



Employee Panic Button Alerting on MOTOTRBO



FREDERICIAKOMMUNE

Linking Panic Alerting to MOTOTRBO Radios

The Fredericia Municipality in Denmark were the first organisation to link MOTOTRBO radios to its employee personal panic alarm system. Fredericia selected MOTOTRBO radios to replace an analogue system, and provide security guards with better voice quality and the ability to receive Panic Alarms from employees on their radios.

The municipality personal panic alarm system was linked to the MOTOTRBO radios using the ZONITH Alarm Control System.

An additional requirement was to improve the response time from the local fire brigade to alarms raised by municipality security guards.

The ZONITH Alarm Control System provided this extra functionality and was configured to automatically dispatch emergency alarms directly to the fire brigade 24*7 response service.

MOTOTRBO radios, personal panic alarms and the ZONITH Alarm Control System now provides a complete panic alarm and emergency response solution to all municipality staff.

”Apart from our panic button alerting solution, our guards now have a way to use the solution for their own protection as their emergency calls are automatically dispatched to the local fire brigade.”

Henrik Høgsman, Fredericia Kommune



Guards at the service centre in Fredericia receive critical panic alarms on MOTOTRBO radios when employees press their panic buttons.

Solution Features

- ▶ Interface to personal panic alarming system via the buildings LAN.
- ▶ Alarms are assessed against a guard schedule.
- ▶ Alarms are immediately dispatched in clear text to the guards on duty.
- ▶ Guards emergency alarming from their radios are monitored.
- ▶ Automatic notification to local fire brigade services when guards press a radios alarm.
- ▶ All alarm details are logged and reported.

The Solution

The ZONITH Alarm Control Software is installed on a computer in the security control room of the municipality. The computer links via IP to the personal panic alarming system. A MOTOTRBO radio is connected to the computer acting as alarm dispatch radio for the ZONITH Alarm Control System.

If an alarm is raised from any panic button in the municipality it is immediately passed to the Alarm Control System. The Alarm Control System then selects the guards on duty from a Scheduler. The guards will be notified on their radios that an em-

ployee is in danger detailing the exact location of the incident. The guards can then immediately rush to assist the employee in distress.

The security guards are also protected and can request assistance by pressing the emergency button on their radio. When the ZONITH Alarm Control System receives an alarm it will raise a emergency call-out to the local fire brigade. All MOTOTRBO radios in the municipality can request assistance in this way.

All alarms activities are recorded in the Alarm Control Systems and logged for analysis.

Panic Alerts received from employee panic alarm buttons.



Emergency alarms raised by security guard MOTOTRBO radios are sent to the ZONITH Alarm Control System.

*Fire brigade with 24*7 service is automatically notified when a guard presses the radio panic button.*

Municipality of Fredericia



Placed in the middle of Denmark, the fortress town of Fredericia was established in 1650. Its town hall building provides social and welfare services including employment services and legal chambers. The city has an inhabitants of more than 50,000.

"I am delighted with the capabilities of the ZONITH Alarm Control system. From an employee pressing a panic button, until our guard is notified and on his way to assist only takes a few seconds"

Henrik Høgsman, Fredericia Kommune