

13 Ways how NEC protects Lone Workers

It's all about Personal Safety!

Many people work individually in potentially dangerous circumstances, for example in security, transport, industry, hospitality, healthcare or defense. Employees that need to work as individuals in risky or remote locations, deserve utmost protection and all the means to timely call for help in hazardous situations.

NEC protects Lone Workers with advanced solutions for effective mobile communications and messaging at the moment and place of need. The NEC Lone Worker solution is based on NEC IP DECT infrastructure, the NEC I766 DECT handset and the MobiCall alarm server – all designed to highest quality standards.

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Secure and superior wireless communications

NEC IP DECT provides secure and superior wireless communications and is extremely reliable with guaranteed call delivery and 24/7 operation – ideal in mission critical deployments.

- ### Raising an alarm is simple

With an NEC I766 DECT mobile handset a Lone Worker in danger can raise an alarm by simply pressing the SOS button or pulling the pull cord from the phone. The alarm is reported to a central alarm panel where the agent on duty can immediately arrange appropriate help for the person in need.



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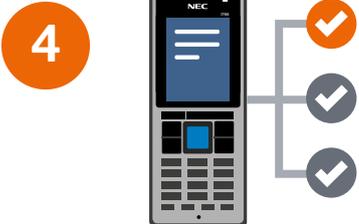


Central control of all information

The central alarm panel is the point where information from all Lone Workers comes together. Any user alarm raised is signaled both visually and acoustically, including the Lone Worker's location.

- ### Lone Worker Mode - double checked in advance

Before a handset is allowed in Lone Worker mode, all functions have to be checked. In this way, the user is ensured that his handset is working properly and is monitored by the alarm panel user. The handset cannot be switched off in the normal way thus avoiding disabling personal safety features by accident.



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Man-down

The handset can be programmed including Man-down and No-movement detection, as well as with a Timer-alarm and/or Pull-cord. Special sensors detect when an employee is unable to press a button (e.g. when unconscious after a fall and does not respond to a set timer) and arrange for alarm signals to be sent automatically.



Push to Talk

In Push to Talk mode pressing the PTT button on the I766 handset results in a group call with One-to-many (Walkie-Talkie) functionality.



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Location Detection

Location detection is based on proximity to IP DECT radios or separate beacons and pinpoints the exact location of the person in need.

Priority Messaging

Different levels of urgency can be attributed with Priority messages forced to the top of the delivery queue and distinguished by customized beep tones and colour codes.



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Broadcasting

Broadcasting enhances Messaging with Automated alerts sent simultaneously to a team, while Multiple groups can be defined.

Fully Ruggedized

Drop resistant, waterproof and insensitive to dust, mud, oil, chemicals, micro particles and high temperature differences, NEC's I766 handset is thoroughly ruggedized to operate in the most rugged environments.



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High Availability ensuring maximum User Safety

Uninterrupted operation is ensured with unprecedented battery power and lifespan that can stand up to 160 hours standby. Besides user alarms, the alarm panel also shows malfunctioning of any system component critical to monitoring the Lone Workers. This could be a power supply of a server or a lost connection with a handset.

Full compliance

NEC's Lone Worker protection complies with all applicable standards including DIN VDE V 0825-1 (expected December 2017).

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Easy to Deploy and Manage

One infrastructure for voice, text and data alarm functions makes NEC's Lone Worker solution easy to use, simple to implement, and convenient to manage.

For further information please contact your local NEC representative or:

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