



best practice  
intralogistics

## TAKEDA PHARMA VERTRIEB GMBH & CO. KG

Process quality & safety through innovative IT system solutions

### Our Customer

As a research-based pharmaceutical company, Takeda takes its social responsibility in the development and supply of medicines very seriously. From prevention to cure and care, Takeda offers innovative healthcare solutions worldwide that help heal diseases, reduce suffering and gain valuable lives. With approximately 2,000 employees, the four German locations are among the largest locations of the Takeda Group and comprise administration, manufacturing and logistics as well as marketing and sales of high-quality pharmaceuticals and medical products for clinics, doctor's practices and pharmacies.

### Takeda's Challenge

Particularly in the pharmaceutical industry, safety and quality have top priority in production and logistics processes. Errors that can easily occur with paper-based order picking can have serious consequences for patients and cause high costs and time expenditure. A solution was therefore sought to optimise the warehouse management processes to ensure the traceability of medicines, simplify order picking and minimise the risk of errors.

WE ARE THE **SUPPLY CHAIN ARCHITECTS.**



## Our Solution

The ICS software Stradivari® WMS was implemented as an efficient warehouse management solution for the GMP-compliant storage and delivery of finished pharmaceuticals. The control and administration of the material flow takes place in several mobile storage racking systems. It is now possible to centrally control all transports between manufacturing and warehouse.

Through the use of mobile forklift terminals in conjunction with fixed barcode scanners, the physical process is directly booked online into the system. As a result, real-time transparency of processes and stocks is achieved. The implementation of the entire solution, from the WLAN to the industrial IT hardware to the support of the introduction of the software solution, was delivered from a single source.

## The Result

The digitalization of the processes ensured process reliability with regard to the traceability of the production batches. Seamless integration with the existing MES system ensures smooth interaction between the systems. The tailor-made storage strategy for the mobile storage racks accelerates the picking process and therefore considerably reduces costs. The new dialog-guided picking processes in combination with the use of barcode technology have reduced the error frequency during picking to a minimum.

## In a Nutshell

### The Company

Takeda Pharma Vertrieb GmbH & Co. KG  
[www.takeda.de](http://www.takeda.de)

### Industry

Pharmaceutical Manufacturer

### Project Challenges

- Seamless tracking & racing of medicines and batches
- Central internal transport control and optimization
- Development of a sustainably efficient storage strategy

### Solution

- Implemented an efficient warehouse management solution
- Central control of all transports
- Use of mobile forklift terminals & fixed barcode scanners

### Outcome

- Zero error picking & significant increase in productivity
- Process reliability and transparency
- Significant increase in batch tracking quality (GMP)

The ICS Group is looking forward to speaking with you!

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