Dresden Informatik GmbH

di:*A*Log *yard*

Yard Management System

:A clear perspective at the factory gate and platform

Time slot management

Optimal resource planning

Flexible disposition

:The situation

Providing all material on schedule is an indispensable precondition for the modern production. Hence the coordination of the transportation vehicles in the goods receipt and distribution areas often becomes a crucial bottleneck.

Usually following causes can be observed:

- changes of deliveries from “important” to “less important” and vice versa on short term
- compensation of non-plannable delays e.g. by traffic jams
- Inadequate eligibility of storage facilities for the modern freight traffic
- Insufficient storage place in the factory and directly in front of the factory gates
- Low mobility of trucks on the yard due to increasing vehicle units
- Higher turnover frequency and larger vehicle fleets
- Problems with communication with foreign-language drivers

From “somehow” to “certain”

These tendencies lead to the result, that the daily platform and vehicle management is often connected to the hope of that it will “work somehow”. In order to transfer this “somehow” into a “certain”, Dresden Informatik GmbH developed the Yard Management System **di:*A*Log *yard***.

Optimization by transparency

- Display of all delivering or picking vehicles on monitors in the goods receipt, distribution and plant security areas
- Automatic visualization of a loading status by different colors

:The solution

Principle

- Reservation of the time frame (one-time or periodical recurring time slot)
- Shipping companies, license plates and the amount of the carriers to be delivering and / or picking are being registered at the gate.
- All vehicles are being announced to the schedulers in the goods receipt and the distribution areas. The scheduler decides about the priority and determines the platform.
- The vehicles are called to the appropriate platform via SMS on the cell phone or via pager message.
- Registration of the loading situation at the platform
- Inlets and exits are being registered (as option automatically e.g. by means of RFID)

Your advantages:

- Optimal degree of capacity utilization in goods receipt and the distribution areas
- Minimization of waiting times
- On schedule goods provision
- Ideal coordination of the transportation vehicles in the “waiting loops”, on large distance, as well as at the loading platforms
- Information exchange between the goods receipt, distribution and plant security / gate keeper areas
- Simple usability
- Enlargement of the security at the factory premises

Statistics

- Waiting and loading times of the vehicles
- Adherence of time frames
- Use to capacity at platforms
- Communication statistics
- Export of time frame information to Excel

Dresden Informatik GmbH

:Comprehensive solution from one source

Our supply and service range comprises software, hardware, modules and complex systems for the optimization of any material and goods flows within the company as well as consulting and project management. Certified interfaces set stable connections to SAP or other ERP systems.

Dresden Informatik Advanced Logistics Suite

di:ALog *warehouse* - the innovative warehouse management
di:ALog *material flow* - the material flow calculator
di:ALog *yard* - the yard management system
di:ALog *automation* - automation in the warehouse
di:ALog *track&trace* - package and goods tracking
di:ALog *kanban* - the modular eKANBAN solution
di:ALog *link* - the intelligent IoT-Middleware
di:ALog *mobile* - the Mobile Data Capture

Hardware

Barcode technology
RFID technology
Mobile data capture devices
PCs and server applicable for industry
Network and WLAN technology
Warehouse and tracking technology
Specialized solution

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