

Master of production-synchronous sequencing

Rudolph Logistics relies on a tailored WMS at several locations, designed to meet the special requirements of the automotive sector.



Snapshot

Company
Rudolph Logistics

Industry
3PL

Solution
Infios Warehouse Management (WM)

Locations

- Grossmehring, Germany
- Loehne, Germany
- Leipzig, Germany
- Salzgitter, Germany
- Wallersdorf, Germany
- Woerth, Germany
- Wunsdorf, Germany
- Greer, SC, USA

Logistics services with global impact

Since its founding in 1946, Rudolph Logistics Group (RLG) has seen tremendous growth through its specialized logistics service offerings. With 45 locations across Germany, the UK, the US and the UAE, RLG operates over 1.85 million square meters of logistics space worldwide. The company delivers focused expertise across key sectors—automotive, system transport, industry and trade—turning proven strategies and successful projects into real value for customers. That includes some of the world's top automotive brands, for which RLG manages the supply of individual parts.

130K
cross-location stock movements / day

99.9%
delivery quota

For several years now, RLG has relied on Infios Warehouse Management Systems (WMS) across multiple sites. To streamline and standardize logistics processes, Infios deployed a WMS template that's now in use at various locations. The result? Easier software administration, more autonomy for RLG key users to manage configurations, seamless staff interchange between sites and overall greater efficiency across the board.

Meeting requirements in the automotive sector

At RLG locations focused on the automotive industry, a solution was needed to meet its complex, high-precision demands—especially the production-synchronous control of parts for order-based vehicle manufacturing. The cross-supplier compilation of production sets adds another layer of complexity. Infios WM meets all logistics requirements for just-in-time (JIT) and just-in-sequence (JIS) processing across procurement and distribution. With integrated upstream supplier control, Rudolph Logistics manages supply chain procurement on a holistic level.

The location Salzgitter, for instance, manages sequenced production supply for raw parts, purchased parts, semi-finished products and production parts for a leading industrial manufacturer. It also serves as an export platform for worldwide shipping. Infios WM supports the management of around 50,000 shelf spaces and 11,000 pallet spaces, supporting approximatively 85 employees handling 210,000 goods receipt items per year, along with shipping and value-added services. The WMS also drives the complex multi-stage forklift control system, automating internal transport organization to support production and assembly.

At the Niederaichbach site near Wörth a. d. Isar, RLG has managed production supply for a major German car manufacturer since 2019. Across 81,500 square meters of logistics space, around 300 employees handle 19,000 full containers and 4,500 empty containers daily. Infios provided the delivery and installation of hardware components—optimizing manual processes and minimizing order picking errors.



“In Infios we have found a strong partner to create the perfect balance between a powerful standard and individual customizations. As a result, we can not only offer our customers solutions that are quickly ready for use, but also react flexibly to their specific requirements.”

Alexander Achatz
Team Lead WMS IT, Rudolph Logistics

Addressing unique warehouse conditions

The performance of Infios WM is also demonstrated by the approximately 113,000 warehouse movement data that are processed every day by the system (at all system-supported RLG locations). However, special features must be observed at all locations that have required special adjustments to the Warehouse Management System. This applies, for example, to re-sequencing, in which containers that have already been sequenced are re-sequenced and interlinked with other container streams before they are delivered to the assembly line.

The result

Infios WM drives an impressive 19,000 picks daily for RLG's automotive customers. In recent years, the same solution has proven its flexibility across other sectors. In Wunstorf, for example, it now supports the global shipment of advanced battery technologies. This is made possible by a highly adaptable software solution that tracks all goods movements and integrates every logistics player. “Collaboration” sums up the successful partnership between Infios and RLG.