High availability of all GRAIDWARE components

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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.
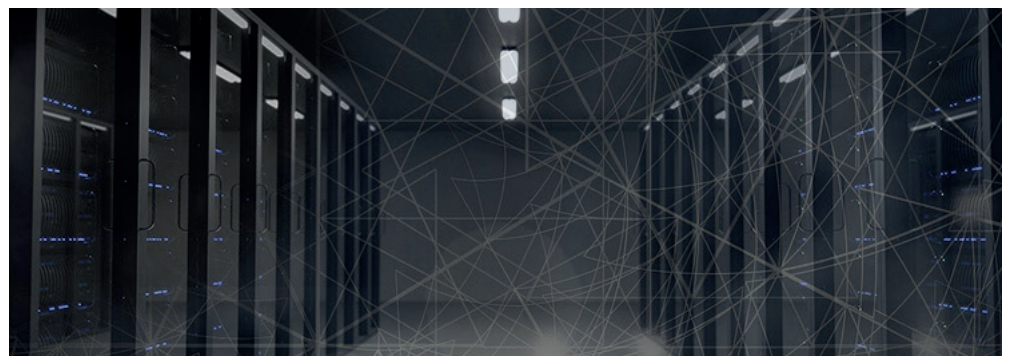
About SIGMA

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 80 employees at the Chemnitz and Dresden sites 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.

The solution for production and intralogistics without data loss

When it comes to Industry 4.0 and the **digital mapping of production processes**, SIGMA Chemnitz GmbH is ahead of its time with the possibilities offered by GRAIDWARE. **Our concept of high availability** of software components for your production and intralogistics environment is particularly **forward-looking**. **Production data for structured further processing** represent the heart of a business software landscape. Our **standardized AutoID solution** stands out as a pioneer in **RFID-supported production** support and offers you a quick entry into the RFID world.

It is important for you to **know at any time** what the condition of workpieces is, which machines are currently producing or which raw materials are in stock. You also want an overview of the current status of the production process. The **integration of this diverse information into your ERP system** is also one of your key requirements. Our RFID solution offers you these and many other options for digitizing your company's own production-related steps.

High availability with the established MS standard technology Windows Failover Cluster is the buzzword on everyone's lips. The central requirement here is the **reliable and robust protection of operational data collection**. Our dual server solution offers exactly that. If, for example, a Windows update is installed on one of the servers, the second server seamlessly takes over the recording of the data via the installed GRAIDWARE components.

Functions

- Reliability in the event of server failures
- Protection for critical updates during production

Advantages of the RFID Technologies

- Fast **reading** of objects
- **Bulk reading** - identification of multiple parts
- **Linking** - ERP system and line
- Monitoring of **production orders** in production is no longer necessary
- **Automatic bookings** and / or transfers in logistics and production
- Comprehensive **transparency** on the status of current production orders