CIM LOGISTICS SOFTWARE SPECIALISTS

PROLAG Shipping
Getting your goods to the world

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Professional
Warehouse
Management
Software
since 1985

PROLAG
Shipping
Getting your goods to the world

The **PROLAG Shipping** system accompanies your goods on the optimum route from goods issue to transportation. The software is the perfect fit for any type of intralogistics, an end-to-end solution covering all steps from choosing packaging and importing address data through selecting shipping providers and loading shipping units. Freight cost optimisation, hazardous goods handling, track & trace and a host of other intelligent features speed up outbound processes and support your company's individual shipping processes.

The software provides optimal support for all your shipping and export processes, no matter how large or small your dispatch area is and regardless of whether your warehouse is manual or automated: **PROLAG Shipping** features a modular design and can be easily adapted to your company-specific requirements. The solution is scalable with interfaces to a number of ERP systems, weighing machines, labelling systems and PLCs.

"A shipping system?"
The boss looks at the carrier with a puzzled
expression. "What's the point of that?
I've already got an ERP system that's constantly
telling me what to do."
The carrier glances at the pallets stacked metres
high at the goods issue area.
"Well, my load's in there right at the bottom
somewhere", he says cautiously.
"And I already registered the tour this morning ..."
The boss doesn't seem to be listening anymore.
The kanban's empty again in production,
he can hear someone calling for him, and he
urgently needs to replenish stocks.
He jumps onto a forklift and leans forward to
speak to the carrier:
"Just take whatever you need.
I'll soon notice if anything's missing when it's
time for stocktaking."
As the carrier walks towards the forklift,
the boss takes a furtive glance at his smartphone.
Maybe the internet knows of some software
solution that would solve the company's shipping
problems?

PROLAG Shipping

–   Dispatch handling through a host of CEP service providers, hauliers and freight forwarders

–   Multi-carrier and multi-depot capability

–   Integrated packing area with fast packing and pick & pack

–   Easy connectivity to warehouse automation technology

–   Standardised interfaces to all common WMS and ERP systems

–   Safe carriage of hazardous goods by road, rail, air or sea

–   Interface to ATLAS

–   Weight calculation

–   Automatic printing of all relevant freight documents and shipping papers

–   Freight cost optimisation

–   Track & trace

–   Integrated business intelligence tools

–   Shipment assignment and intelligent loading

–   Dispatch area and data transfer

–   Certificate of entry in compliance with legal requirements

Optimal support for shipping and export

PROLAG Shipping – suitable for all areas of intralogistics

PROLAG Shipping completes the **PROLAG World** intralogistics suite and is a core element of your intralogistics. It ensures that the picked goods arrive at their recipient reliably and using the most cost-efficient method. **PROLAG Shipping** can be integrated into your existing software landscape using standardised interfaces or easily added to our warehouse management software **PROLAG WMS**. In addition, the functions can be expanded as needed – the software is modular and can be configured to meet individual requirements. It is a fully scalable solution, in other words. The browser-based system architecture allows an intuitive and responsive interface. Not only is it available for all common mobile devices, it also eliminates the need for separate client installations.

With its multi-carrier capability, **PROLAG Shipping** can automatically handle multiple shipping service providers at the dispatch area, such as DHL, UPS, GLS, and TNT. The multi-depot functionality allows you to manage multiple warehouse locations or depots and coordinate shipping processes between these locations. This is a great benefit if your company has multiple warehouse locations or branches which process and ship orders from different sites. **PROLAG Shipping** can significantly optimise processes across the entire spectrum of your logistics operations.

– MODULAR – CONFIGURABLE – SCALABLE

Faster goods issue – all the way from picking to loading

As a provider of intralogistics software, speeding up the outbound goods process is one of our main goals. This makes **PROLAG Shipping** a key component of our **PROLAG World** software suite. The shipping software is closely interlinked with your warehouse management processes and workflows and uses all the data available to optimise the shipping process. Warehouse and shipping processes are therefore closely intertwined.

All processes in the warehouse – from picking to consolidation, packing, inspection and loading – are based on the method of shipping and on carrier and customer requirements. Applied properly, the synergies of **PROLAG WMS** and **PROLAG Shipping**
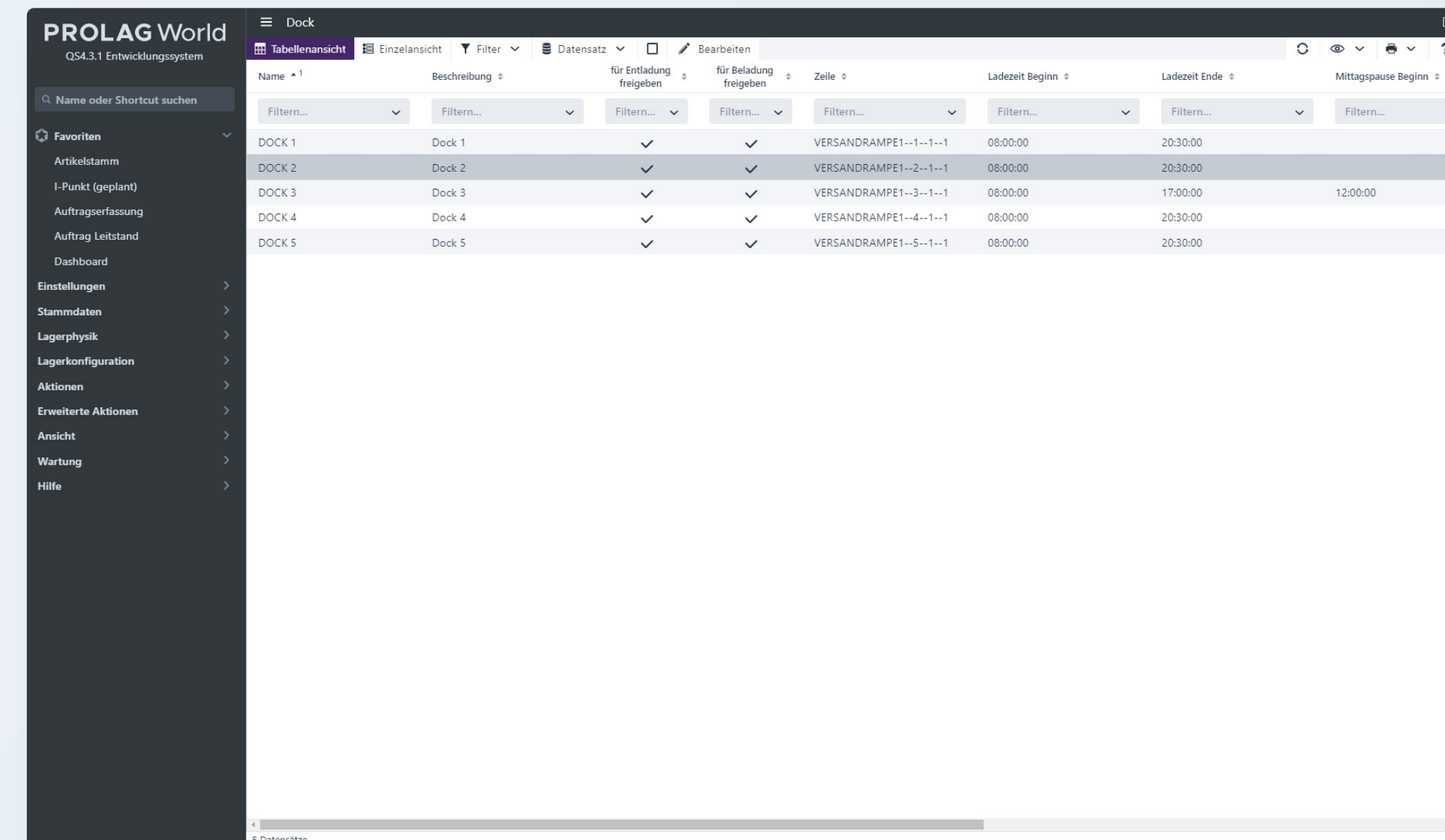
allow warehouse processes to be managed from the outset to meet the requirements of the respective shipping method. Each shipment goes through the necessary checks and is assigned the right packaging, labelling, data transfer formats and shipping documents for the respective CEP service provider or freight forwarder. **PROLAG Shipping** communicates the method and time of shipment as early as the order picking stage. It proposes the most suitable and cost-effective CEP service provider or freight forwarder. Picking is based on tour or loading meter and factors in the time of dispatch and the delivery date – which can be of great value in the final phase of goods issue.
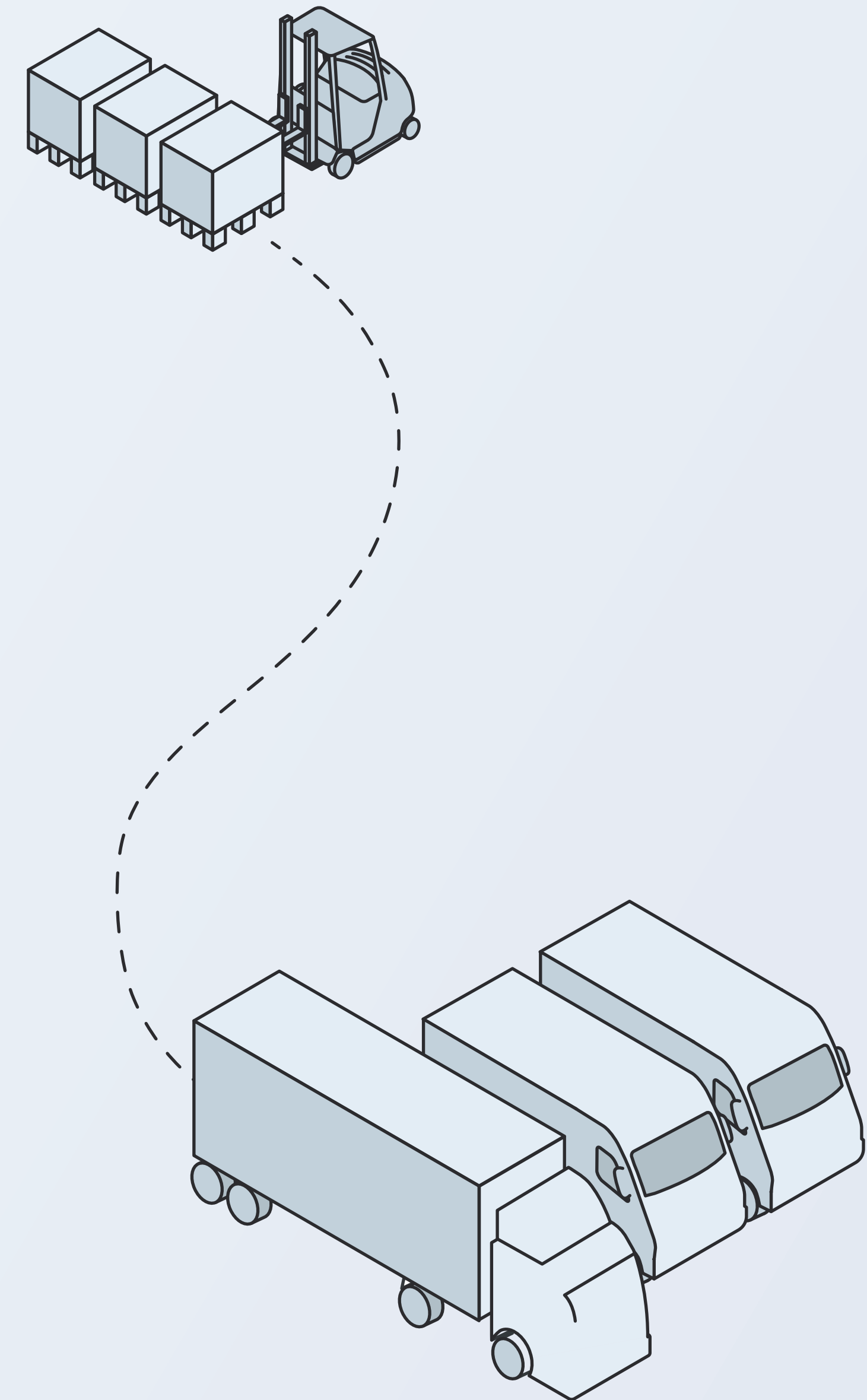
Integrated packing area
for maximum optimisation

A central feature of our **PROLAG Shipping** software is the integrated packing area. The logic implemented offers high optimisation potential for the packing and shipping process. All processes are flexibly and consistently managed by the shipping software, from grouping packing units to handling of partial quantities and checking of weight tolerances for shipping.

The system also provides a fast packing mode for shipments with identical order structures. This considerably speeds up the packing process, which in turn measurably improves throughput at goods issue. If the statistics predict an increased volume on certain days, this is handled using the pre-packing mode. Items can be pre-packed, even though they will not be shipped until a later date, and the system still ensures that they are delivered on time. At the same time, capacities are freed up at the packing area and across goods issue at peak times.

Flexibility and consistency across all processes.

Get your packing right with some help from the system

The versatile user options in **PROLAG Shipping** mean that is easy to make corrections and modifications to the packing process. Boxes with unusual dimensions or pallets with protruding elements can be easily created in the system as packing units. The solution can help save time and reduce costs by displaying a graphic display showing the exact location of the most suitable packing unit for a purchase order. Not only does this save valuable search time, but the system is guaranteed to select the most suitable packaging for the relevant item. This saves packaging material as well as costs. **PROLAG Shipping** also offers a Pick & Pack option to pack the goods appropriately during order picking and prepare them for shipment.

Last but not least, **PROLAG Shipping** handles the printing of shipping labels and other required documentation. This includes more than just delivery and cover address data. If you work with a hazardous goods and materials management system such as the **PROLAG Hazmat** solution, **PROLAG Shipping** ensures compliance with international regulations based on the hazardous goods class and transport type. Again, the system is familiar with the transport requirements and selects the appropriate packaging types accordingly.
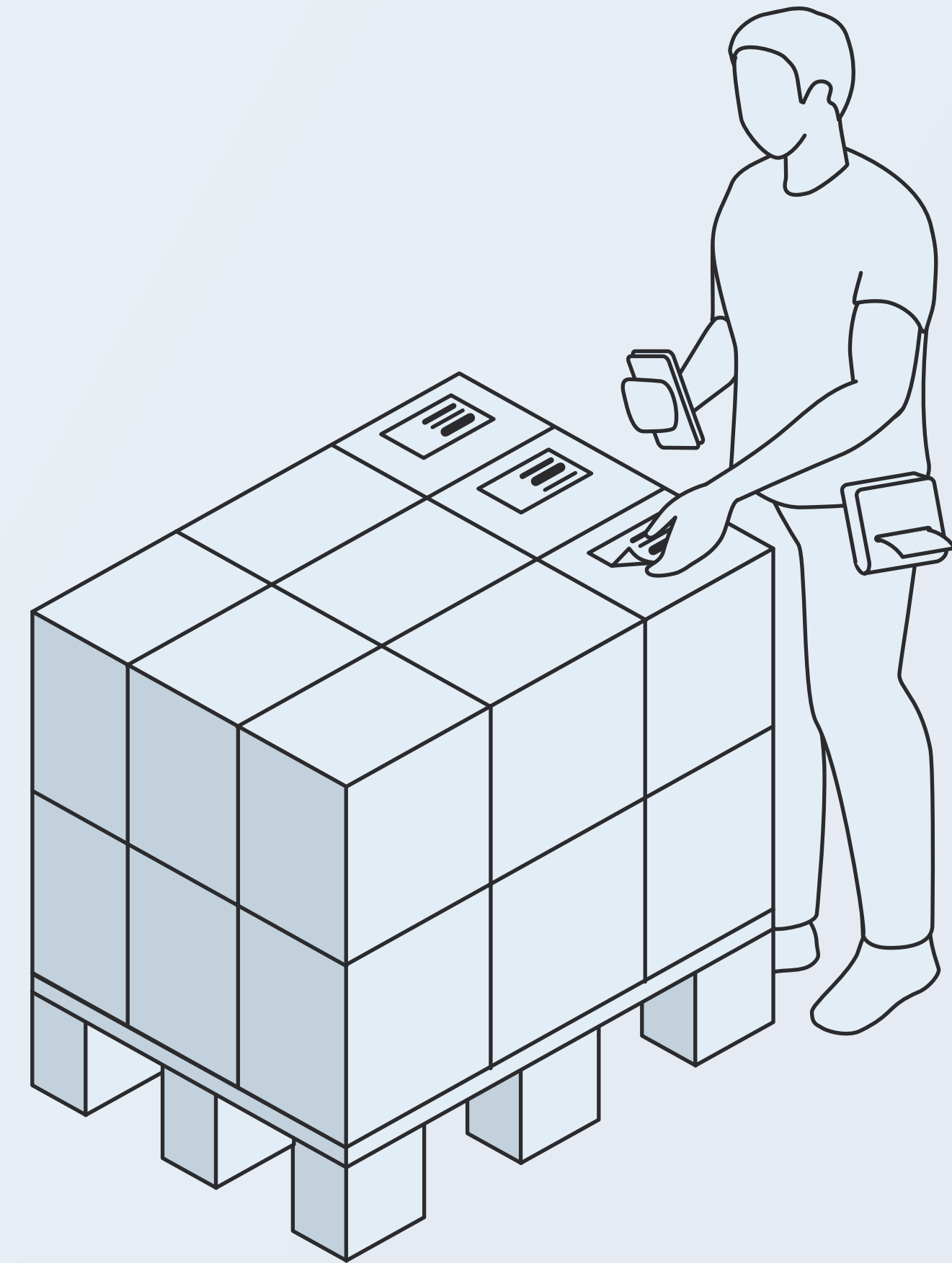
Loading with freight cost optimisation and intelligent transport planning

In order for the system to optimally support the loading process, we have developed a special packing algorithm for **PROLAG Shipping**. The algorithm determines the optimal filling level of a transport vehicle (lorry or container) and proposes a loading sequence for the pallets and containers. This optimises the use of space on the transport vehicle and can also be beneficial for **PROLAG Transport**. Our mobile app, **PROLAG Go**, can be used to take photos and display loading directives and schedules, making your shipping processes even more effective and secure.

Right up until loading, **PROLAG Shipping** handles communication with all the common courier, express and parcel service providers (CEPs) and forwarding companies. Each shipment receives the appropriate packing labels, freight lists and delivery papers. **PROLAG Shipping** creates all required documents and accompanying papers in various different formats including paperless formats such as email, SMS or RFID. The CEP service provider or carrier with which the shipping unit is to be dispatched can be determined by **PROLAG World** or the ERP system. Alternatively, **PROLAG Shipping** offers freight cost optimisation to determine the most cost-efficient provider. Using this feature, the software determines the most suitable and cost-effective CEP service provider or freight forwarder based on parameters such as the weight and volume of the goods, parcel and shipment dimensions and freight tables. The costs of the service providers for each order are also a factor. Thanks to freight cost optimisation, it's easy to make valuable savings in your intralogistics with a minimum of effort.
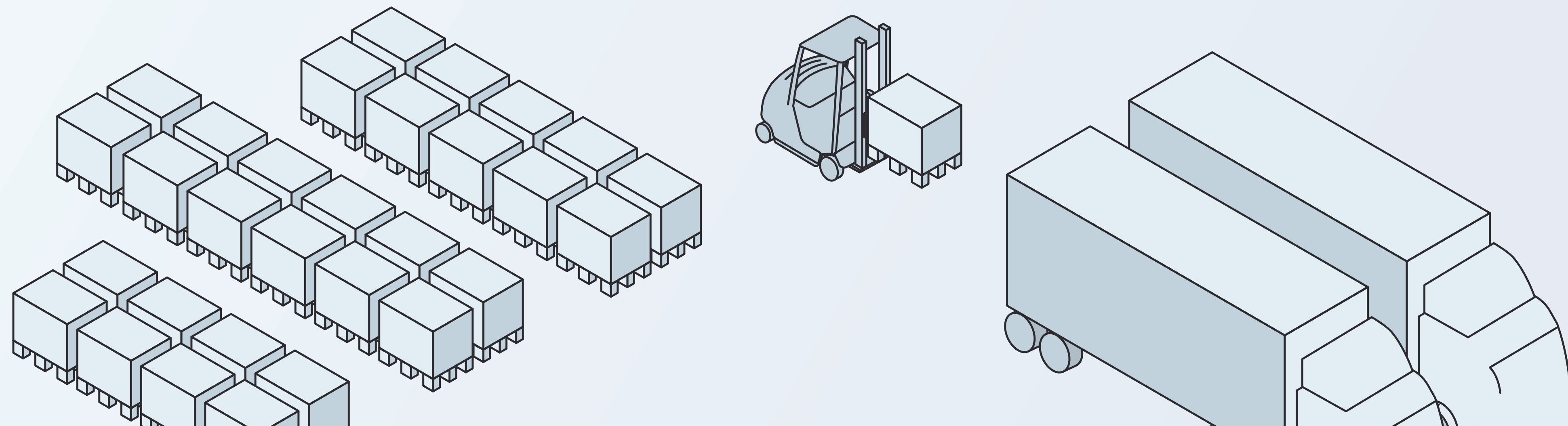
Simple customs clearance with ATLAS

To simplify international transportation, **PROLAG Shipping** handles customs formalities by exchanging data with the standard electronic **ATLAS system**. The customs declaration is integrated into the user interface of **PROLAG Shipping**.

All relevant shipment data is taken from the article master and the shipping processes and registered in the **ATLAS system** using a unique identification number (MRN). Export documents are transmitted to the carriers automatically. Compliance with customs regulations is guaranteed and all shipment movements are documented in full, meaning that dutiable goods are fully traceable.
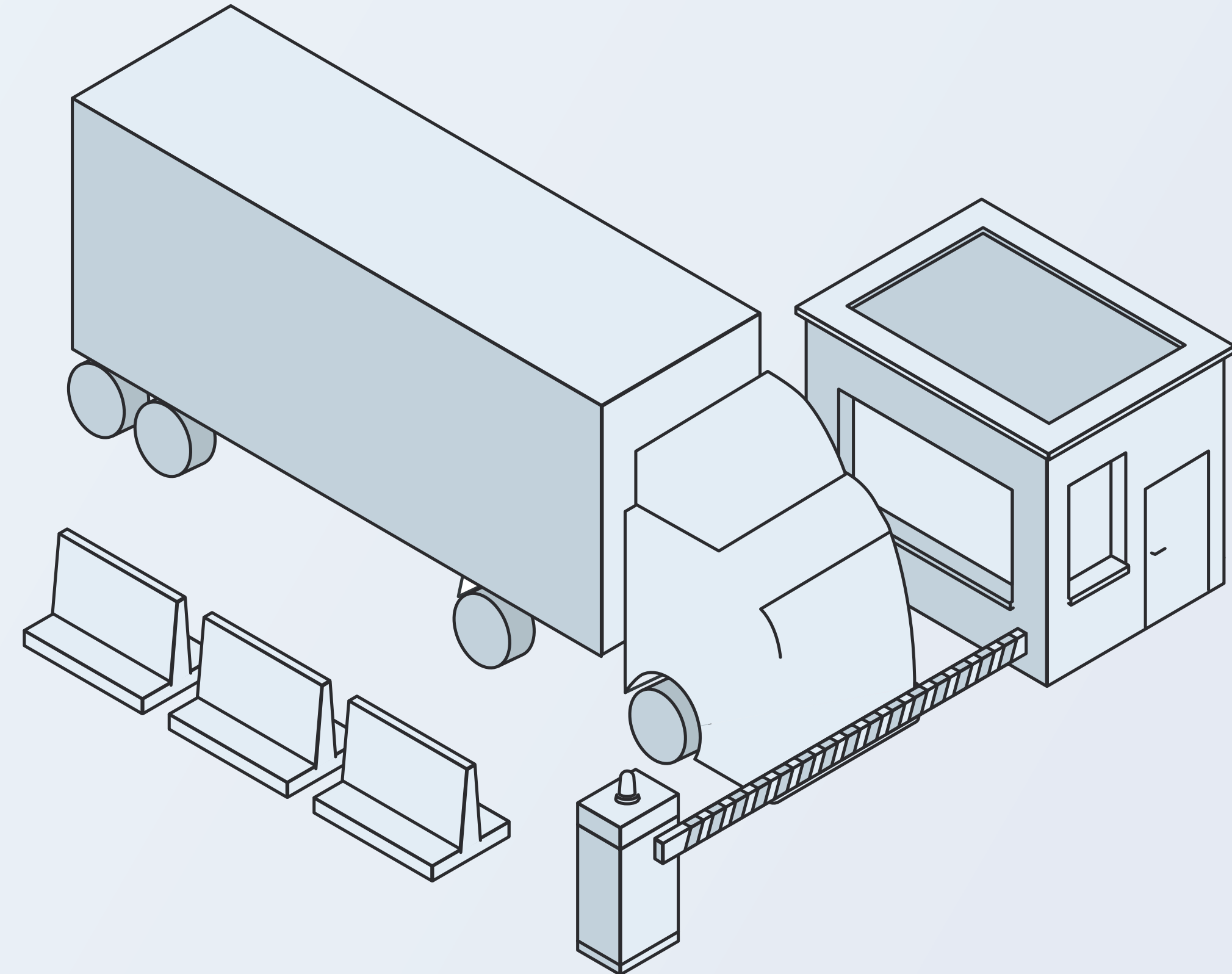
Transport vehicle management with dock management

To make the shipping process as holistic as possible, **PROLAG Shipping** provides dock management as an extended feature. The system manages the loading bays in the warehouse through an interface to **PROLAG WMS**. It helps to place transport vehicles at a specific dock at a specific time, for example. Dock management includes functions such as advance shipping notification and time slot management, signing vehicles in and out of docks, vehicle identification and administration, loading bay scheduling and gate allocation.

Once a shipment has been finally closed, **PROLAG Shipping** automatically forwards the daily shipment data to **PROLAG World** or the ERP system. Daily closings are sent electronically to each parcel delivery service via remote data transmission. All relevant data is exchanged with the carriers through interface communication with the forwarders' transport management systems. On request, the system can send an automatic shipment notification and also provides shipment tracking capabilities.
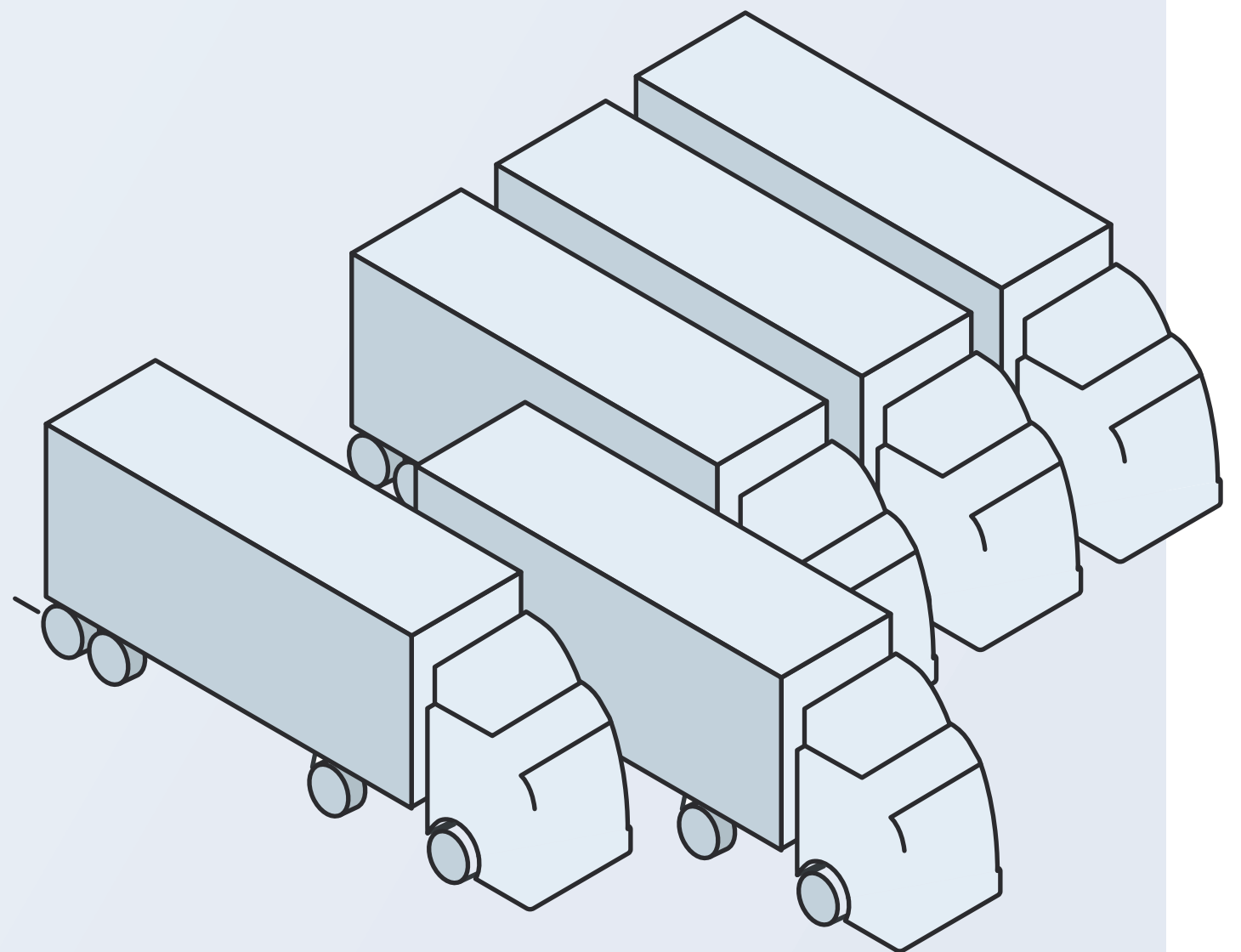
Data analysis for returns management and business intelligence

PROLAG Shipping's comprehensive documentation functionality allows the analysis of shipments and orders. A variety of different data can be prepared in our business intelligence tool and viewed by users at a glance. What's more, **PROLAG Shipping** logs every shipment and parcel in the system, meaning that all processes are transparent and traceable. This data can be used to optimise returns management in a connected WMS, for instance.

Optimised returns management with PROLAG Shipping.

References

SBB CFF FFS

DIE.POST

M Munich Airport

getränke geins

ProReServ
PROFESSIONAL RETAIL SERVICE

ROYAL CANIN
WISSEN UND RESPEKT

CASIO

doka

DB SCHENKER

sigel
work inspired

HOCHDORF
Swiss Nutrition Solutions

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... and more

CIM GmbH

Livry-Gargan-Straße 10
82256 Fürstenfeldbruck

📞 +49 8141 5102-0
@ info@cim.de

CIM GmbH
Münster Office
Wolbecker Windmühle 67
48167 Münster

📞 +49 2506 30615-0
@ info@cim.de

CIM GmbH
The Netherlands Office
Prinses Margrietplantsoen 33
2595 AM Den Haag

📞 +31 (0) 70 450 002-0
@ info@cim-logistics.nl

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