


Solutions for the medical industry

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RFID solutions in medicine

Healthcare and medical industries are increasingly turning to RFID solutions to optimize and digitize processes. Laboratories, hospitals and clinics, medical care centers and nursing services benefit in the fields of patient safety, integrated care, RFID tracking and real-time analysis. Investment in RFID solutions enables a high degree of standardization, which is quickly reflected in savings in search time and knowledge of utilization levels and thus ultimately in cost savings. Contactless identification through AutoID / RFID enables automated and digitalized solutions for recurring processes and enables tighter processes, error prevention, growth opportunities and a solid data basis. Use AutoID / RFID to relieve medical personnel of technical and logistical challenges. Please contact us.

About SIGMA

As a reputable system house in Saxony SIGMA Chemnitz GmbH operates as system integrator and partner of well-known Providers in the IT sector. Our over 70 employees form a competent team at the location Chemnitz. With expertise, competence and almost 30 years of experience we offer our customers reliable and powerful solutions.

About our AutoID and RFID solutions

AutoID and RFID solutions for production, logistics and supply chain. Our customers appreciate us as competent, innovative partner, to accompany them from the initial problem analysis until the goal with commitment. Many years of project experience of our employees form the foundation for effective AutoID and RFID solutions for production, logistics and supply chain.

About GRAIDWARE®

The AutoID middleware GRAIDWARE® is an intelligent abstraction layer for different hardware components and business applications. Work tools, production steps and AutoID data can be identified, monitored, controlled and configured.

Examples for RFID solutions in medicine

- **Blood products** are fitted with RFID transponders at blood donation services, in laboratories and hospitals for internal logistics
Challenge: the transponder must stand out clearly from the liquid
- **Pharmaceutical packages** are RFID tracked and delivered as part of the supply chain to automatically identify, locate and manage inventory
- **Patient wristbands** can be fitted with RFID transponders in hospitals
Advantage: real-time tracking eliminates mix-ups and reduces waiting times
- Medical technology such as examination equipment, **beds, wheelchairs or transport trolleys** can be tracked with RFID and enriched with data
Advantage: hygiene and cleaning cycles can be automated
- RFID tracking of **disposable products** with a high number of variants, e.g. in heart catheter laboratories or operating rooms
Advantage: Automation of delivery, storage and reordering

