



**RODIAS**

YOUR DIGITAL TRANSFORMATION SPECIALIST



## DIGITALISATION OF MAINTENANCE

### PAPIER- U. KARTONFABRIK VAREL GMBH & CO. KG

Papier- und Kartonfabrik Varel (PKV) is a medium-sized family business with around 600 employees. It produces cardboard and corrugated board papers for the German and international packaging industry - the heart of the packaging solutions for many well-known products - on a waste paper basis using the latest environmentally friendly technologies.

With an annual capacity of over 925,000 tonnes on four modern production lines, PKV is one of the largest sites in the European paper industry.

„Maximo impresses with its sophisticated functionality, outstanding configurability and integration strength, making it a very valuable tool for the digitalisation of the maintenance organisation“

Thomas Bonsack, Head of IT

Papier- und Kartonfabrik  
**varel**

#### Industry

Papier & Board Industry

#### Employees

600

#### Headquarter

Varel

#### Challenge

Digitalisation of maintenance

#### Solution

IBM Maximo

#### Benefits

- > Optimised downtime planning
- > Improvement of cost transparency and cost optimisation
- > Reduction of unplanned shutdowns



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## CHALLENGE

The Varel paper and board mill did not have an IT-supported maintenance system in place until 2007. The company intended to introduce a holistic, integrated EAM solution, with order management, maintenance/inspection, purchasing module and materials management. In addition, it should be possible to integrate ERP and document management systems without any problems

## SOLUTION

In 2007, PKV opted for the IBM Maximo EAM system and introduced the order management system the following year. In the following years, the company paused with further implementations due to investments in production. In 2010, PKV introduced risk assessment in IBM Maximo.

In the following years, materials management was digitalised throughout and the processes of material issue, stock transfers and inventory were mapped in IBM Maximo. In addition, purchasing processes were initiated in IBM Maximo both for warehouse reordering and for direct materials and services. Ordering and materials management were fully integrated with the ERP system in 2017.

In 2018, a central planning group was created for work preparation and the IBM Maximo Scheduler was introduced as a central tool for maintenance and service planning. The document management system Sape-  
rion was connected to Maximo in 2019. As with many other companies, the efficient use of third-party service providers is also very important for PKV. IBM Maximo has a suitable solution for this as well.

In all project phases, the Varel paper and board mill was supported by RODIAS in the requirements assessment, functional conception and technical specification. The associated implementations were carried out by RODIAS in close coordination with the customer. The provision of second-level support for IBM Maximo by RODIAS rounds off the customer-supplier relationship.

In the future, the company would like to introduce a mobile solution in sub-areas of order management and materials management. Here, too, PKV relies on solutions from RODIAS and has selected Insight Mobile to develop pilots for the first sub-areas.

## BENEFITS

The solution offers a central platform for the management of maintenance and materials management processes. With the help of the continuous mapping and tracking of the maintenance processes, the degree of planning is increased. The integration of external companies in the system improves cooperation and documentation.

The digitalisation of materials management combined with continuous optimisation of minimum stock levels reduces inventory costs and supports interdepartmental work between materials management, purchasing and controlling. Maximo creates transparency in maintenance and thus provides important starting points for optimising maintenance and reducing costs.

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.