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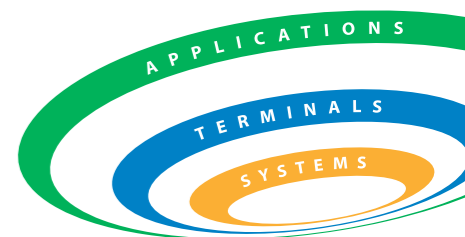
STProtect

Indoor Tracking and Location Solution

STProtect - a proven solution, which is already operating successfully in a number of industrial sites and airports. It is the only dedicated TETRA-based, truly integrated lone worker protection / indoor location system. STProtect works with Sepura STP9000, STP8000 and STP8X series hand-portable radios to provide a built-in complete communications and location system.

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Going further in critical communications

APPLICATIONS
TERMINALS
SYSTEMS

Overview

For those organisations whose employees spend some or all of their time indoors, protecting, locating, monitoring and managing them has posed a **significant challenge**, particularly for those who have **lone workers**.

Some systems rely upon active employee action, such as activating a checkpoint or similar, while other systems rely on the presence of an IP network or have additional hardware that needs to be attached to the radio.

STProtect is a highly innovative and feature-rich lone worker protection and indoor location solution, which also offers access control and resource management capabilities. It works with Sepura STP9000, STP8000 and STP8X series hand-portable radios to provide a built-in complete communications and location system for users in sectors where the security benefits of a TETRA communications solution are needed, but where employee protection and location are also paramount.

The STProtect solution comprises:

❯ **STProtect-enabled Radios** - A special STProtect module is located within the Sepura STP9000, STP9100, STP8000, STP8100 and STP8X hand-portable radios

❯ **STProtect Beacons** - A series of battery-powered, IP65 STProtect radio beacons located at key, user-defined positions within their site[1]

❯ **STProtect Software** - An easy-to-use, fully-featured STProtect management software suite

The software suite features an intuitive user interface which enables organisations to set, control and amend many facets of the STProtect solution. For example:

❯ Importing floor plans of buildings to be covered

❯ Allowing users to place beacons within those imported floor plans

❯ Customising the beacon footprint

❯ Creating checkpoints and set routes for certain types of user e.g. security guards, maintenance engineers

❯ Establishing alarm scenarios

❯ Setting management reports

❯ STProtect beacons are located at key, user-defined locations across a site, both indoors and outdoors

❯ Each STProtect beacon emits a signal

❯ When STProtect-enabled radios are carried within range of a beacon, they receive the signal and report their location back to STProtect software via the radio network

❯ The location of each radio can be displayed and stored, using the STProtect software

❯ Staff can be quickly located in an emergency and lone workers can be monitored

Key Benefits

STProtect enables organisations to:

1 Provide lone worker protection

2 Control access to certain areas of sites

3 Locate employees quickly and easily

4 Configure individual beacons to meet operational requirements

5 Control all of these key aspects of worker protection / location using the STProtect management suite

There are also a significant number of business sectors where STProtect can provide both reassurance and control. These include:

❯ Airports

❯ Prisons

❯ Warehouses

❯ Factories and other industrial sites

❯ Chemical plants

❯ Oil and gas installations

❯ Offices

❯ Shopping centres

❯ Stadia

❯ Railway stations

In these sectors, STProtect could be used to help protect employees in roles such as:

❯ Maintenance engineer

❯ Security guard

❯ Warehouse manager

❯ Shift supervisor

❯ Prison guard