



Business Mobility

True On-site Wireless Mobility via Your Network

Empowered by Innovation

NEC



In today's extreme economic environment, only the smartest businesses survive. To keep your organization strong and growing, you must find ways to cut costs – even while establishing branch offices and finding better, faster ways to serve to your clients.

NEC's Business Mobility can help you meet these goals. It provides a more flexible work environment by delivering on-site wireless telephony through the superior quality of the well established Digital Enhanced Cordless Telephone (DECT) technology with all of the benefits of IP technology.

Business Mobility extends the reach of your voice communications by using your converged network to offer feature transparency between the wired and wireless world without any compromise in voice quality, availability and security.

A Simple, Sophisticated Addition to Your Network

Business Mobility uses a single converged Local Area Network (LAN) to provide both fixed and wireless telephony, so your mobile voice network easily integrates with wired terminals and applications. All wireless IP handsets operate in the 1.9 GHz frequency band that has been cleared specifically for voice applications, thus avoiding any interference problems and delivering crystal clear and secure voice conversations.

By combining proven DECT technology in the 1.9 GHz radio spectrum, NEC offers an integrated, secure IP peer-to-peer voice solution that provides high-quality voice and enables you to seamlessly roam throughout your building – or anywhere else you have coverage. Up to 12 simultaneous calls per radio can be transmitted with no loss to voice quality.

Additionally, your mobile workforce can choose from a range of handsets that provide everything from basic voice communication to sophisticated graphics and functionality. All Business Mobility handsets offer excellent mobile voice communication with crystal clear speech, speakerphone and hands-free support, seamless handover and roaming, secure DECT authentication, and seamless integration with other NEC features. All IP wireless handsets have an appealing design and are easy to use with the Business Mobility IP DECT infrastructure.

Multi-site Mobility

Business Mobility is the perfect solution for organizations that wish to provide wireless telephony in a multi-site business or campus environment. Simply installing Business Mobility Access Points at all of your remote locations or in buildings around your campus gives you the ability to offer wireless telephony without the need for additional remote equipment. Remote locations become an integral part of your centralized mobile voice communication infrastructure. You can even reduce the network's data load by compressing the voice call information sent to the remote location.

Supported on all Current NEC Solutions

The Business Mobility solution is supported on all current NEC voice platforms – so regardless of the platform you select, basic mobility is always provided. Additionally, NEC supports your investment in our technology by providing migration paths and discounts to those businesses wishing to upgrade from an older NEC platform to the latest NEC Communications Servers.

NEC is also keeping an eye toward future development by following the worldwide DECT GAP standard – so this system can support the basic functionality of tomorrow's DECT handsets.

A Range of Available Applications

Corporate Directory and Presence Status

With Business Mobility, users have access to your organization's central directory. By simply checking his or her Business Mobility handset, the user can easily access the information required. Because the information it provides is always up to date and includes real-time status information, the user can even see whether the contact is available.

A number of available Business Mobility handsets – including the G and I-Series – provide this functionality. Corporate Directory information is offered via a dedicated application.

Text and Alarm Messaging (In Development)

NEC is currently working with several middleware providers to integrate sophisticated applications – such as Nurse Call and workflow systems – into Business Mobility's specially-designed text and third party messaging handsets, the G955 and the I755.

These powerful text and alarm messaging capabilities will provide the specialized services that many organizations require. Messaging can be used to alert staff about emergencies; it can be used for nurse calls or even to provide status information regarding industrial processes. Its flexibility will even be able to replace your current paging system.

When this functionality is implemented, messages can be sent to a specific user's terminal or broadcast to a group of terminals. Additionally, users will be able to indicate the priority level of each message, which will enable the recipient to properly prioritize the order of response.

Handsets that Enhance the User Experience

Business Mobility ensures an excellent user experience. Its ergonomically designed handsets deliver flexible mobility with crystal-clear audio quality, seamless handover between access points, intuitive features and the ability to update and receive presence information. Security is assured through the DECT air interface, uniquely identified handsets and voice encryption.

The DECT standard does not interfere with other frequency bands. Distinctive ring tones distinguish internal and external calls (or messages), and audible indicators inform the user about the status of the handset. Most handsets can be equipped with a memory card to store local user data and the subscription data of the handset.

C124 Compact Business Handset

The IP DECT C124 Compact Business Handset was developed for users who simply want to make and receive wireless calls while in the office. The C124 offers users improved flexibility and comfort while keeping them accessible and mobile. It also provides mobile users all the basic telephone features required in a professional office environment, such as:

- Full user control of their accessibility
- An illuminated graphic display
- A speakerphone with excellent sound quality for hands-free operation
- Standard rechargeable batteries
- Personal contact information storage
- Advanced call logging
- Integrated call control options

G355 Enhanced Business Handset

The sophisticated G355 Wireless IP Handset for professional office environments takes mobile communication to the next level. In addition to all of the basic features provided by the C124, it offers an enhanced design, additional call control options and features that seamlessly integrate with NEC's advanced IP servers. The G955's scratch-resistant protected surface, simple installation and easy integration keep installation, maintenance and communications costs in check.



I755 Industrial Use Handset

G955 Enterprise Wireless Handset

The G955 is NEC's premier Business Mobility device. Its enhanced features and appealing design are the perfect fit for enterprise use. In addition to providing the features of the C124 and G355, this wireless IP handset offers optimized mobility, accessibility, flexibility and comfort for business users at the highest level.





The G955's intuitive user interface offers a large color display and an icon-based menu, which makes it the perfect device for industries such as hotels and hospitals that rely on sending and receiving messages and alarms quickly. The addition of an optional Bluetooth headset enhances user comfort and flexibility.

I755 Handset for Healthcare

The I755 provides specialized features developed for use in potentially demanding/harsh environments such as healthcare, manufacturing, retail and warehousing. It is both dustproof and waterproof (IP54) and offers additional personal security options, including an SOS-key and man-down detection with associated alarms.



Business Mobility Handset Features

	C124	G355	G955	I755
				
Calling Name/Number Display	√	√	√	√
Call Logging	√	√	√	√
SOS Key		√	√	√
Speakerphone Mode	√	√	√	√
Charger Rack		√	√	√
Internal Directory Capacity	40	200	200	200
Central Directory		√	√	√
Business and Alarm Messaging			Future	Future
Broadcast Messaging			√	√
Location Detection		√	√	√
Dustproof and Waterproof (IP54)				√
Bluetooth Headset			√	√
Man Down Detection				√

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