



Logistics software for rail maintenance

ECHO at Infraleuna

All processes in one system: since 2008 ECHO is used at InfraLeuna GmbH. Next to modules for damaged wagon management and wagon management over time also modules for workshop operations were build and for mobile operations an app was developed. Currently modules for the cleaning business are getting incorporated.

InfraLeuna runs the infrastructure facilities of the chemical facility Leuna, which was privatised in the 1990s. The areal covers an area of 1.300 hectares, which annually 280.000 tank wagons carrying 12 million tons of goods, are passing through. On the site, more than 100 companies like BASF, DOMO, Linde and TOTAL reside and approx. 9000 people are working. The enormous traffic volume required a system, which supports the active site management services in a beneficial manner. InfraLeuna decided towards ECHO by Aprixon Information Services, to progressively plan and maintain the processes in an integrated system.

The implementation of the first subsystem - the damaged wagon management - began as a short termed sprint. An impending major order for InfraLeuna demanded a short term implementation of the software. Consequently the programming had to be done within two months after the order, which was not an easy task since it has been a new development. But the challenge was met and so it was possible for InfraLeuna to start running the new system on the 1st of July 2008. Since this day the goal of the damaged wagon management

is to coordinate all activities required to optimise the operational readiness of damaged wagons. Additional to a performance recording the system offers modules for status reports to the business partners, auditing, reports and statistical evaluations. A key element of the system is the feature of passing the expenses to the responsible party via a SAP-interface. This addresses the complex responsibilities of the rail freight traffic.

Over time more modules were added to ECHO, such as the workshop operations. ECHO also contains warehouse management, functions to create and send client specific data, a module for service accounting, plus numerous interfaces to other systems. An app has been developed which is used on-site for mobile wagon and damage recording as well as for the creation of repair orders.

In 2015 the system will be supplemented by a fourth module, which addresses the cleaning operations of the tank wagons and road vehicles. This module will be activated in 2016 and will be adding to the ongoing improvement of InfraLeuna's quality of service.