

**Referenz**

The New Yard Management Solution from **leogistics GmbH** optimizes Traffic on and in front of the **Jungbunzlauer Plant Site**

**Jungbunzlauer**  
*From nature to ingredients®*

Jungbunzlauer gehört zu den **weltweit führenden Herstellern von biologisch abbaubaren natürlichen Inhaltsstoffen**. Der Hauptsitz der Firma liegt in der Schweiz mit Produktionsanlagen in Deutschland, Frankreich, Kanada und Österreich. Jungbunzlauer hat sich auf die Herstellung von Citronensäure, Xanthan, Gluconate, Milchsäure, Mineralsalzen sowie Spezialitäten und Süßungsmittel für die Produktion von Lebensmitteln und Getränken, die Pharma-, Kosmetik- und Waschmittelherstellung sowie die industrielle Anwendung spezialisiert.

## REFERENCE

# The New Yard Management Solution from **leogistics GmbH optimizes** Traffic on and in front of the **Jungbunzlauer Plant Site**

Time and again, raw material deliveries by truck cause blockades on plant premises and congestion on public roads due to seasonal fluctuations. This was also the case at the Jungbunzlauer site, one of the leading biotechnology companies in Lower Austria, where traffic on a busy federal highway was affected. Together with leogistics GmbH, the company implemented a yard management solution within six months to improve traffic on the roads outside, but also inside the yard. This included increasing transparency about people and truck presence on the plant premises and introducing a solution for registration and access control. In addition, truck turnaround times at the loading points were reduced.

## **leogistics solution streamlines yard processes.**

In addition to the construction of a new parking lot with 58 truck parking spaces outside the plant, the shipping office was also moved outside and is now centrally accessible for truck dispatch. This significantly reduces congestion and blockages.

With the **introduction of self-check-in** through components of leogistics Yard Management, truck drivers can now register themselves at the terminals. The loading reference and the drivers' agreement to the company's safety instructions ensure a secure and robust process. Only registered persons are granted access to the site. The leogistics Transport Cockpit allows all events in the yard to be monitored and controlled at all times, while employees always have the option of actively intervening in the process.

Thanks to the **implementation of the new solution, up to 4,000 tons of raw material can now be delivered per day**, with the turnaround time for a delivery being less than five minutes. Dumping and unloading are carried out independently by the drivers. In addition, there is **automatic weighing, documentation by camera, and finally sampling with automatic generation of an inspection lot** in the connected ERP system. After the inspection lot has been checked, the barrier is opened, the vehicle enters the terminal, and the vehicle is unloa-

ded. The check-out at the terminal concludes the process with the opening of the exit barrier after successful outgoing weighing including printing of the delivery papers.

As part of the enhancements for deliveries, the logistics processes in the area of by-products were optimized in parallel. The aim here was to achieve faster, partially automated processing of registration and loading. Thus, the shipping of all by-products generated in production is now included in the existing goods issue processing within this process.

## PROJEKT- VORTEILE

- ✓ Kaum Rückstaus und Blockaden
- ✓ Verkürzung der LKW-Durchlaufzeiten (< 5 min)
- ✓ Erhöhung der Transparenz über Personen- und LKW-Anwesenheit auf dem Werk, proaktives Eingreifen möglich
- ✓ Selbstregistratur inklusive Sicherheitsbelehrung der LKW-Fahrer:innen durch leogistics Yard Management-Lösung
- ✓ Abbildung und Steuerung aller Prozesse in leogistics Yard Management-Lösung
- ✓ Automatische Verwiegung, Dokumentation per Kamera mit anschließender Probenentnahme
- ✓ Schnellere, teilautomatisierte Abwicklung von Registratur und Beladung im Bereich Beiprodukte

## Extension of the goods issue solution to another warehouse

As part of another sub-project, the operational implementation of the logistics processes in the area of shipping was to be carried out for a newly built warehouse. Specifically, this involved the loading process for Xanthan and a three-gate warehouse that was integrated into the existing yard process.

**Container deliveries** are now **handled by rail**, with internal transfer of containers to the Xanthan loading point by internal trailer using components of leogistics Yard Management. This means that the **containers can be registered, linked to the internal trailers** and then retrieved in the warehouse **by pager**. The opening of the plant barriers also takes place via this. The containers at



the loading point can then be loaded without waiting for the truck, with a message again **appearing on the pager when final loading** is complete. Finally, the trailer can be picked up and taken to the rail loading site.

## Agile project management and short implementation time

The **first project** at Jungbunzlauer in particular was characterized by an **extremely short implementation time**, which was realized in particular thanks to the efficient and agile project management of the team between the biotechnology manufacturer and leogistics GmbH. In addition to process analyses and documentation and the creation of a business blueprint with technical specifications, weekly status meetings and regular on-site appointments were also meticulously adhered to. leogistics' own **project methodology, leoprojects**, ensured a smooth process without any subsequent changes, particularly through the intermediate feedback rounds. The **final go-live** finally took place **exactly on the appointed day** - a great success for the project partners.

With the implementation of the last production line, **all processes are now mapped in the leogistics Yard Management solution** and the Jungbunzlauer Austria AG yard is completely managed by the software. In order for the other Jungbunzlauer plants to also benefit from the automation, transparency and fast processing, **the solution will be rolled out to other locations in the next step.**

Hans Günther Wenk  
CIO Jungbunzlauer  
Suisse AG

*„We were convinced not only by the results, but above all by the way leogistics GmbH works. We wanted to make initial progress in the project quickly, and we succeeded thanks to the pragmatic approach and great cooperation.“*

# Über leogistics:

## Supply Chain Excellence

leogistics<sup>®</sup>

Die **leogistics GmbH** schafft für ihre Kunden einzigartige und zukunftssichere Logistiklösungen. Qualität, Service und Innovationsfähigkeit stehen dabei im Mittelpunkt unseres Handelns. Wir stellen den Status Quo des Supply Chain Managements in Frage und als strategische Partner unserer Kunden immer wieder unter Beweis, dass man jeden Prozess verbessern kann.

Mit unseren Ideen und Softwareangeboten transformieren wir die Welt des Transportmanagements sowie der Werks-, Bahn- und Lagerlogistik. Auf unserem Weg verlassen wir wo immer notwendig ausgetretene Standardpfade und definieren mit unseren Kunden auf Augenhöhe deren Supply Chain Operations von Anfang bis Ende neu. Mit der Geschäftsprozess- und Anwendungsberatung im SAP-Umfeld einerseits und der myleo / dsc, unserer Cloud-Plattform für Werks- und Transportlogistik, andererseits gestalten wir schon heute die Zukunft der Logistik. Dabei greifen wir auf State-of-the-Art-Technologien wie IoT, KI und Machine Learning zurück.

Die **leogistics GmbH** ist ein Tochterunternehmen der cbs Corporate Business Solutions Unternehmensberatung GmbH und gehört zur Materna Gruppe. Mehr Informationen unter [www.leogistics.com](http://www.leogistics.com) und [www.myleodsc.com](http://www.myleodsc.com)



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