

uMobility Direct Connect SIP Client

Communications from your smartphone



NEC's uMobility Direct Connect SIP client provides users with a powerful application making the smartphone a true extension of the enterprise telephony system. Available for a range of mobile devices running either Android or iOS in combination with mobile data or WiFi networks, it ensures you can stay connected at all times. And uMobility is available for SV9100/SL1100/SL1000 communication servers.

At a Glance

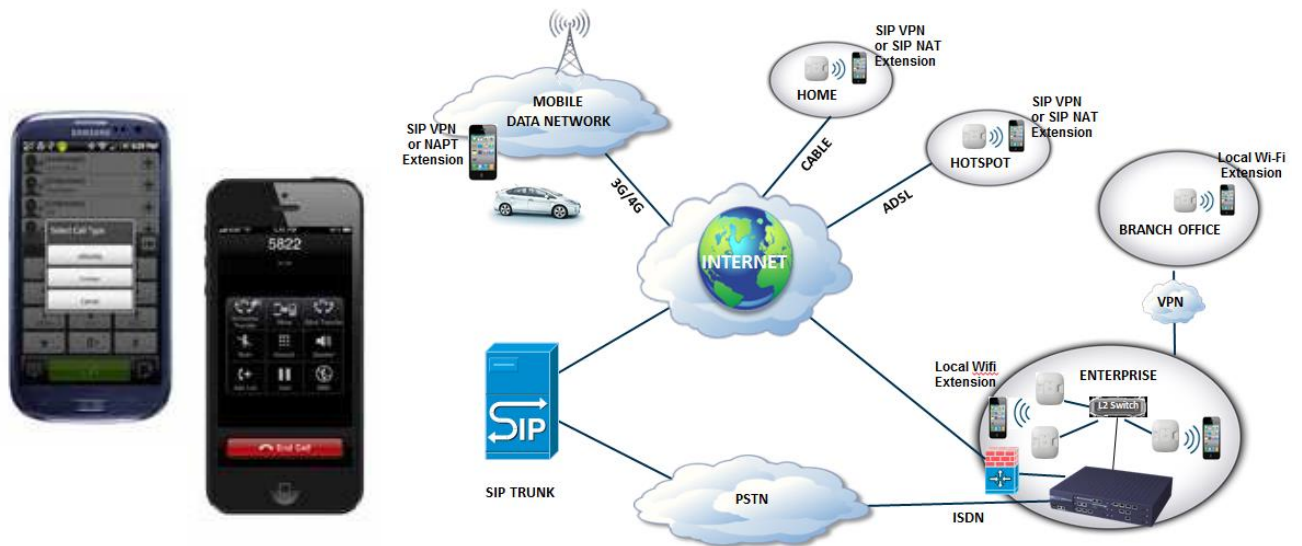
- Single number reach and voicemail
- Enterprise dialing and features via smartphones
- Roaming on and off the enterprise
- Independence from specific mobile network technology
- Available for Android and iOS
- Improved efficiency and productivity
- Increased customer satisfaction

Mobile phones are a mainstay in today's businesses and the usage is still growing. Employees have traditionally relied on mobile devices to stay connected, making it necessary to also distribute a separate phone number to ensure they can always be reached. This also means management of multiple voice mailboxes, which can delay message handling.

Another issue arising while using mobile devices in the office is a weak in-building signal, resulting in disturbed communication. Missing or dropping of important calls can mean the difference between winning or losing business.

With NEC's uMobility Direct Connect, businesses are now able to provide employees with single number reach, unified voice messaging and enhanced in-building coverage through a business's WiFi network. By enabling employees to be reached anytime, anywhere - any business can become more efficient, responsive, collaborative and productive.

Client examples (Android and iOS) and solution diagram:



uMobility offers powerful features

- **Single-number reachability** and single-number identity via the enterprise number.
- **A single mobile handset** that works as effectively in the office as when traveling or working from home.
- **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 Android, and iPhone.
- **Ability to use PBX functionality** such as hold, transfer and specific routing to other devices.
- **Integrates smartphone contacts** and number modification through inbuilt dial plan.

NEC uMobility Direct Connect extends enterprise SIP extensions to smartphones through the mobile data or WiFi networks. A variety of deployment scenarios are available:

- **Single mode** - using an enterprise secure WiFi network or VPN for remote access.
- **Hotspot mode** - the enterprise secure WiFi network can be complemented with access via 3G/4G mobile data, WiFi hotspots or the home WiFi system, provided that the appropriate security precautions are taken.
- **Various 3G/4G mobile network options** - depending on the mobile provider contract, the network can be used with data signaling and voice over 3G/4G. With 3G/4G signaling the client will be able to also offer mid-call features like hold and transfer.

Single number reach and voicemail

uMobility Direct Connect enables employees to be reached via a single number, by transparently bridging calls to their business phone number to their smartphone. Only a single phone number is required by customers, vendors and business associates whether the employee is in the office or not, alleviating the frustration of not knowing which phone number to call or where to leave a message.

If the desired employee is not available, the call is directed to the business voicemail account. No longer will employees have to miss that important phone call from a customer, or check multiple voice mailboxes; uMobility Direct Connect speeds up connectivity, improves responsiveness and reduces caller wait time.

Roaming on and off campus

uMobility Direct Connect lets employees effortlessly roam on and off campus, from a business 's WiFi to 3G/4G mobile data networks and back again via a Smartphone. It lets employees answer their business phone directly from their mobile phone plus it greatly enhances in-building coverage to ensure reliable mobile phone usage anywhere in their office.

Another added benefit of uMobility Direct Connect is that it reduces mobile phone minute charges each time a mobile phone is used at the office because the mobile network is bypassed - resulting in potential cost savings. uMobility Direct Connect offers businesses true mobility with the high-quality voice communications they have come to expect from NEC.

Enterprise dialling via smartphones

With uMobility Direct Connect, Smartphone users are able to do station-to-station and external dialing as well as utilize the trunking services of the enterprise switch. This allows mobile users to place calls by either entering a 4 or 5 digit extension or a fully-dialled number. By placing the call through the enterprise switch, the caller ID that is presented is the user's enterprise number instead of the mobile number which reinforces single number reach.

uMobility Direct Connect also allows businesses to track mobile phone usage in the office since all mobile phone calls are captured by the business's phone system call logs.

Independence from Mobile Carrier Technology

Because uMobility Direct Connect does not depend on specific mobile technology, it provides businesses the flexibility to select or keep their mobile carrier of choice. So, businesses can negotiate the most economical plan that will suit their needs.

Improved efficiency and productivity

uMobility Direct Connect enables employees to be reached anytime, anywhere, which results in better efficiency and higher productivity. Businesses can streamline communications and information delivery by handling calls more promptly from any location without having callers directed to voicemail. Those important calls will never be missed again.

Increased customer satisfaction

Providing customers a single number that can be used to reach their contact on the first try positively impacts customer service dramatically. No longer will customers have to be routed through automated attendants and directed to different voice mailboxes. They can be confident that they will reach the person they need when they need them.



Features

Call features	<ul style="list-style-type: none"> • Single number reach (SNR) • Calling Line Identity • Outgoing Private Calling (not through uMobility) 	<ul style="list-style-type: none"> • Enterprise dialing • Call Logging • Dial/redial number
Incall features	<ul style="list-style-type: none"> • Hold/Unhold • Attended Transfer 	<ul style="list-style-type: none"> • Mute and speaker call • Blind transfer
Unified Communications	<ul style="list-style-type: none"> • Integration of Smartphone Contacts • Central Voicemail Indication 	<ul style="list-style-type: none"> • Access to Voicemail
Mobility and device handoff	<ul style="list-style-type: none"> • Singlemode (WiFi) and Hotspot mode (3G/4G/WiFi) • Manual switching for roaming (3G/4G/WiFi) 	
User Interface	Native call handling screen on Android. Foreground client on iPhone.	
Device compatibility	<ul style="list-style-type: none"> • iPhone 3/4/5 with iOS versions 4/5/6/7/8 • Android 2.1 up to 4.0.x 	
Data options	<ul style="list-style-type: none"> • Mobile-data-mode: data connection through 3G or 4G • WiFi-mode: voice and data supported by Wifi • Voice options: GSM-voice, Voice-over-3G, Voice-over-Wifi 	
IP PBX Compatibility	SV8100, SV9100, SL1100, SL1000	
WiFi Infrastructure	Ideally should be a managed service supporting both WiFi QoS and wired QoS.	

About NEC Corporation: NEC Corporation is one of the world's leading providers of Internet, broadband network and enterprise business solutions dedicated to meeting the specialized needs of its diverse and global base of customers. NEC delivers tailored solutions in the key fields of computer, networking and electron devices, by integrating its technical strengths in IT and Networks, and by providing advanced semiconductor solutions through NEC Electronics Corporation. The NEC Group employs more than 150,000 people worldwide. For additional information, please visit the NEC home page at: <http://www.nec.com>

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