

„Alone, but not left alone!“

The topic of occupational safety is a comprehensive one and includes many individual factors that must be considered as a whole. Thanks to new technologies, new approaches are possible! In the past, complex and expensive installations were necessary to monitor employees during their work.

In addition to the personal responsibility of the employees, the joint responsibility of the companies is also required. They are therefore obliged to take precautions to protect their employees.

Every company has to carry out a risk assessment: in relation to the work to be carried out by an employee or generally in relation to the working environment. At the same time, first aid must be guaranteed around the clock in the event of an emergency. In the event of threats or assaults, etc., even more complex measures are necessary to ensure the safety of all employees. Such topics are evacuation and amok scenarios. Such alerting processes can be mapped or configured in a security application such as MobiCall.

In general, we are talking about devices with a „red button“ to make an emergency call (willpower-dependent). At the same time, the technical possibility of a voluntary independent triggering should be guaranteed (dead man's switch). If you search the Internet for such emergency call devices, you will quickly find what you are looking for. From individual end devices to complete systems, you can find products from various manufacturers that can be used for the safety of employees.

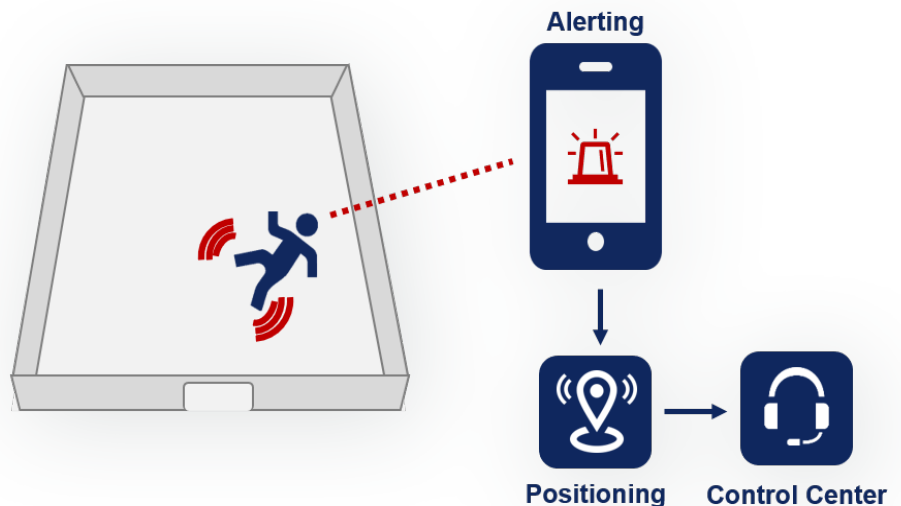
Wich solution?

With which solution, with which product is it now possible to guarantee the protection of the employees?

Now it is up to the employer! The requirements must be defined and this also includes the risk assessment and, if available, the consideration of regulations. Based on the defined needs and requirements, the search for the appropriate solution begins.

Technology

The mobility solution for enterprise communication can differ from company to company. One important difference is the monitoring of people inside and/or outside buildings. Which mobile infrastructures are finally deployed is also a question of cost. There are, for example, solutions available based on DECT or WiFi technologies. In the field of DECT solutions, New Voice has already passed two certifications in



Solo workstation: Thanks to new technologies, terminals and applications, innovative solutions are possible!

connection with the manufacturers Alcatel-Lucent and NEC (tested safety), which meet the highest possible safety requirements according to DIN 0825-1 (formerly BGR 139).

As an example of use, we would like to mention the monitoring of workers in some metro tunnels in Qatar during the construction phase. In the event of an emergency, the worker can trigger an alarm at any time and, in addition, the person can be located via the MobiCall application.

In addition, in the event of a collapse, it can also be determined how many workers were in the area at the time of the accident. Furthermore, the location of the accident is also displayed via a visualization application.

Due to the increasingly better coverage of GSM, even inside buildings, as well as the availability of special terminals that provide personal emergency call functions, such a solution approach with special terminals in connection with an app is also conceivable. In addition, special terminals are also available that can be used in critical, explosive working environments.

Positioning!

Depending on the situation, a very fast intervention is necessary. In order to ensure this, there are various possibilities for locating the person. This topic is very complex and the localization options vary depending on the technology used. In addition, the accuracy requirements

must also be taken into account. If it is necessary to ensure localization inside and outside buildings, different localization methods can be used at the same time. Example: positioning via DECT base stations, WiFi access points, Bluetooth beacon and GPS.

Regardless of the different requirements, New Voice offers a tailor-made solution for the 24/7 protection of your employees with the MobiCall alerting app.



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