

User Report

# Nordzucker AG digitizes site logistics with myleo / dsc



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Nordzucker in Figures

**Industry:** Food

**Number of employees:** about 3,800

**Annual sales:** 1.4 billion euros

21 production and refining sites in seven European countries and Australia, distribution sites in other countries

**Without sugar, life would be half as sweet at best. To ensure that Nordzucker AG's products arrive at supermarkets on time, the sugar manufacturer has converted its logistics to future technologies. Congestion and inefficiencies on the factory premises are now a thing of the past.**

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## New system sought for transparent site logistics

Together with logistics solution provider leogistics, a state-of-the-art, cloud-based system has now been introduced that relies on the IoT (Internet of Things) and, thanks to geofences, knows an hour in advance which transport is on time. As a result, goods are automatically staged at the right ramp on time. In addition, a significant reduction in the length of the time slots for the trucks' stay in the yard was achieved.

The company, which is headquartered in Braunschweig, also attached great importance to its vision of future-proof logistics planning. Accordingly, over the past few years Nordzucker has approached the digital transformation with a great deal of innovative spirit and a whole range of products from the leogistics portfolio in trusting cooperation.

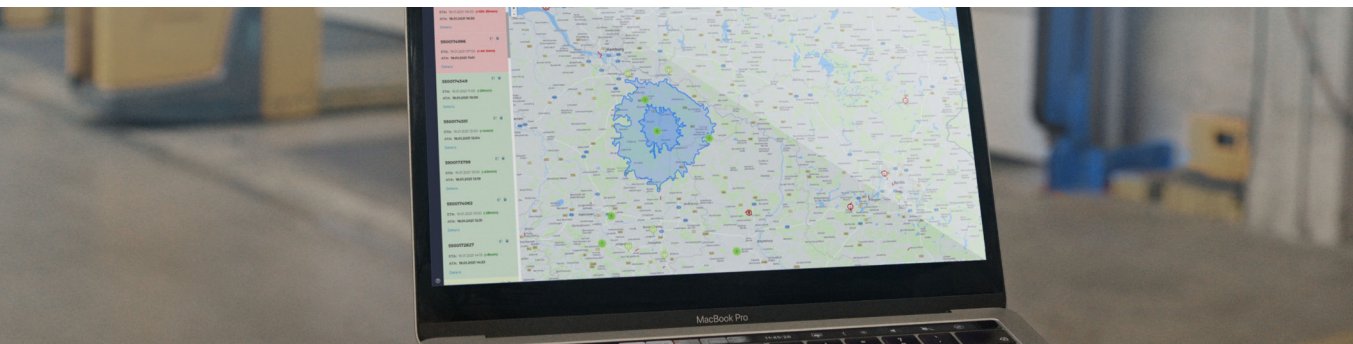


### The solution at a glance

- \* **Yard Management:** leogistics yard coordinates all activities of carriers and means of transport inside and outside the plant premises.
- \* **Time slot management:** Loading and unloading capacities are always kept in view and schedules are planned collaboratively with service providers and suppliers on a single platform.
- \* **myleo / tnt** ensures transparency of processes and assets as well as transport tracking in real time.
- \* Trucks leave the yard significantly earlier since the introduction of automated retrieval processes.
- \* leogistics IoT: To **automate** the process of **truck call-offs**, Nordzucker relies on a currently prototypical sensor-based solution that is being implemented as a leogistics IoT scenario.

## Comprehensive digitization with real-time data

It quickly became clear to the project team that **real-time tracking of the trucks by means of track & trace** was a "must-have" in order to be able to adjust time slots and provisioning from warehouse management accordingly in an agile manner. After the implementation of Warehouse Management SAP WM and leogistics Yard Management, the time slot management and the cloud solution myleo / tnt were implemented. A central component of Yard Management is the transport scheduling module Trans, which contributes to efficient planning by connecting all process participants involved. Only the overall combination enables maximum efficiency.



## Integration is the magic word

Because a lot depends on the logistics partners, more responsibility was handed over to them in the new solution. Now they book time slots in a planning tool and reschedule them in case of problems themselves. In the beginning, drivers still proactively accessed a mobile app to manage their entire tour. In the meantime, **on-board units and telematics solutions ensure automatic recording** and transmission of the respective position. The myleo / tnt track & trace module, for example, follows the route of the trucks from start to finish.

Michael Jansen  
Head of SAP Standard  
Application Nordzucker AG

*„When we chose leogistics, it was not just a matter of selecting a software supplier, but a strategic partner“.*

## Higher loading efficiency thanks to complex calculations by myleo / dsc

If a truck is an hour's drive away from the plant, exceeding the first isoline already triggers the retrieval in warehouse management from a high-bay racking. Triggering the retrieval process by myleo / tnt is based on a set of rules that only allows the process to start if a time slot for the estimated time of arrival has also been booked. The IDoc interface is used to trigger the high-bay racking which automatically removes the goods from storage onto the staging lanes, and to move the pallets to the loading gate.

Where it previously often took another hour after the arrival of the truck to prepare the goods, now everything is already on site when it arrives: That's a considerable difference. With the introduction of the automatic retrieval processes, the truck leaves the yard much earlier and the time slot length has been significantly reduced.

# About myleo / dsc:

Your Digital Supply Chain



**myleo / dsc**, a product of leogistics GmbH, is a digital 360° logistics platform for site and transport logistics. The cloud-based solution covers yard management, delivery control, real-time transportation tracking, container management and time slot management - both as individual components and for holistic mapping of digital business processes in relation to logistics. In order to provide the best solution possible for our customers, myleo / dsc utilises state-of-the-art technologies such as artificial intelligence, machine learning and the Internet of Things where necessary.

More information at [myleodsc.de](https://myleodsc.de)

# About leogistics:

Supply Chain Excellence



leogistics GmbH creates unique and future-proof logistics solutions for its clients. Quality, service and the ability to innovate are at the heart of everything we do. We challenge the status quo of supply chain management and, as strategic partners to our clients, prove time and again that it is possible to improve any process.

With our ideas and software offerings, we are transforming the world of transportation management as well as plant, rail and warehouse logistics. On our way, we leave well-trodden standard paths wherever necessary and, together with our clients, redefine their supply chain operations from start to finish. With business process and application consulting in the SAP environment on the one hand and myleo / dsc, our cloud platform for plant and transport logistics, on the other, we are already shaping the future of logistics today. In doing so, we draw on state-of-the-art technologies such as IoT, AI and machine learning.

leogistics GmbH is a subsidiary of cbs Corporate Business Solutions Unternehmensberatung GmbH and is part of the Materna Group.

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