

9SOLUTIONS

Hospital system

Comprehensive real-time locating safety and communication system for hospitals and health centers



9Solutions Oy is the leading provider of real-time locating safety and communication systems and smart care solutions. Our mission is to create environments for safe and quality care by providing solutions that enable effective communication, make relevant information easily accessible and free up working hours for meaningful tasks.

Nurse call, personal safety and real-time locating system – All in One!

9Solutions real-time locating safety and communication solution is designed to support the daily work, quality of care and efficiency of operations in demanding hospital environments.

- ✓ **Easy-to-use** system does not require any technical skills from the staff.
- ✓ **Cost efficient** wireless Bluetooth based indoor positioning system does not require heavy cabling.
- ✓ **Effortless maintenance** – no local server.
- ✓ **Always up-to-date** software and new features are easy to deploy afterwards.
- ✓ **Customized** configurations according to the customer's needs.
- ✓ **Open interfaces** allow seamless system integrations.
- ✓ **Reliable** ISO27001-certified system also works during Internet outages.
- ✓ **Continuous system monitoring** and 24/7 reporting service.

“Ease-of-use and possibilities to expand and modify the system according to changing needs were the requirements and reasons why we chose 9Solutions.”

Terho Pekkala, Project Manager
Kainuu Central Hospital



Real-time locating of alarms, devices and people

Nurse Call

Personal Safety

Asset Tracking

Personalized Access Control

Patient Transport System

Maintenance Requests

Video and Voice Connections

Mobile and Fixed Call Buttons

Intelligent Activity Sensors

Reporting

Real-time locating system improves staff and patient safety

Safety issues and threats are common in hospital environments. The 9Solutions system provides accurate and real-time information about the location of alarms which enables delivering immediate help at the spot.

- ✓ **Real-time and room-specific locating** tells the exact alarm location, improving staff and patient safety.
- ✓ **Personalized access control** reduces risks and incidents.
- ✓ **Maintenance requests**, triggered automatically, optimize staff workflows and maximize space utilization.

“Personal safety buttons allow us to work more freely and go anywhere. Everyone has a phone where you can see who needs help and where, and can go to help straight away.”

Antto Korkala, Nurse
Oulu University Hospital

Efficient communication improves staff workflow



Easy-to-use mobile application for handling alarms and tasks enhances communication and brings flexibility to the hospital's daily life.



Alarm notifications are directed to the right people at the right time to make a stressful work environment more comfortable without reducing safety and security.



The system data can be utilized to develop and automate processes and reporting.



Asset tracking saves time and resources

With the 9Solutions Asset Tracking System, the staff can effectively track e.g. beds, medical carts, crash carts and other assets in real time. Information about the location of different assets can be seamlessly integrated into ERP and asset registers providing real-time solutions for asset management and inventory.

- ✓ Streamlines equipment logistics
- ✓ Improves asset utilization
- ✓ Reduces time spent searching for equipment
- ✓ Improves staff workflows
- ✓ Enables efficient device maintenance and asset management
- ✓ Prevents theft

"Asset tracking enables efficient management and use of hospital equipment. The total number of devices can be reduced and staff doesn't have to spend time searching for equipment."

Velimatti Thure, Director of Facilities and Support Services
Mikkeli Central Hospital

Nurses spend an average of 72 min per shift searching for assets, coworkers and patients.

Source: ROI of Locatable RTLS for Healthcare, Frost & Sullivan



Flexible solution for individual needs

The 9Solutions system is a long-term investment as it adapts to the individual needs and operating environments of different organizations. It is not just a nurse call system, but an intelligent technology platform to support the hospital's daily operations.



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Oulu University Hospital

The 9Solutions system has been in use at Oulu University Hospital since 2012. With the OYS2030 modernisation programme, the real-time locating system will be extended to the entire hospital area. The aim of the OYS2030 program is to make the new university hospital, to be built in Oulu, the smartest hospital in the world.

Kuopio University Hospital (KUH)

Kuopio University Hospital is one of the most modern hospital centers in Europe. *“The hospital wanted a modern and innovative multi-service nurse call system that could also be extended to indoor location solutions,”* Harri Hyppölä, Project Director of the KUH New Heart Project, commented on the implementation of the 9Solutions system in 2018.



Hospital Nova, Central Finland

A completely new hospital Nova opened at the beginning of 2021. The 9Solutions system covers the entire hospital premises with more than 106,000 brm2. The hospital's more than 2,000 employees have mobile locating personal safety tags. In addition, the 9Solutions system locates several thousand devices and enables centralized management of patient transports.

Kainuu Central Hospital

New central hospital in Kainuu was inaugurated in January 2020. The 9Solutions system covers the entire 46,000 brm2 area of the new hospital facilities and includes over 5,000 locating tags and alarm devices. With the 9Solutions system the hospital has also streamlined its food distribution.



© Kainuun sote



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Mikkeli Central Hospital

The 9Solutions real-time locating nurse call and personal safety system was deployed at Mikkeli Central Hospital in 2016. In addition, the system is used for locating all the hospital's beds, wheelchairs, rollators, walkers, person lifts, and some devices jointly used by different wards.



Read more or contact us

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Comprehensive service, reliable system, effortless maintenance

| | Basic | Standard | Premium | Premium 5+ |
|--|-------|----------|---------|------------|
| Technical system operation monitoring 24/7 | ● | ● | ● | ● |
| Helpdesk support 24/7 | ● | ● | ● | ● |
| Data backup | ● | ● | ● | ● |
| Automatic data security updates | ● | ● | ● | ● |
| Always up-to-date software version | ● | ● | ● | ● |
| Software maintenance | ● | ● | ● | ● |
| Unlimited number of system users | ● | ● | ● | ● |
| Safety button battery replacement (fixed device battery replacement according to agreement) | | ● | ● | ● |
| Lifetime guarantee to wireless safety buttons | | | ● | ● |
| Five year guarantee to all components | | | | ● |