



RODIAS

YOUR DIGITAL TRANSFORMATION SPECIALIST

MAINTENANCE WITH SYSTEM THYSSENKRUPP PRESTA AG

As part of ThyssenKrupp AG, thyssenkrupp Presta AG is one of the world's most successful manufacturers of steering systems and a technology leader in the field of solid forming. Its components and systems are used by all leading car manufacturers. From small cars to luxury vehicles, the company serves all vehicle classes worldwide. For years, its technological leadership has been the reason for its strong position as an innovative partner to the international automotive industry.

The main plant is located in Eschen, in the north of the Principality of Liechtenstein, and employs about 2,500 of the 10,000 employees worldwide. Other locations are in Germany, Switzerland, the USA, Mexico, China, Japan, France, Poland, Hungary and Brazil. The decisive technological advantage of the products is achieved through consistent lightweight construction. Thanks to highly automated production with independent manufacturing technology, the company achieves cost advantages even in high-wage countries.

„With Maximo, we control the processes in maintenance and optimise the availability of our systems.“

Armin Baumann - System Manager



thyssenkrupp

Industry

Automotive

Employees

10.000

Headquarter

Eschen, Liechtenstein

Challenge

Control and documentation of all worldwide maintenance activities as well as fast access to spare parts data and globally distributed inventories.

Solution

IBM Maximo

Benefits

- > Transparent Processes
- > Central evaluations
- > Reduction of downtimes
- > Increased efficiency and productivity
- > Worldwide overview of available spare parts

CHALLENGE

The company has been using the enterprise asset management solution IBM Maximo for over 20 years. The EAM system had to be consistently and purposefully expanded, extended and integrated into the systems in the surrounding area parallel to the international growth of the company.

One challenge in this process was the establishment of an IT infrastructure for worldwide operation around the clock. Further difficulties were the multilingualism and the adaptation of the system integration due to the change of the systems in the environment. This is because the ERP system SAP ECC was converted to the successor product SAP S/4 HANA.

In addition, it is a permanent task to consolidate maintenance processes worldwide and to enthuse different user groups and internationally different characters for the system.

SOLUTION

RODIAS has been supporting thyssenkrupp Presta from the very beginning in the deployment and of the system. The system, which can be accessed in four languages, is based on a central Oracle database.

Maximo itself is operated in a cluster, which can be flexibly adapted to the load. The multi-org and multi-site structure of the system ensures customised, role-based access rights. ERP integration ensures continuous processes across system boundaries and consolidates data between systems. An example of this is the data exchange in the area of time management and logistics. Maintenance plans automatically ensure that orders are triggered on time.

Unplanned maintenance measures are also documented and tracked as orders.

Various evaluation options in the form of graphically prepared reports or statistics make it possible to display previously defined key figures such as repair times for certain machines or data on the same faults. The clear evaluation is not only a valuable aid for project participants, but also provides the necessary overview in the area of maintenance processes at management level. By using the integrated solution, findings lead to global optimisation approaches. The worldwide exchange of spare parts can be handled efficiently.

BENEFITS

Through access to central maintenance data, the company is able to permanently optimise processes and measures. In concrete terms, worldwide access to spare parts data has reduced downtimes. The increased availability results in efficiency and productivity gains in the company and for thyssenkrupp Presta's customers. This gives the company's locations a decisive competitive advantage, from which customers, for example in the automotive industry, also benefit directly. in the automotive industry, benefit directly.

The globally rolled-out solution gives the company a group-wide overview of technical equipment, existing spare parts and order processing. The process data creates a valuable data pool that is systematically evaluated in order to implement continuous improvements.

RODIAS is a medium-sized IT service company specialising in systems for the maintenance of complex technical facilities and buildings. With an agile approach and innovative approaches, we realise Industry 4.0 solutions for our customers based on current software technologies.

As part of ROBUR, RODIAS offers even more: Almost 3,000 colleagues work worldwide in the industry segments wind, water, energy, industrials and process industry. As a competent partner to our customers, we create integrated solutions from planning and realisation to installation, operation, maintenance to relocation and dismantling.