



Case Story: Art Museum

Managing and distributing panic and fire alarms to MOTOTRBO radios and POCSAG Pagers

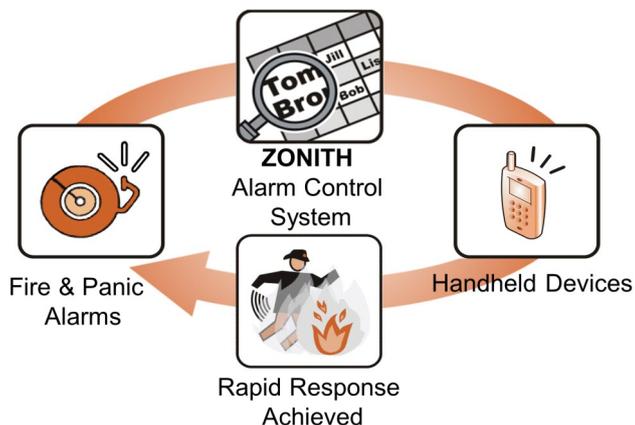
A Scandinavian Museum of Modern Art, one of the most visited in the Nordic region, has around 630,000 visitors per year, and in the top 100 most popular museums in the world. It houses both modern and contemporary art, dating from World War II up until now.

This museum approached Zonith looking to protect their employees, as well as streamline alarm flows from their existing fire panels.

Requirements:

- Personal panic alarms for employees
- Monitor existing fire panels
- Dispatch all alarms to existing handsets
- Display alarms visually in control room

Working with the management team, ZONITH deployed an alarm handling software solution using MOTOTRBO radios and Swissphone pagers for over 30 staff on-site.



In short

Needs

Deploy a staff safety solution that will automatically notify radios and pagers if a panic or fire alarm is raised.

Solution

ZONITH Alarm Control System was deployed to monitor panic alarms from MOTOTRBO radios, and send those alarms to other MOTOTRBO handsets and Swissphone Pagers on site. Alarms can be accepted/rejected from the radios, and escalated should no-one accept responsibility for the alarm. This is a future proof solution as other alarm systems (e.g. Artwork tamper, intruder alerts etc.) can be integrated at any point.

Benefits

- ▶ Reduces emergency reaction times
- ▶ Delivers simple and accurate information in an emergency
- ▶ Future-proof solution
- ▶ Increases staff confidence and safety
- ▶ Enables alarm logging

The Solution

Zonith Alarm Control System (ACS):

The Zonith ACS is a unique software system designed to increase staff safety and security. It filters incoming alarms based on:

- ▶ Criticality (high, medium or low)
- ▶ Competence (e.g. intruder alarms to security)
- ▶ Geography (those closest receive alarms)
- ▶ Schedule (those on shift receive alarms)

This customer needed more than a basic SMS gateway, therefore the ACS was installed to ensure alarms could be raised and intelligently dispatched to various devices.

Integration of Fire Alarm System:

The ZONITH ACS was configured to listen to alarms raised from an existing G4S Fire Panel, dispatching to both MOTOTRBO DP4801 radios and Swissphone pagers.

Manage and Dispatch Personal Panic Alarms:

Six (6) DP4801 MOTOTRBO radios were configured to raise panic alarms from the orange button on top of the handset. When pressed, the alarm (along with radio ID) would be sent to other radios and Swissphone pagers.

Alarm Display:

All alarms can be viewed graphically via a touch screen device mounted in the guard room. Staff can accept, reject or cancel alarms from this display, as well as see detail about what alarm has been raised and when.

