



Landssjúkrahúsið
National Hospital of the Faroe Islands

Industry

- Healthcare

Daily Use

- Stable wireless communication network that secures effective internal communication

Solution

- DECT communication network via LAN from Spectralink

Result and benefit

- Setting up stable and flexible communication network
- Integration with the hospital's existing phones and other systems
- Future-proof system which can easily strengthen and expand the coverage area

“The old system proved to be extremely labor and cost intensive when we wanted to expand or improve network coverage. With the Spectralink solution, it's much easier to expand the coverage area. And that's important to us as it makes the solution future-proof.”

— Einar Venned
department manager,
Landssjúkrahúsið in Thorshavn

Spectralink improves coverage at Landssygehuset in Thorshavn

A hospital is always busy, and the hospital in Thorshavn is no exception. Patients need care and staff need to be prepared for patients that urgently require care. This is why it is so important for both internal and external communication to work. The phone system is under a lot of pressure when so many things have to be dealt with simultaneously – work has to be coordinated, people are constantly calling, and extra doctors and nurses have to be called in. Landssygehuset receives 3,000 calls a day and it is crucial that each call is delivered in perfect voice quality.

This was exactly the problem with the hospital's old DECT communication network – the calls weren't all being received. The system was over five years old and hadn't been updated since its implementation, says Einar Venned, department manager at the hospital.

“We experienced problems with the current system and unreliable communication was part of our everyday lives. It's extremely important for us, as a hospital, to have a good and reliable communications network. We depend on it, especially in emergency situations. We just can't have network outages. So that's why there was a need for a new system, but our primary requirement was that we wanted a network that was able to integrate with our existing system.”

Flexible solution integrated with existing wireless phones

This is exactly what the Spectralink DECT communication solution delivered. The system includes a wireless infrastructure which is installed over the local area network (LAN) to ensure reliable call coverage and flexibility. Furthermore, the Spectralink DECT solution seamlessly integrated the hospital's existing handsets, which was a critical requirement for Landssygehuset.

“The factor that makes the Spectralink DECT solution outstanding is that it can be integrated with the existing systems in the hospital. For instance, the solution is able to connect with the phones that staff are already using and it works with the system that sends text messages to the wireless units, which makes it possible to get in touch with the nurse closest to the patient,” says Jens Olesen from NetDesign, who was responsible for the Spectralink DECT installation.

In addition, the Spectralink DECT system is scalable, so it's easy to expand if the need arises. This makes it easy to adjust when the need for change is there.

“The old system proved to be extremely labor and cost intensive when we wanted to expand or improve network coverage. With the Spectralink solution, it's much easier to expand the coverage area. And that's important to us as it makes the solution future-proof,” says Einar Venned.

“We want to manage the internal communication the best way possible. That’s definitely within reach with the solution that Spectralink has provided.”

— Einar Venned, department manager, Landssygehuset in Thorshavn

Integration is an advantage

According to Jens Olesen from NetDesign, there is a market trend for demanding solutions that don’t require any binding commitment. The market dictates platform-independence which can be integrated with other systems. “That’s where Spectralink has a unique advantage,” he says.

Einar Venned agrees and continues to explain how the new Spectralink DECT system has contributed to increased effectiveness: “Today, we have much better coverage at the hospital. We’re able to save time, if we want to expand the coverage area, and it can be done at a more reasonable cost. We want to manage the internal communication the best way possible. That’s definitely within reach with the solution that Spectralink has provided,” he says.

About Spectralink

Spectralink – The WorkSmart Company – is the global leader in purpose-built wireless communications. We empower mobile workers everyday with intelligent, Wi-Fi and DECT solutions that enable them to work smarter, not harder. Spectralink delivers devices that move with people throughout their workday, bringing crystal clear communications wherever workers need them, and durability for the toughest environments. Headquartered in Boulder, Colorado and Horsens, Denmark, Spectralink brings bringing productivity, reliability and ease of use to mobile workers everywhere.

For more information,
please visit www.spectralink.com or call +45 7560 2850.



Spectralink Europe ApS
Langmarksvej 34
8700 Horsens
Denmark
Tel: +45 7560 2850 EMEA
+1 303 441 7500 North America
infodk@spectralink.com
spectralink.com