MAINTENANCE MANAGEMENT - ADAPTABLE AT ANY TIME

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Breyden GmbH - formerly Buderus Guss GmbH - is the leading brake disc manufacturer in Europe, development partner and supplier to the international automotive industry. All well-known automotive manufacturers in Europe are supplied by Breyden. Per year, the total foundry capacity is 20 million castings. With the introduction of the **BOOM MAINTENANCE MANAGER (BMM)**, Breyden has a flexible and innovative maintenance management system.

Challenge: Documented and complete maintenance

The company was looking for a solution that provides centralized and consistent documentation of maintenance activities in order to replace maintenance planning that was previously based on MS Excel templates.

This is where the **BOOM MAINTENANCE MANAGER** solution convinced. Central lists for recording and monitoring planned maintenance activities as well as unplanned malfunctions give the maintenance manager a quick overview of open activities. A seamless process from commissioning to scheduling to confirmation as well as an integrated notification system for overdue dates or expiring warranty periods ensure that no open activities are forgotten.

Project facts

Customer
Breyden GmbH
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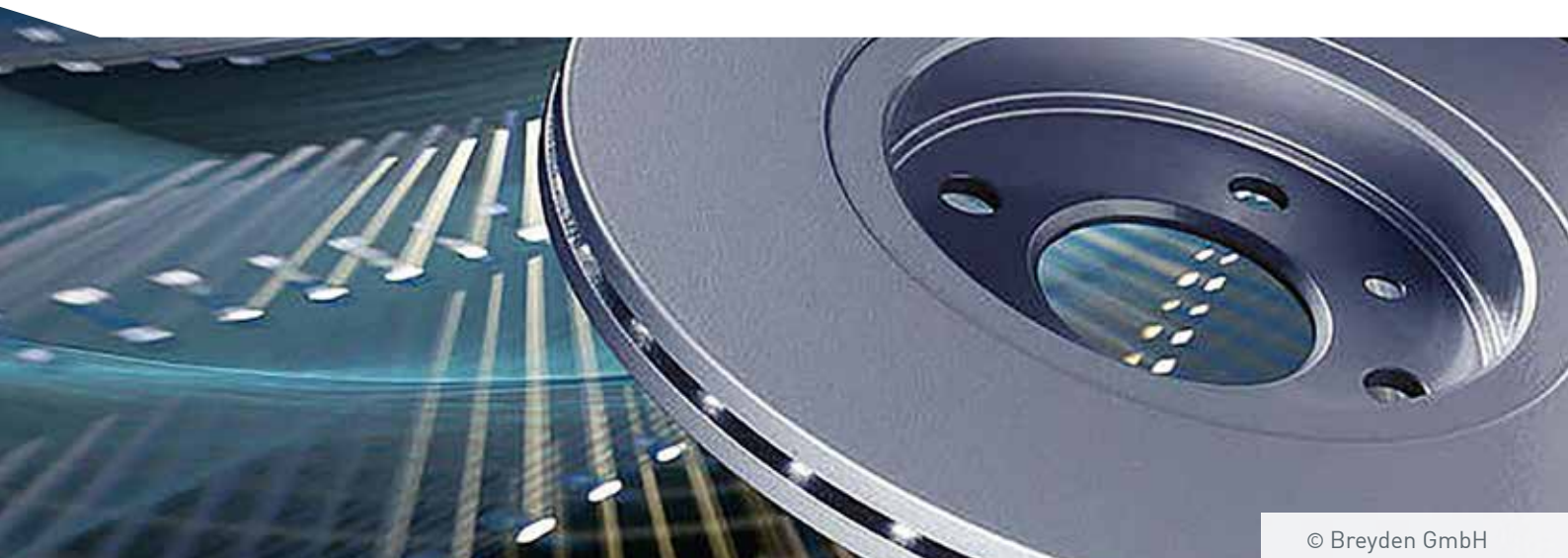**Contact person**
Christian KOLB
Maintenance Engineer

Project start
2016

Solution focus
⫽ Reduction of follow-up investments
⫽ Extension of maintenance cycles
⫽ Longer service life
⫽ Central management of maintenance activities
⫽ Complete adaptability at any time
⫽ Standardized, improved reporting for strategic decisions
⫽ Consistent documentation of all maintenance activities
⫽ Traceability

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Basis for decision making: Condition Monitoring

Unused potentials, which have been hidden by control and measuring devices that were already installed in the past, are made usable by the **BMM**. By means of interfaces that read out the measured data directly from the hardware, the (measured value) database is gradually filled. These measurement data or states are obtained from the production data acquisition. In addition to the simple visualization of this data, it can also be used to calculate maintenance dates. The BMM is able to react to short-term stoppages or changes in production and adapt maintenance.

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FAZIT

From big data to smart data

„To make our production fit for Industry 4.0, we installed countless control and measurement devices, collecting data for months but not using it. With **BMM,** we now have a solution in place that converts this data into valuable knowledge and thus provides us with significant added value." concludes Mr. Christian Kolb regarding the implementation of the **BMM** at Breyden.

BOOM MAINTENANCE MANAGER
at Breyden GmbH

Benefit
// Increase in service quality
// Reduction of administrative costs
// Optimization of maintenance costs
// Continuous improvement process

Success factors
// Innovative project team at Buderus Guss and Boom Software
// Workshop for precise, individual adaptation of the required services
// Rapid adaptability to requirements through the **TOTAL CUSTOMIZING** approach