9Solutions
Helping to care

9SOLUTIONS

Hospital solution

Comprehensive locating, safety and communication system for hospitals and health centres

9Solutions LTD is a leading provider of locating, safety and communication systems as well as smart care solutions. We offer the most advanced technology solutions to support safe and high-quality care.

Safety, efficiency and quality to care work

9Solutions hospital system is a comprehensive solution designed to increase safety, ensure efficient communication and informations sharing and facilitate smooth processes in healthcare environment.

The real-time locating system enables workflow optimisation, efficient use of resources and most of all it brings help quickly when it is needed.

> **"Simple and easy.
> I recommend it to all
> emergency departments."**
>
> Jarmo Lohela, nurse
> Oulu University Hospital

Real time locating system

Access control

Workflow optimisation

Data analytics and reporting

Personal safety

Nurse call

Asset locating

More time for patient care

The 9Solutions system includes nurse call, personal safety, access management, asset tracking and workflow optimisation solutions based on real-time locating of both people and devices.

The mobile solutions frees up time for patient care by enabling efficient communication and information sharing. Alarms containing accurate and real-time locating information increase staff and patient safety and help to reduce overlapping work. Asset tracking optimises the use of resources and saves the care professionals' time searching for equipment and instruments.

Simultaneously the real-time situational awareness supports decision making and enables to decrease administrative costs. In addition, the data offered by the system can be utilised to automate processes and develop operations. All devices and user interfaces are designed to meet the health-care requirements and are easy to understand and use.

- **Accurate and real-time locating of people and devices**
- **Reliable and quick information sharing**
- **Intelligent alarm forwarding and prioritisation**
- **Real-time situational awareness**
- **Robust and easy to use devises**
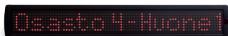- **Intuitive user interface**

Efficient communication and alarm management

Alarms and their exact location information is efficiently routed to the right people so that the right kind of help would be quickly available.

Alarms are forwarded to the mobile phones or workstations of selected recipients or teams. The system prioritises alarm recipients and filters alarms to the correct persons or teams to reduce unnecessary noise in the ward.

In addition, alarms are also shown on door lights and corridor displays with clear message and audio signals. Alarms can also be routed to external systems and alarm centres.

Reliable, durable and cost-effective solution

The 9Solutions system is a carefully designed and implemented system with top-grade reliability and usability. With superior installation, deployment and maintenance benefits, the system soon pays for itself.

The locating infrastructure doesn't require heavy cabling or installing additional devices as the base stations are integrated in the door lights and patient devices.

Modern wireless system scales and adapts easily to meet the changing organisational needs and demands. The system is also easily transferable which allows optimal use of wards and facilities.

Open interfaces allow connecting different devices to the solution and the smooth information flow between different systems.
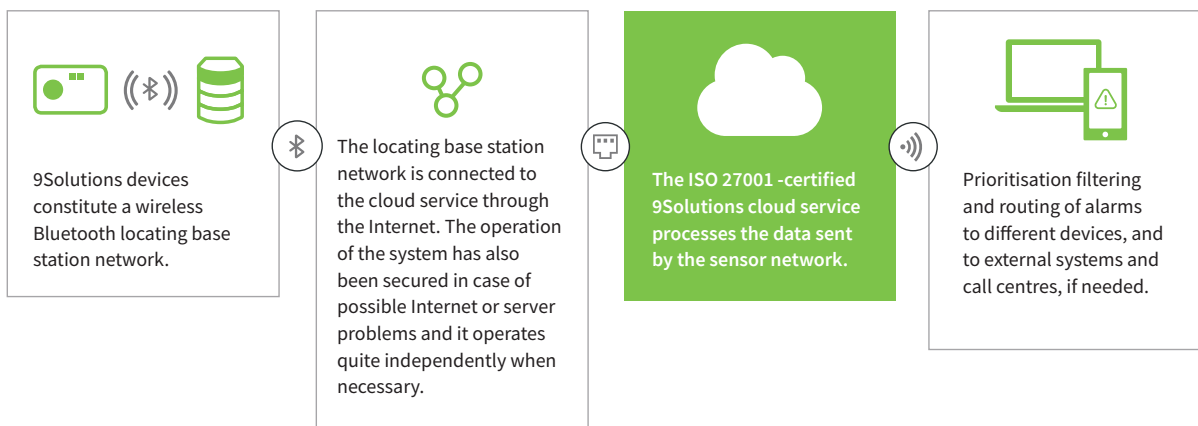
The system can be upgraded without changes to the devises or system infrastructure keeping the lifetime costs low. Constant system monitoring guarantees the system functioning and automatically notifies of maintenance needs.

- **Quick and easy installation**
- **Scales and adapts easily to changing needs**
- **Open system platform**
- **Constant system monitoring**
- **Always up-to-date**
- **Compatible with future system generations**

"System installation is easy and quick."

Riku Vihervaara
Acquisitions manager, SRV

Seamless and secure data transfer

9Solutions devices constitute a wireless Bluetooth locating base station network.

The locating base station network is connected to the cloud service through the Internet. The operation of the system has also been secured in case of possible Internet or server problems and it operates quite independently when necessary.

The ISO 27001 -certified 9Solutions cloud service processes the data sent by the sensor network.

Prioritisation filtering and routing of alarms to different devices, and to external systems and call centres, if needed.

Activity data to support rehabilitation

The 9Solutions system can also be used to evaluate and monitor the effectiveness of rehabilitation.

Patient's physical and daily activity can be monitored and measured with activity sensors.

The activity data helps professionals to support the patient's overall rehabilitation and shorten the time spend in a hospital.

Activity sensors
For continuous monitoring of patient's activity and daily rhythm

Fall monitoring
Alarms and detectors designed to monitor those who are at risk of falling

Activity reports and data analytics
To support professional decision-making in assessing performance and effectiveness of care and monitoring progress of rehabilitation

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				●