

Langelandsfestivalen in Denmark

Hytera Radios Coordinate Denmark's Biggest Family Festival

User

Fire & Rescue Center Nyborg, Denmark

Market segment

Mega Event

Project time

2015

Products

Hytera Dispatch System
RD98X Repeater
PD78X Portable Radios
PD70X Portable Radios

Features

- Digital System
- Advanced control features such as GPS positioning, alarm function and data transfer
- Open standard
- Unlimited number of voice groups
- Encrypted voice- and data traffic
- Longer and deeper range
- SDS (SMS)
- Low operating costs
- Superior audio standard



X1p



Background >>

Fire & Rescue Center Nyborg, headquartered in Fyn, Denmark, is a non-profit organization that offers emergency and environmental services. It is a non-profit rescue service provider, consisting of about 140 voluntary workers who are in charge of helping out and supporting citizens in their area. They often participate in large events and festivals where there are great risks of accidents, such as Langelandsfestivalen. When they are on location, they have several teams of nurses, doctors, and firemen present to offer help when something happens.

Customer Challenges >>

It's absolutely essential to use good communications equipment in their work as life or death can be decided in seconds. Fire & Rescue Center Nyborg had an analog system before, but it failed to meet their expectations. When something happened, they had to ask where everyone was positioned and who was closest to the accident. At large festivals, there's seldom any regular maps or roads available, so it could get chaotic. Langelandsfestivalen is Denmark's biggest family festival with about 25,000 visitors a year. When so many people gather in a single place, accidents are bound to happen. They need to depend on efficient communications equipment to coordinate their efforts in case of an emergency.



Hytera Solutions >>

Hytera provided a digital mobile radio system (DMR) to the Fire & Rescue Center Nyborg for this event, which includes 15 handheld radios, a dispatcher and a repeater. There were several minor accidents at this year's festival, including two fires, and the center had staff ready to jump in and limit the damage. The festival was held on an island and the nearest hospital was quite far away, therefore, it was more efficient to provide help on-site.

In previous years, many injured people had to be brought to hospitals instead, which was quite crowded for hospitals as those people were admitted at the same time. During this year's festival, the center performed about 2000 treatments and managed everything from smaller cut wounds and nausea to allergic reactions and suspected blood clots.

With this new digital system, they could locate every team on a DPI map and contact the appropriate person straight away – which saved them time and in turn helped them to save lives.

Benefits They Noticed Compared to Analog System >>

Everything went surprisingly fast during this transition from analogue to digital. Within one week from Fire & Rescue Center Nyborg's decision to move over to digital the center had a complete digital system, ready to be used.

The access to DPI maps and the ability to coordinate the teams more efficiently are the biggest advantages. They can now manage almost every situation much faster and thereby prevent people from being hospitalized. With digital mobile radio, they've gained an opportunity to operate proactively and it's also easier to structure communications between ambulance personnel, firemen, nurses and doctors from one central location. All this allows for a more secure environment for both visitors and officials.

Besides, Hytera radios are smaller than their previous ones, and also easier to handle without any difficulties for volunteers in all age groups with different skill sets. Another huge benefit is the improved voice quality in loud environments, which is very useful at large events such as Langelandsfestivalen.

Voice from Customer >>

"Everything went surprisingly fast. Within one week from our decision to move over to digital we had a complete digital system in our hands, ready to be used."

"Our new radios are smaller than our previous ones, and also easier to handle – which shouldn't be underestimated. Since our organization consists of volunteers, we have people in all age groups with different skill sets working with us, and so far no one has experienced any difficulties using the new equipment. Another huge benefit is the improved voice quality in loud environments, which is very useful at large events such as Langelandsfestivalen."

— Nicolai B. Clausen, Rescue Manager, Fire & Rescue Center Nyborg



Hytera Communications Corporation Limited

Address: Hytera Tower, Shenzhen Hi-Tech Industrial Park North,

Beihuan Road 9108#, Nanshan District, Shenzhen, P.R.C.

Tel: +86-755-2697 2999 **Fax:** +86-755-8613 7139 **Post:** 518057

Http: //www.hytera.com **marketing@hytera.com**

Stock Code: 002583