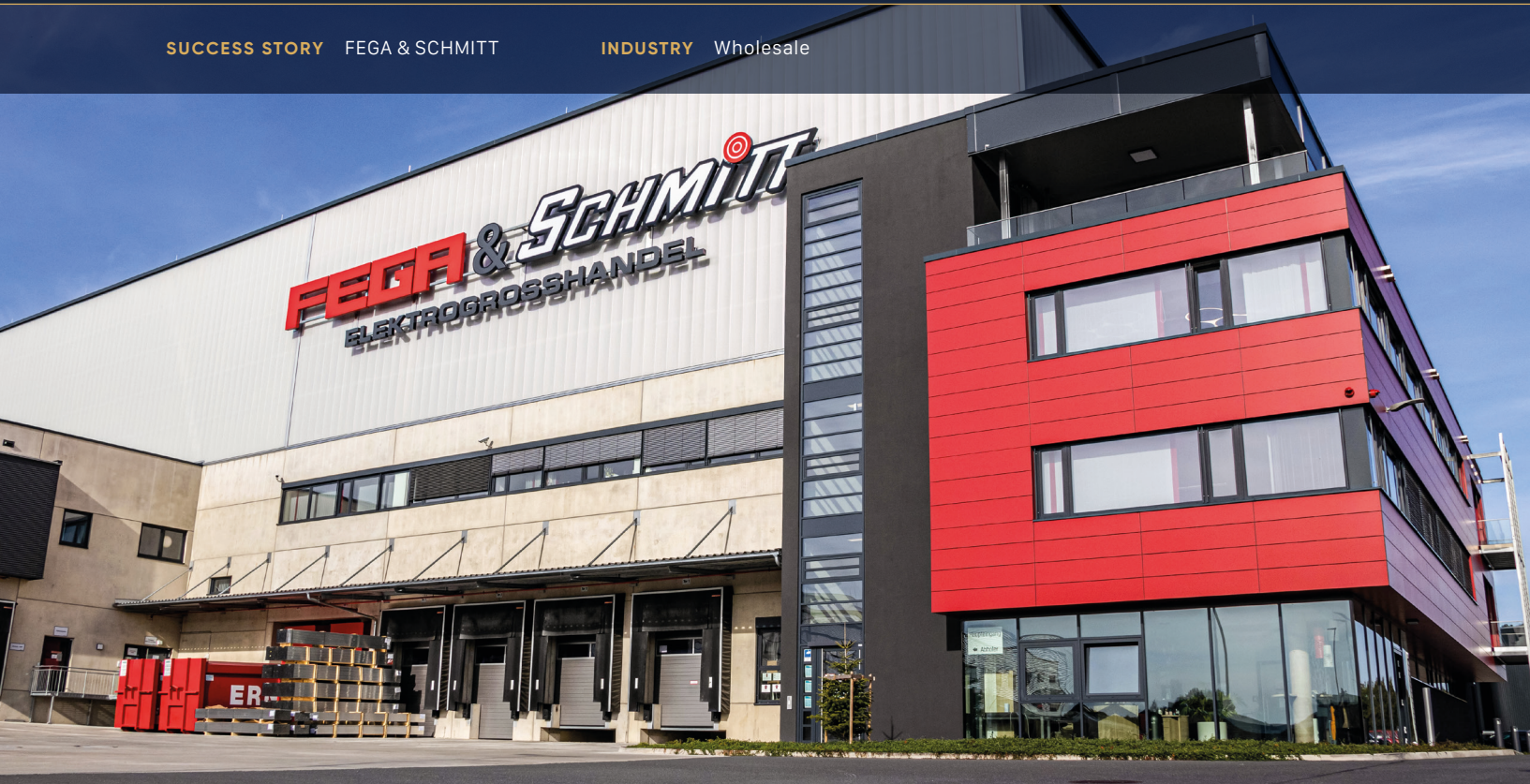


Logistics cost cut by 75 % through smart roll cages

SUCCESS STORY FEGA & SCHMITT

INDUSTRY Wholesale

RESULTS

- + Increased visibility
- + Optimized operational processes and asset turnover
- + Improved transportation efficiency
- + Reduced losses, damages and costs

STARTING POINT

For nearly 50 years, FEGA & Schmitt has supported the German electrical industry by distributing high-quality goods, reliable services, and excellent customer service. Traditionally the wholesale company transported goods across its distribution network on wooden euro-pallets and shrink wrapping the bundle. Freight forwarders shipped the pallets to regional distribution centers, where transporters took over to manage the final delivery to customers.

As the pace of business accelerated over the years, this process became too slow, expensive, and error-prone. Pallets are vulnerable to theft, loss, and damage. The process lacked transparency to let FEGA & Schmitt pinpoint problems impacting the end-user experience. Common challenges included slow pallet return for re-use, incorrect delivery, and lack of pallets available in the right place at the right time for reliable distribution.

BOX ID Ident Data Source

Active Longlife Tracking	<input checked="" type="checkbox"/>
Active One-Way Tracking	<input type="checkbox"/>
Passive Tracking via QR	<input checked="" type="checkbox"/>
Mobile Scanpage	<input type="checkbox"/>
Integration Identsystem	<input checked="" type="checkbox"/>
Integration ERP	<input checked="" type="checkbox"/>



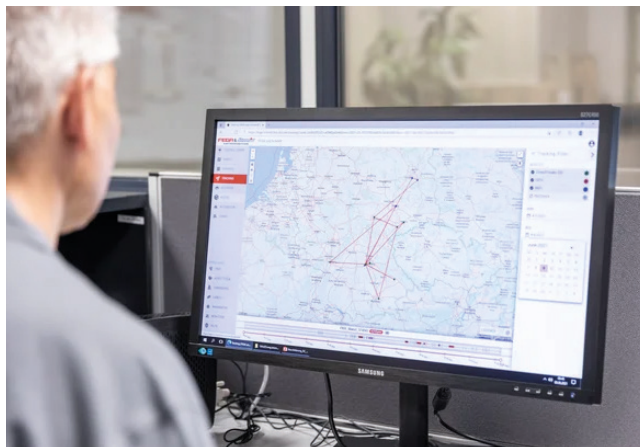
New smart containers allow digitization of the fleet

After researching different alternatives for automated and scalable logistics solutions, FEGA & Schmitt decided for a new returnable container to replace the palettes. The choice fell on Wanzl, a global leader for innovative smart retail and transportation systems for various industries. Wanzl introduced smart roll cages connected to an IoT monitoring, perfectly suited to transport high-priced and sensitive goods. Each cage is equipped with a fit-for-purpose tracking IoT device from BOX ID and connected to the mobile network.

The entire fleet management solution consists of a powerful asset intelligence platform, enabling the intuitive management of container fleets and analytics for providing more transparency in the entire supply chain. The solution also integrated data from other sources, like the ERP system and Auto ID events, to allow FEGA & Schmitt a comprehensive view of its existing distribution network.



Detailansicht Trackinggerät



Cost savings and notable reduction of administrative efforts

The physical BOX ID tracking device is a cost-effective all-in-one solution that remotely monitors and forwards real-time location information the roll cages to the cloud-based fleet management application. Every pre-configured device uses long-life batteries, performing maintenance free over many years. Connecting the roll cages to the solution was seamless and easy.

The intelligent platform is open to integrate data from other tracking technologies, including QR codes, barcodes, and RFID tags, to allow FEGA & Schmitt a comprehensive view of its entire distribution network.

Any time, the team can use the platform to gain end-to-end visibility of all logistics processes and to optimize delivery times. Now, integrated retail customers can access the web application for real-time insights into the location of their individual shipment, which helps to improve the end-user experience drastically and saves FEGA & Schmitt a lot of time for answering delivery time requests.

Permanently monitored and optimized rotations ensure the safe, timely return of the roll cages at a lower cost than the previously used palettes.

»In the past we were often not able to reliably get the transport packaging back which caused high costs and delays. The new smart cages solve both problems and thanks to the BOX ID platform we have a transparent real-time view of our cage fleet and shipments for the first time.«

ROLAND HUBER
PROJECT MANAGEMENT LOGISTICS AT FEGA & SCHMITT

www.box-id.com

wanzl

About Wanzl

Wanzl is the world's largest manufacturer of shopping carts and luggage transport carts. The company offers solutions in a quality without compromise for the business areas of Shop Solutions, Retail Systems, Material Handling, Airport, Access Solutions and Hotel Service.

www.wanzl.com

FEGA & SCHMITT
ELEKTROGROSSHANDEL

About FEGA & SCHMITT

FEGA & Schmitt is wholesale partner in materials procurement for the electrical trade, electrical retailers and industry. The company offers a broad and deep range of goods and reliable logistics in central and southern Germany. Since 1999 FEga & SCHMITT is part of the Würth Group.

www.fega-schmitt.de