Digitalization of business processes in railway logistics

One of the trends of "Logistics 4.0" is a closer networking of enterprises, partners and customers.
The railway industry solution zedas®cargo offers a support with an automated Estimated-Time-of-Arrival calculation
for transportation orders and includes a message dispatch that can be configured by the customer.

■ zedas®cargo enables enterprises of the rail freight traffic sector to plan, supervise and bill transports more efficiently and more transparently. With the use of mobile applications for tablets and smartphones a module is created to digitalize business processes in railway logistics. Employees are enabled to access selected information from any location and to further process them directly. The integrated off-line func-

Freight car check with a mobile solution.

Photo: Zedas GmbH
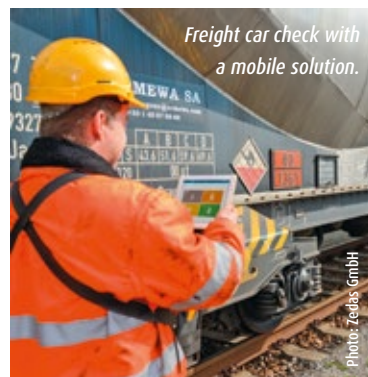
tionality also allows autonomous working without a data connection.

Current developments are focused on additional modules aiming at the solution of optimisation tasks especially in the field of resource planning. Following an integrated product philosophy, these modules work closely with the existing zedas® products suite. Within the web-based optimisation module, planning may be configured and

the results of optimisation runs may be visualised. Once the automation or optimisation runs are finished the results can be directly fed back into the corresponding zedas®cargo planning modules. The results for the customer are an enormous time-saving during the resource planning process and substantial cost advantages through an improved quality of the results of the planning process.