

Meter Management

Ansprechpartner



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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 meter operators of electricity, water and gas

With our RFID systems, you can **automatically identify delivered meters**, distinguish new devices from **old devices** or according to **outstanding receivables**, and quickly and efficiently move the meters either to your warehouse or to scrapping.

Metering systems such as analog or digital meters for e.g. electricity, water or gas are necessary to measure the consumption in a consumption point and have to be replaced or renewed regularly. A complete and correct documentation of the meter readings is indispensable. This represents a high **logistical effort** for the **metering point operators** or **network operators**.

The delivered metering systems are manually separated into old and new meters without automation. The old meters then have to be sorted by hand and, if necessary, stored or scrapped.



RFID gates / RFID gates in the field of meter management

To enable **automatic identification** of the meters during delivery, manufacturers equip the meters with RFID transponders that contain a unique **serial number**. During the process of goods receipt, the meters are transported through an **RFID gate** or into an RFID cabin. Automated identification of incoming goods by RFID gates and RFID cabins.

RFID readers at the respective facility recognize the transponders. These can compare the **serial number** recorded there with the serial number contained in the **electronic delivery bill** and thus record the actual delivery quantity.

By transmitting the **EPC code** (Electronic Product Code) to the ERP system such as Infor LN or SAP Business One, it is possible to check whether the equipment is new or old.

Based on the serial number, the RFID system recognizes whether there are any **outstanding receivables** for the old devices and automatically sorts them out so that they can be quickly moved to the warehouse or scrapped without much effort.