

RFID Use Cases: Healthcare

Efficient inventory management thanks to RFID-based inventory systems

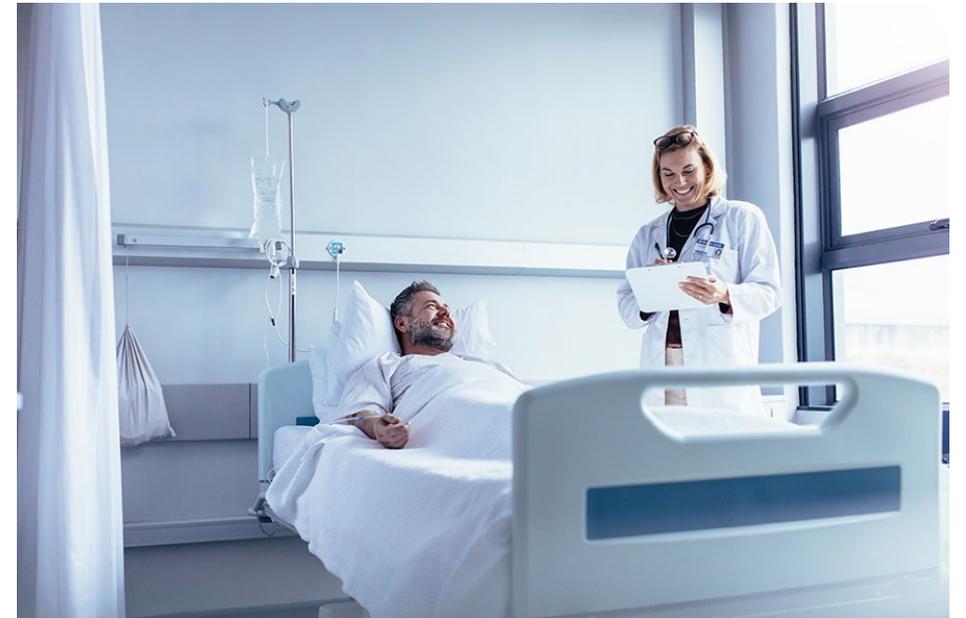
With real-time inventory monitoring on smart shelves, RFID-based systems can reduce administrative costs and allow monitoring of consumables, medicines, and blood reserves, while also preventing theft. This way, you will always know what is still in stock and what will soon be out of stock, whether it is medical devices, beds, or wheelchairs.



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High levels of patient safety due to 100% treatment tracking

RFID systems optimize patient safety and provide important information about possible supply bottlenecks, from 100% assignment of patient files to complete monitoring of treatment. Transparent treatment tracking guarantees optimum care for every patient. RFID-based monitoring allows clinics to deploy their scarce human resources within the treatment chain efficiently and with maximum flexibility.



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Reliable monitoring of consumables via central database queries

Inventoried consumables and monitoring their expiration dates is easy with RFID systems. RFID systems also allow you to implement product authentication and counterfeit identification measures. A modern RFID alarm sounds if the wrong parts are used, connections are faulty, or sterilization processes are performed incorrectly. This maximizes treatment safety.



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Identification of medical devices with UDI-compliant technology

The availability of medical equipment is often limited. When patient volume is high, a clear idea of where all the available and occupied devices are located is even more important. Efficiency is the order of the day. Every existing device can be used effectively and devices that have been freed up can be immediately prepared for their next use. RFID technology is UDI-compliant and fulfils the relevant security and audit requirements.



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Results and benefits

RFID systems make it possible to perform everyday tasks in the healthcare sector conveniently and efficiently. There are a range of options for everything from improving healthcare provision in clinics and accelerating processes using inventory and tracking solutions to allowing error-free monitoring of healthcare equipment and replacement parts for medical devices.

Your Advanced Systems team is here to help you develop medical applications that maximise the benefits of the very latest RFID technology in critical sectors such as healthcare.

