
Track capacity management for port railways

zedas cargo
There is a reason for success

Since its founding in 1990, the company has made a name for itself in the railway industry as a software specialist for logistics and asset management. Today we serve and support our customers right across Europe from our company headquarters in Senftenberg.

In addition to the development and implementation of an individually adaptable standard software for logistics and asset management, we also offer our customers a wide variety of services relating to the introduction of our software solutions. These include professional project management, expert advice and training users. We provide our customers with the software using a stable, secure and high-performance IT infrastructure as a hosting service on request.

You receive services and support round the clock and directly from us as the manufacturer of the software solution, without any detours – we call this zedas® first-class support!

We closely monitor what the very latest technological developments are and maintain close contact to our customers. Our software solutions can be individually adapted to our customers’ requirements and this helps to guarantee the highest efficiency and profitability.
Expertise pays off

Railways have great potential as an environmentally-friendly mode of transport. Sea and inland ports are an efficient interface for railway transport into the hinterland.

Increasing transhipment volumes and the many parties involved in the process call for a high degree of coordination between the port authority, railways and terminals to enable the effective use of track capacities.

As an industry partner for many years we are very familiar with the requirements in a port’s shunting traffic. On the basis of our expertise, we have developed the zedas®cargo software solution which digitalises, synchronises and documents all the processes from train registration to billing. The railway processes can be managed much better in the harbour. And as a result the track capacities will be optimized. The traffic flow in the port is improved and unnecessary waiting times are minimised. At the same time, the efficient solution integrates all the partners involved in the process and ensures transparency and an accurate basis for billing.

Functional overview zedas®cargo

Customer portal
- Booking requests
- Bookings
- Cancellations
- Track calendar
- Upload wagon data
- Invoices

Planning and scheduling
- Contracts and tariffs
- Operation planning
- Booking approvals
- Acceptance wagon data
- Manoeuvring procedures
- Track occupancy

Invoicing
- Usage fees
- Additional services
- Cancellations
- Credit notes
- Invoices
- Controlling
The digital gateway to the port

Our web portal is the new “digital gateway” to the port for railway undertakings. Enquiries regarding the use of the infrastructure can be captured electronically, coordinated and approved by the port. All the booking information is displayed individually in a “track calendar” for every railway undertaking. Standardised train announcements can be uploaded to the portal using an upload function, thus providing the port with the train and wagon details for planning. A glimpse at the invoice transparently shows all the booked services of an order ensuring that it is easy and quick to check. Employees at the port and railway undertakings have a modern shared communication platform with high quality data with zedas®cargo.

Whether the mobile device is a tablet or smartphone. Our portal can be used on all devices with the usual operating systems, such as Apple iOS, Google Android and MS Windows so that railway undertakings can flexibly and simply access all the relevant information.
Transhipment volumes in ports are continuously growing. The demands on employees at the port to efficiently manage booking enquiries and utilise track capacity as fully as possible are correspondingly high.

With the zedas®cargo industry software, the dispatcher always has access to all the data for the provision of the required resources and smooth traffic flow management. The use of the track capacities can be planned and coordinated in the day-to-day business much more easily than before. The improved utilisation increases profitability and provides the basis for further volume growth. Verification for the railway undertakings and regulatory authorities are simple possible.

All the enquiries received by the railway undertakings are centrally dispatched, approved and booked by means of Gantt diagrams. The bookings can be linked to the required technical information of the train and wagon as well as the load details. A clear map of the tracks provides the current track occupancy on the network. The operations planning staff can always see the current use of resources and can document the railway undertaking’s shunting processes in the solution. A component for tablets and smartphones allows any location changes in the port to also be documented on mobile devices, even by the railway undertakings itself.

Interfaces with the railway undertakings (EDIFACT, XML, HERMES), wagon recognition systems, axle counting systems and container terminals supplement the solution and are the basis for more process improvements through digitalisation.
Precision at the press of a button

Usage fees can be automatically calculated easily using the industry software from ZEDAS as all the information from the booking and operational processing is available. All the parameters are provided for controlling and further analysis.

The calculation of usage fees is based on the customer agreements and rates. Manual additions, amendments as well as cancellations and credits can be carried out, as required. A detailed invoice guarantees that all the services provided are transparent and comprehensible for the customer.

The zedas®cargo range of services also includes linking it up to other systems for accounting using appropriate interfaces, on request.
How to tap into the existing potential!

With zedas®cargo, we have a comprehensive range of options to retrieve standard and individualised analyses. Key figures and analyses provide you with well-founded information for profitability and process optimisations. Existing bottlenecks can be identified and improvement potential can be recognised for efficient resource management. Modular universes provide you with the option of flexibly creating your own reports and analyses. In addition to this, reports can be drafted in a time-controlled manner and sent automatically. The data export to Microsoft Excel is part of the standard functionality.

Five strong reasons to choose zedas®cargo

- Up to date communication platform with high quality of data
- Efficient planning and disposition of track capacity
- Ongoing and transparent presentation of track occupancy
- Standard, digitized and documented processes
- Simple determination of user fees, statistics and key data