

SOLUTION

Data Collection and Digitalization with Label Management

INDUSTRY

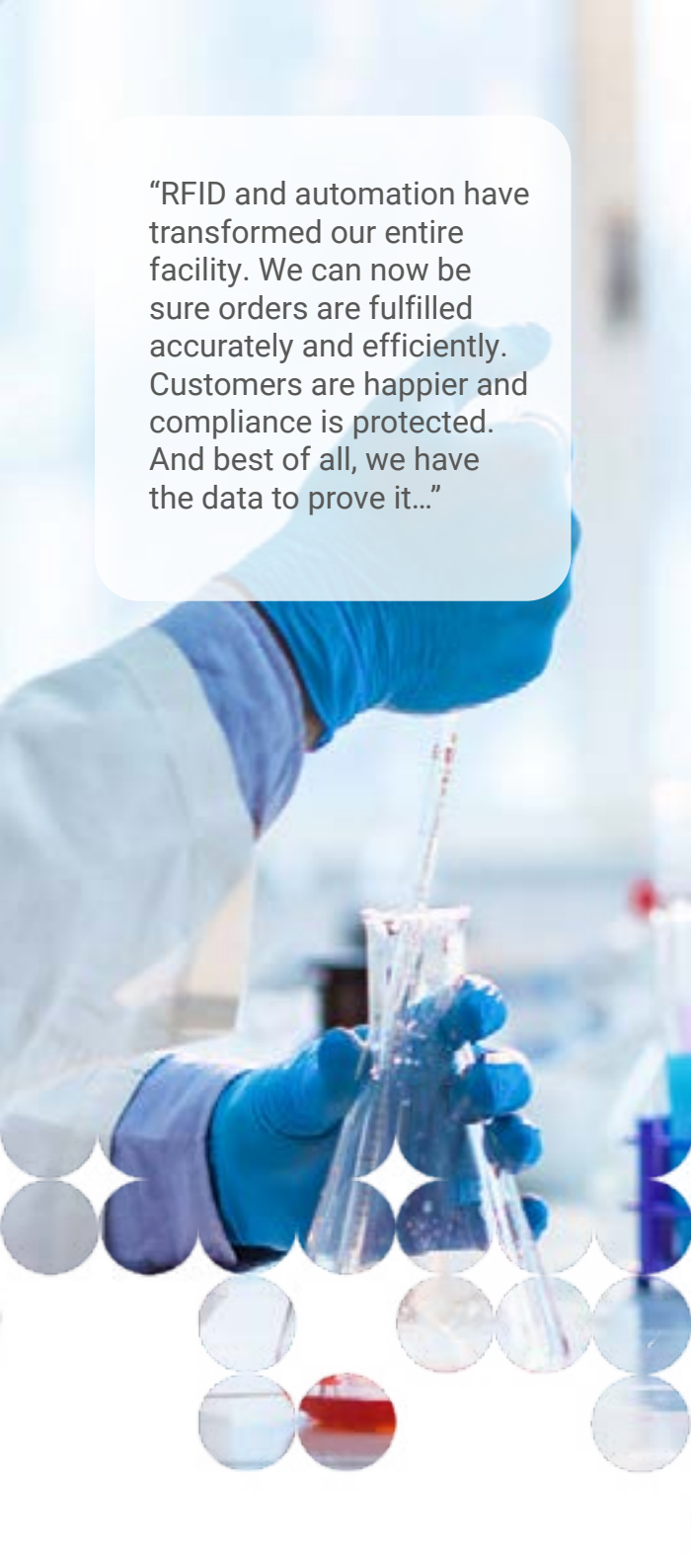
Chemicals

ROLLING OUT EFFICIENCY FOR CHEMICAL MANUFACTURER

FROM MANUAL BARCODE SCANNING TO AUTOMATED RFID TRACKING

A leading chemical manufacturer of consumer protection products was facing issues with inefficient warehouse processes. A manual barcode system had left the company open to picking and loading errors. This was made worse by high workforce turnover and insufficient expertise. There was no system in place to automatically confirm shipment accuracy.

Overloading was also an issue, risking safety and non-compliance. We implemented an RFID-enabled traceability solution, eliminating the need for manual scanning altogether. Today, shipments are automatically verified at every point in their journey. And customers receive accurate and timely deliveries.



“RFID and automation have transformed our entire facility. We can now be sure orders are fulfilled accurately and efficiently. Customers are happier and compliance is protected. And best of all, we have the data to prove it...”

CHALLENGES

- Limited barcode technology dependent on human intervention
- No automatic confirmation of order accuracy or trailer assignment, leading to picking errors, mis-shipments, and overloading
- Significant risk to efficiency, productivity, and compliance
- Lack of visibility and reliable data to mitigate losses and optimize processes

BENEFITS

- Significant increase in inventory and order accuracy
- Greater operational efficiency, workforce productivity, and supplier satisfaction
- Real-time granular traceability across the entire warehouse
- Reduced inventory overages and shortages

SOLUTION

- RFID-enabled Data Collection and Digitalization & Label Management
- Automatic assignment of product rolls to loading dock and trailer
- Automated verification of load status and shipment accuracy
- Data transfer automatically validated for completeness and accuracy

- Trusted data to optimize planning and compliance