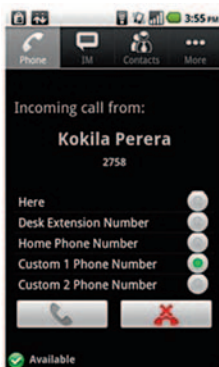
### Smart Mobile Client examples

The following screenshots provide examples of the user interface (the GUI may be subject to change).

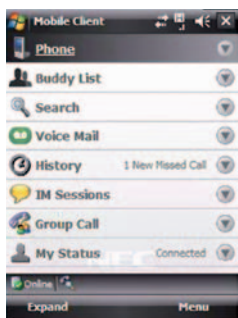
#### iPhone:



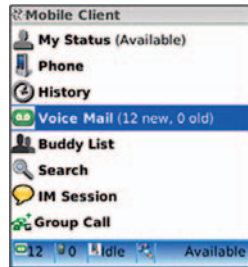
#### Android:



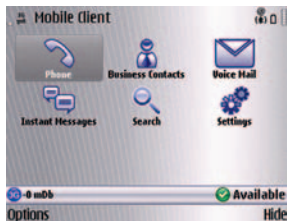
#### Windows Mobile:



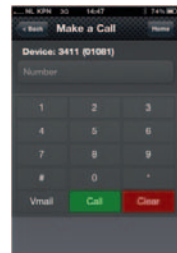
#### BlackBerry:



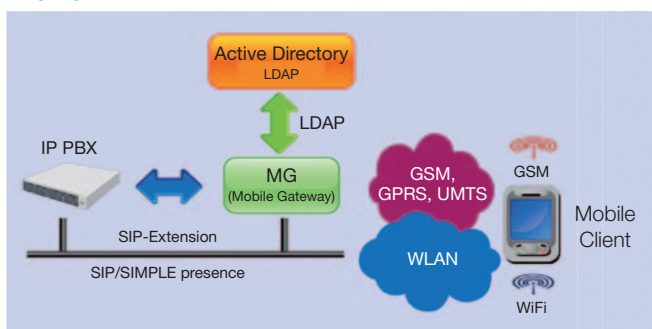
#### Nokia:



#### Web-client:



### Deployment:



### Smart Mobile Client solution components

The Smart Mobile Client solution comprises three components, being the Enterprise Mobility Gateway, Mobile Client on the smartphone and Web Client for any browser- equipped phone or PC.

#### Enterprise Mobility Gateway

The Mobility Gateway integrates with the IP PBX system and extends the internal extension, voicemail, directory and other applications to mobile devices. With the availability of voice-enabled WLAN, the gateway provides the dual-mode capability to provide roaming between the GSM and WiFi network with automatic handover for seamless switching between both networks during the call. The Gateway also facilitates a variety of call scenarios that include moving the call to a desk phone, direct call, 'call-me-first' and make or answer calls at another destination.

#### Mobile Client

The Mobile Client application on the mobile handset gives users access to enterprise telephony and Unified Communications features. These include corporate directory access, presence services, the possibility to set up a conference call, access to corporate voicemail and instant messaging. For Nokia devices, Mobile Client also offers Dual Mode, providing users with a seamless and unified user experience, regardless of the operating mode – GSM mode or WiFi mode. The application runs on a variety of mobile devices and platforms such as BlackBerry, Nokia, iPhone, Android and Windows Mobile.

#### Web Client

The Web Client can be accessed via the browser on the mobile handset or via a PC. It offers many features as offered by the Mobile Client, but without client deployment. The web client is also very useful for Mobile Client users, to set alternative routing schedules from any location offering web access.

### Smart Mobile Client deployment

The Smart Mobile Client solution connects to the NEC PBX systems through standard SIP connections and other open interfaces such as SIP/Simple, LDAP and XMPP.

The deployment can be both single and redundant with a primary active server as well as a standby server. Virtualization is also possible, based on e.g. VMware ESX server.

The Mobile Clients will be downloaded from the server through the air; required settings will be automatically provisioned for a smooth rollout to users.

## Smart Mobile Client features (based on R3.0)

Features		
<b>Call handling features</b>	Outgoing Direct call	Incoming call screening
	Outgoing Call me first	Incoming answer from alternative device
	Outgoing Call From	Incoming Auto Accept
	Outgoing Private Call on/off	Incoming Do Not Disturb
	CLIP and Name display	Incoming Direct call
	Dial/redial number	Call logging
<b>Midcall features</b>	Hold / Unhold	Mute and speaker call
	Attended Transfer	Conference call 3 party
	Blind transfer	
<b>Unified Communications</b>	Integration of Outlook address book	Access to central directory (LDAP)
	Buddy list (Business contacts)	Buddy list auto presence (on/off)
	Set own presence (set presence)	Central voicemail Indication
	Access to Voicemail	Instant Messaging (Chat)
<b>Set Presence</b>	Available	Away
	Extended Away	Busy
	Don't Disturb	Personalized presence message
<b>Mobility</b>	Single mode (GSM) on WM6, BlackBerry	Dual Mode (GSM/VoWLAN) on Nokia
	Single mode (GSM) on iPhone and Android	Auto roaming and handoff dual mode on Nokia
	Single mode with Web Client via browser on any device	Handoff level and threshold on Nokia
<b>User Interface</b>	Mobile Client can be used as Enterprise communication GUI	Mobile Clients are designed to smartphone UI
	Mobile Client can also be activated via native call screens	
<b>Compatibility <sup>1)</sup></b>	iPhone 3G, 3GS, 4G (Single mode, Dual mode with SMC R3.1)	
	Android 2.1 or higher (Single mode, Dual mode with SMC R3.1)	
	Windows Mobile version 6.1 (Single Mode) platform is not recommended anymore	
	Nokia Symbian	
	<ul style="list-style-type: none"> <li>- OS V9.1 S60 3rd Edition (Single Mode)</li> <li>- OS V9.2 S60 3rd Edition – FP1 (Single- and Dual Mode)</li> <li>- OS V9.3 S60 3rd Edition – FP2 (Single- and Dual Mode)</li> <li>- OS V9.4 S60 5th Edition – R5 (Single- and Dual Mode)</li> <li>- OS ^3</li> <li>- OS S40 is not supported</li> </ul>	
	Blackberry OS	
<b>Data connection</b>	GPRS or UMTS for synchronization between Mobile Gateway and Client	
	In-house synchronization via WiFi	
<b>Installation Support</b>	OTA (Over The Air) software upgrading and provisioning of client data	
	Software upgrading by desktop PC	
<b>Mobility Gateway</b>	Max. number of clients = 1250	
	Intel Xeon 3000 sequence 2.4GHz+; 2 GB RAM; 120 GB HD or equivalent/higher. Linux OS (CentOS/Red Hat Enterprise)	
<b>Redundancy</b>	Native redundancy support including a primary active server and a standby server	
	Support of Marathon everRun	
<b>Virtualisation</b>	EMG can run on a virtual environment such as VMware, Xen and KVM	
<b>IP PBX Compatibility</b>	iS3000 and SIP@Net	
	SV8300	
	SV8500	
<sup>1)</sup> Device compatibility must be verified per handset model		

UNIVERGE®360 is NEC's approach to unifying business communications. It places people at the center of communications and delivers on an organization's needs by uniting infrastructure, communications and business.



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