ZONITH

CASE STORY:
SAXENHOJ PSYCHIATRIC HOSPITAL

The Saxenhoj Psychiatric Hospital is based in Lolland, Denmark, spanning multiple buildings and floors. It currently holds 300 psychiatric patients, 100 of whom live at the hospital.

Saxenhoj had a combination of old panic alarm systems throughout different buildings, a new fire alarm system from Siemens, and an old analogue radio system from Motorola. They wanted to integrate all of these solutions to one platform, reducing the complexity and knowledge required to respond to emergency events.

Key Benefits:

- Increases coverage to include every meter of the facility, from hospital rooms to car par
- Enables a variety of alarms from various vendors to be managed and distributed on one platform
- Enables all alarms to be logged for post incident reporting
- Offers a cost effective option for an all-in-one solution
- Increases staff safety throughout entire hospital
- Allows alarm handling and both indoor/outdoor positioning from one radio device

Requirements:

- Replace existing panic alarm system throughout entire hospital
- Manage and dispatch multiple alarm sources and types through a single platform
- Track staff throughout all buildings
- Track staff in outdoor areas

"It was key to our staff to get a new, reliable panic alerting system with large coverage and positioning capabilities. By selecting MOTOTRBO radios we got a handset that can do it all."

Carsten Andersen, Chief Technician

ZONITH

THE SOLUTION

Panic alarm system:

ZONITH deployed a panic alarm system into Saxenhoj Hospi-tal comprising of two different applications. The first is an emergency response solution activated by a push button alarm on a MOTOTRBO handset; the second acting as a pa-tient call system from a fixed wall-mounted button. Once the alarm is raised security receive the location of the source, whether indoors or outdoors. This allows the response team to act quickly to a potentially life threatening situation.

Manage and dispatch multiple alarm sources and types:

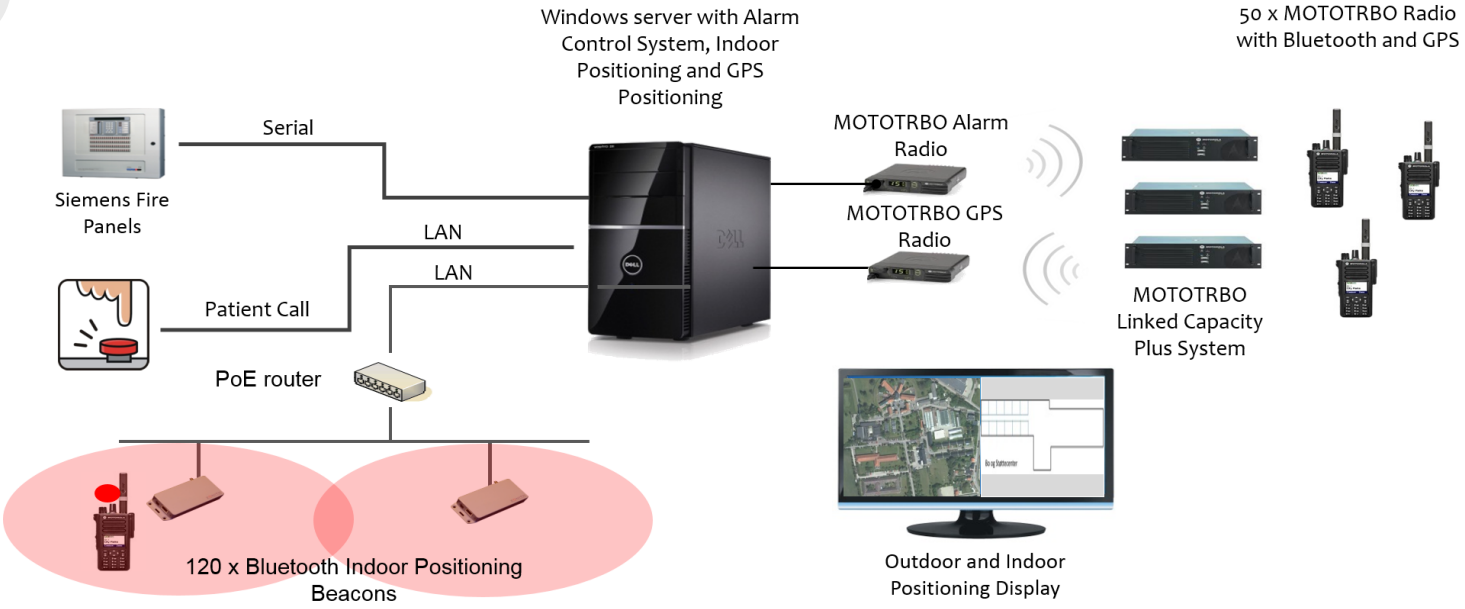
ZONITH Alarm Control System (ACS) is a single software plat-form that was configured to listen to various alarm types (fire alarms, emergency alarms, etc) and dispatch these alarms to Motorola radios via text.

Indoor Positioning System (IPS):

120 Bluetooth Beacons were deployed throughout Saxenhoj to provide room level indoor positioning accuracy of staff carrying Bluetooth enabled devices. This gives management and secu-rity complete visibility of employees if an emergency situation arises.

GPS outdoor positioning:

Once a staff member carrying a MOTOTRBO handset leaves the building, the device will seamlessly switch to GPS tracking to cover staff throughout car parks and other outdoor areas. Furthermore, GPS Geo-Fences were created to enable more specific outdoor locations when an alarm is raised.



GET in touch!

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