

# MARS

## railbusiness®



## The comprehensive software solution for the maintenance management of railway transport companies

**MARS Railbusiness® will help you to save valuable time and HR costs and to optimise the workflows in your company.**

MARS Railbusiness® is a new product line and the result of collaboration between railtracon GmbH and the Institute for Maintenance and Software Solutions for the railway market.

This software is based on the MARS Industry® software, which is already in use at various companies in the automotive, aviation, space and food sectors, and the facilities management system MARS Facility®. For this purpose, the MARS Industry® software was adapted specifically to the requirements of companies involved in the manufacturing and maintenance of rolling stock as well as in railway transport, infrastructure and railway construction.

MARS Railbusiness® is an intelligent system, which combines user-friendliness with great ease of operation. Never before was it possible to create and process shop orders this easily, to analyse information this precisely and to motivate the employees to “get on board”.

**Let us advise you and we shall accompany you safely on the RAILWAY to MARS.**

**MARS is RAMS with a different weighting  
(Maintainability, Availability, Reliability, Safety)**

MARS Railbusiness® will help you to fulfil all the requirements involved in maintenance and safety management for rolling stock and railway installations according to EC Safety Directive 49/2001+ 110/2008, 445/2011, EN 60300, EN 50126ff, DIN 27200ff and of course DIN ISO9001-2008 or IRIS. The system facilitates virtually paperless operation, is continually available and keeps all relevant data readily accessible.

With the application software Maintenance to go! integrated into MARS Railbusiness®, you can record and process all important and necessary data with just a few entries.

This includes in particular the recording and documentation of malfunctions, which would otherwise have been hidden as disparate pieces of information, as well as the creation and processing of shop orders, checklists, inspection and work instructions, lubrication schedules etc., and everything “as easy as using an ATM”.

Existing databases and applications can be imported 1:1 or adapted, and the data transfer via interfaces to database systems and programs such as SAP, Navision, Oracle, MAXIMO etc. can be implemented easily so that your previous investments and expenditure were not “in vain”.

### Why MARS?

Requirements of the ERA MoU and EC Regulation 445/2011:

*“...in future prove by a certification process that it has introduced a separate maintenance management system or that a maintenance management system fulfilling the requirements has been integrated into the safety management system.”*

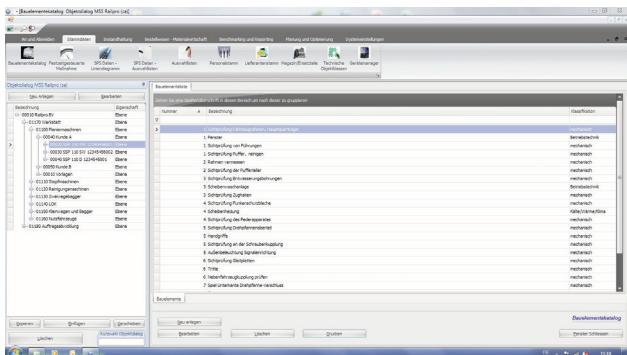
*“... to control and monitor the creation and updating of the maintenance documentation, the fleet maintenance management and the performance of the maintenance measures.”*

Our motto at MARS Railbusiness® and Maintenance to go!:

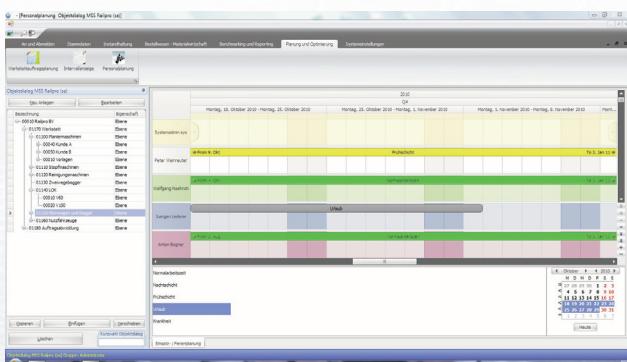
**As much information as possible with as less expenditure as necessary. "Click to GO"**

## features

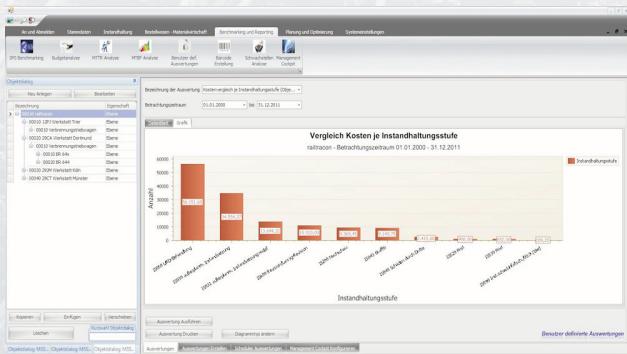
### master data administration



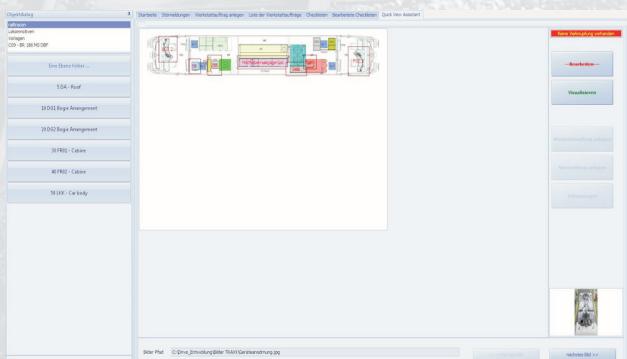
### Maintenance management



### Materials management, Analysis & Benchmarking



### Maintenance to go! (mobile Frontend)



## use cases

### In-house version

You set up the server, on which the complete Mars Railbusiness® software will then be installed.

All the required hardware and software resources will be implemented jointly at your premises and adapted to the special circumstances of your organisational and rolling stock structures.

This means that you can determine and update the contents yourself and organise the utilisation of the implemented hardware and software through your own administrator.

### In-House Operation



### External service by railtracon

With this delivery variant, the software is made available on a server of railtracon GmbH.

You save the cost of acquiring new hardware and can focus totally on working with the system.

During implementation and training, we shall be able to customise the organisational and rolling stock structures of this predefined basic configuration to some extent to your special requirements. All the software functions are available in full.

### External Service by railtracon



## references

Currently MARS Railbusiness® is used in the following company types\*:  
nederlands: 2 EVU from this one ECM // Germany:1 Logistics company with EVU and workshop