

**BEST PRACTICE CUSTOMER STORY:**

# Save space and ensure availability:

The supplier as a digitalisation partner for automatic reordering

**‘How can we provide our customers with free access to the material and ensure maximum availability? With sensors and cloud from TeDaLoS, permanent stock level monitoring was implemented at the customer’s premises. We even retrofitted during ongoing operations.’**

**Slawa Benner, Services+Solutions Manager, RUBIX**

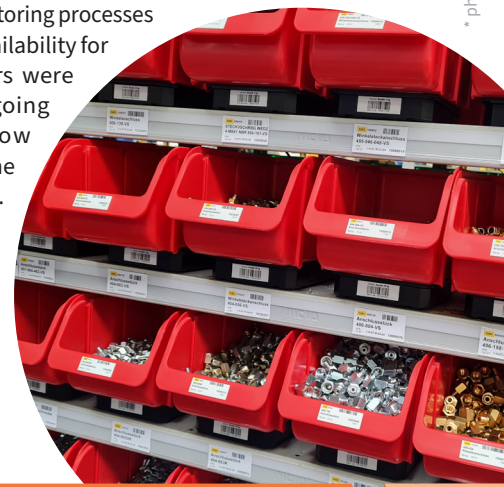
## KEEPING THE WHEELS OF INDUSTRY IN MOTION - THROUGHOUT EUROPE

**RUBIX is Europe’s leading distributor of industrial supplies and has all premium brands in its range.**

Over 8,500 employees use their technical expertise to provide their customers in Europe with industrial products and solutions. RUBIX offers logistics services such as industrial dispensing machines, scanner solutions and warehouse management as well as technical services such as packaging, repair and maintenance and also engineering solutions such as condition monitoring, energy management and automation. The company with customised services for its customers is represented in 22 countries with more than 750 locations.

## DIGITAL STOCK LEVEL MONITORING FOR MECHANICAL ENGINEERING COMPANY

Important production parts are often difficult to store in automatic vending machines and yet must be available quickly. RUBIX uses wireless sensors to monitor the fill levels in its customers’ warehouses. The customer’s requirement in the current case was that no new investment in racking equipment should be necessary. A high degree of automation in digitalisation was to eliminate manual monitoring processes and increase material availability for production. The sensors were retrofitted during ongoing operations and now automatically transfer the data to the TeDaLoS Cloud. This enables material demand to be identified at an early stage and delivery logistics to be optimised.



**‘Typical Kanban systems require a lot of space, as several containers have to be kept ready for each item. However, due to the manual recording of empty containers only, they are not process-reliable. Dispensing machines are often restrictive in practice. In TeDaLoS, we have found a partner that uses active sensors and measurement technologies to automatically record stock levels in the cloud.’**

**Slawa Benner, Services+Solution Manager, RUBIX**

## IOT-AS-A-SERVICE: DAILY INVENTORY COUNT WITHOUT AN IT PROJECT

The Austrian company TeDaLoS offers retrofittable solutions for automated stock level recording. These wireless sensors can be easily integrated into existing processes without the need for extensive IT projects. The data is transferred to the TeDaLoS cloud platform, where it is easily accessible to the customer. The European platform offers online usability via internet browsers or data interfaces and translates sensor and reading values into the business semantics of material management: customer, cost centre, material number, stock quantity or replenishment demand.

This solution is flexible and can integrate various technologies and methods to meet the growing demands of digitalisation.

**Thomas Tritremmel, Managing Director of TeDaLoS, confirms:**

**‘Directly connecting hardware protocols and programming conversion logic in the IT department is a thing of the past. The pace of innovation is now too fast, and the availability of IT experts is too limited.’**

Numerous industrial companies use TeDaLoS solutions to automate inventory monitoring tasks. As a white label platform, the cloud software is used internationally by industrial suppliers in their own brand to enable dynamic and future-proof smart replenishment services for their own customers.

For customers and users, IoT-a-a-S from TeDaLoS means that no additional resources from other IT service providers or internal IT experts are required. Instead, sensors and smart devices provided by TeDaLoS or other hardware manufacturers, report directly to the TeDaLoS Cloud from day 1 and the data is accessible and comprehensible to users from materials management via an online interface.



## EXPANDABILITY TO OTHER MATERIAL GROUPS AND METHODS

RUBIX can provide a comprehensive digitalisation offering through the TeDaLoS cloud platform without the need for constant new hardware and system integration projects.

RUBIX’s international customers, who use different systems from RUBIX, can also efficiently monitor their stock levels and generate valuable analyses of consumption patterns. TeDaLoS ensures that existing and future technologies are connected to the cloud to provide future-proof and flexible solutions.

‘The available detection technologies are becoming increasingly diverse, and wireless technology in particular is constantly evolving. Industrial suppliers want simple plug & play solutions without having to constantly train system technicians for installation and maintenance. At the same time, already deployed hardware systems must continue to function. TeDaLoS integrates current and future technologies into the cloud, regardless of the system, in order to offer a future-proof service solution for material suppliers,’ emphasises Thomas Tritremmel, Managing Director of TeDaLoS.

The TeDaLoS cloud software is open to any type of sensors and manufacturers. It processes various measurement methods and translates the data into quantity and stock level data that is relevant to the customer. The sensor units carry out daily stock level measurements and transmit the data in encrypted form to the cloud, where it is available on mobile devices.

Slawa Benner, Services+Solutions Manager, RUBIX, provides insight: ‘The ongoing staff shortage in logistics and IT among customers is increasing the demand for flexible solutions. Our customers expect a wide range of the latest technologies. For us, better data also means better customer service and efficiency gains in logistics.’

TeDaLoS thanks RUBIX for the cooperation and is looking forward to improving efficiency in logistics and the cooperation between trade and industry.

## WHY CHOOSE TeDaLoS?

### ONE-STOP-SOLUTION ON THE INTERNET OF THINGS

Our expertise lies in the development, production and operation of the TeDaLoS complete solution for the automatic monitoring of the quantity of stocked materials - in warehouses, production and transport.

The one-stop solution on the Internet of Things combines sensor hardware, communication and software in one product. TeDaLoS is independent of infrastructure requirements and is suitable for all product groups, types of load carriers and warehouse technology, supply chains and industries.

TeDaLoS creates transparency in the supply chain and effortlessly networks companies of different sectors, sizes and ‘levels of digital development’.

With TeDaLoS you improve your distribution efficiency and procurement planning, maximise your customer satisfaction and customer loyalty and reduce your shrinkage, out-of-stock, working capital and latency.

Would you like to find out what advantages automatic stock monitoring offers in your material groups and goods flows? Discover in a non-binding test what information delay and/or quantity differences there are between your target and actual stock. Find out how the warehouse, production, purchasing and finance departments can achieve improvements.

Write to us at [office@tedalos.net](mailto:office@tedalos.net) or use the contact form at [www.tedalos.net](http://www.tedalos.net)!



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