



RODIAS

YOUR DIGITAL TRANSFORMATION SPECIALIST

DIGITALIZATION OF MAINTENANCE

NIEDERSACHSEN PORTS GMBH & CO. KG

Niedersachsen Ports is owner and operator of five seaports, seven island supply ports, and three regional ports located at the German north sea coast.

With over 2,700 hectare port area on the lower saxony sea coast, the company ensures a smooth flow of traffic between the sea and the land.

The company is domiciled in Oldenburg. With the branches in Brake, Cuxhaven with an office in Stade, Emden and Wilhelmshaven, Niedersachsen Ports manages the port infrastructure in the big sea ports of the federal state Lower Saxony. The subsidiary Norden also operates the supply ports for the East Frisian islands. Therefore, Niedersachsen Ports offers several port locations from one source.

The offices of Niedersachsen Ports handle about 28.3 M tons sea freight, 42.000 ship docking and 9.5M passengers.

“Within the company-wide project to digitize NPorts' internal organization, a significant milestone was reached with the introduction of Infor EAM in the area of maintenance and repair management.”

**Hendric Maasch - Head of the Central Division
Commercial Affairs**

Niedersachsen


Industry

Mobility & Transport

Employees

700

Headquarters

Oldenburg

Challenge

Digitalization and standardization of employee control, project and maintenance control and maintenance management

Solution

HxGN EAM (ehemals Infor EAM)

Nutzen

- > Standardization and digital representation of processes and documentation
- > Transparent planning of people, materials and equipment
- > Ad hoc reduction towards predictive maintenance

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CHALLENGE

As part of a digitalisation initiative, maintenance and repair management, employee management and project management and control needed to be digitalised and standardised.

CHALLENGE

The processes were analysed and standardised as part of the digitalisation initiative. The roles involved were defined and assigned to the respective employees.

The digital workflow of the Hexagon EAM takes over the control of the defined processes with the integration of mobile devices.

The planning of the use of capacities (internal and external staff, material, equipment) is done by integrating the capacities into the digital order planning and coordination. In addition, the actual hours per person and device as well as the material used are recorded in detail.

The required transparency for the detailed recording of ACTUAL costs (internal and external costs, material, tools, etc.) is achieved through the integration of Hexagon EAM and Infor LN as a commercial system.

SOLUTION

The use of Hexagon EAM in a uniform form for all branches provides management with a transparent overview of all activities within NPorts.

For the employees, the use of Hexagon EAM also means a high gain in effectiveness in connection with the use of mobile devices. This reduces the amount of data input for employees, and the information they need for their work can be accessed online in a targeted manner.

The digital workflow and the stored checks ensure that the legally required regulations for the work are adhered to and that the necessary documentation is created in a legally compliant manner.

The cross-branch control and scheduling of vehicles and equipment such as ships, excavators, trucks, etc. with the assistance of Hexagon EAM offers the potential for a significant optimisation of operational planning and coordination as well as an increase in availability.

RODIAS ist ein mittelständisches IT-Dienstleistungsunternehmen mit Spezialisierung auf Systeme für die Instandhaltung komplexer technischer Anlagen und Gebäude. Mit agiler Herangehensweise und innovativen Ansätzen verwirklichen wir für unsere Kunden Industrie 4.0 Lösungen auf Basis aktueller Software-Technologien.

Als Teil der ROBUR bietet RODIAS noch mehr: Fast 3.000 Kolleginnen und Kollegen arbeiten weltweit in den Industriesegmenten Wind, Wasser, Energie, Industrials und Prozessindustrie. So schaffen wir als kompetenter Partner unserer Kunden ganzheitliche Lösungen von Planung und Realisation über Installation, Betrieb und Instandhaltung bis zu Verlagerung und Rückbau.