



RODIAS

YOUR DIGITAL TRANSFORMATION SPECIALIST



SMART HEALTHCARE

BG KLINIKUM HAMBURG GGMBH

BG Klinikum Hamburg is one of nine acute hospitals in the „BG Kliniken“ group of companies. The clinic is a high-performance hospital with 470 beds and 2,500 employees, specialising in trauma and reconstructive surgery, hand surgery, plastic and microsurgery.

All threads for real estate, facilities and technology come together at the hospital's technical department. The internal service provider must have the technical environment one hundred percent under control and ensure that, for example, emergency power generators are regularly maintained. Preventive, routine maintenance and unscheduled maintenance measures of the relevant facilities must be controlled and documented. The management must be provided with evidence of whether and how often malfunctions occur at which facilities and what costs are caused by the use of external companies. The continuous electronic availability of facility data and information is therefore essential for the hospital.

„With Maximo we can document all assets and processes optimally and we can automatically control cyclical processes such as maintenance and inspection.“

Thomas Stachowitz - System administration of the technical department



Industry

Facility Management

Employees

2.500

Headquarters

Hamburg

Challenge

BG Klinikum Hamburg wanted to standardise and optimise the management of its complex facilities and diverse medical equipment.

Solution

IBM Maximo

Benefits

- > Control and management of the quality and functionality of all equipment
- > More safety and quality of treatment for patients
- > Transparency about costs of all individual assets
- > Reduced administrative burden



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CHALLENGE

BG Klinikum Hamburg wanted to standardise and optimise the management of its complex facilities and diverse medical equipment. They wanted to introduce a single standardised, integrated system that would monitor the quality and functionality of all facilities and equipment and optimally support the organisational processes in engineering.

SOLUTION

BG Klinikum introduced the integrated asset management solution IBM Maximo with connection to the facility management system, automated inspection and service plans and centralised data storage. The solution integrates all data, automates order creation and makes information from numerous hospital areas available across the board. RODIAS supported with consulting, design, integration and implementation of the solution.

After the processes and database in facility management had been optimised, the reorganisation of the medical technology followed, taking into account the strict requirements of the Medical Devices Act. Further processes such as risk assessments of workplaces were integrated.

Maximo helps to continuously optimise the quality of hospital equipment and facilities, increase availability, reduce operating and maintenance costs, and ultimately further improve patient care. After all, it can be vital that medical aids, be it surgical equipment such as surgical drills, diagnostic instruments such as X-rays or treatment equipment, are always available and ready for use.

A total of around 10,000 orders are planned and processed per year. These include, for example, maintenance, inspections, repairs or replacement purchases. The orders are forwarded to the responsible departments separately according to in-house services and external services after fault reports have been recorded.

Invoices from external companies are booked into Maximo in the technical department, checked and, after release, passed on to the accounting department via an interface. Scheduled work is controlled and orders are automatically triggered by maintenance and inspection plans. All master data required for maintenance is kept in Maximo and constantly updated. The location of facilities can be visualised at any time by jumping into the plan.

BENEFITS

The hospital can monitor and control the quality and functionality of all facilities and equipment. Medical staff can rely on the best possible technical support. Patients benefit from greater safety and quality of treatment. BG Klinikum benefits from the seamless documentation and processing of fault reports, service orders, inspections and maintenance. Both in-house services and external services are completely controlled and monitored via IBM Maximo

The automated creation of service orders considerably reduces the administrative effort. In addition, transparency is created regarding the costs of all individual assets. By analysing weak points and repair costs, the quality of the technical systems and equipment is increased.

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 and maintenance to relocation and dismantling.