

# BGI MONITOR

Condition-based infrastructure management



BGI MONITOR exploits the potential of digital transformation and enables better decisions and timely action on the basis of state-oriented near and real-time data

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BGI MONITOR uses data that already exists in the company or is still to be integrated and modern services that can be used specifically for optimal expansion or target network planning as well as for operational and strategic operational optimization. The exact knowledge of the temporal and local utilization, the concrete condition of the individual components and the short-term forecasts are supplemented by medium to long-term scenario analyzes. The result is the basis of an optimizing, integrative resource tool with intelligent networking of the relevant actors and the use of former data silos.

## ADHOC ADVANTAGES

- Reduction of unplanned downtime
- Increased safety for plants, employees and customers
- Operational optimization through more efficient use of resources
- Reduction of inefficient, preventive measures
- Improvement of the company result
- Enabling new business models

## MONITOR -> PLAN -> OPTIMIZE

The consistent use of the potential of the digital transformation enables the provision of timely information, suitable analyzes, visualizations and forecasts for different user groups in the company. With BGI MONITOR, faster and more targeted decisions can be made in operational (exceptional) scenarios and for the strategic optimization of network or asset management as well as predictive maintenance measures. Thus, BGI MONITOR offers feasibility approaches for potential savings, improved service and connected value-added potential.



## INTELLIGENT USE OF MODERN TECHNOLOGIES

BGI MONITOR is a modern, modular Web-GIS framework from the proven and award-winning Fichtner solution series »Business Geo Intelligence«. It provides a flexible set of combinable features, data and services for each IT landscape and customer needs. In addition, we cover the topics of IT architecture, IT security, the appropriate provision of data sinks and management cockpits as well as the high-performance visualization and analysis of network and infrastructure conditions.

## ADDED VALUE THROUGH CONSULTING EXPERTISE

Fichtner IT Consulting and the affiliated companies of the Fichtner Group bring decades of consulting experience in the structuring, assessment and development of options for the economic development and operation of complex networks, taking into account the technical and economic parameters of the environment and also competently cover the field of geo-analytics. If required, we will gladly be available to you as a competent discussion partner with relevant input in terms of content.

## PREDICTIVE MAINTENANCE

Using feature engineering methods, value-adding benefits of an innovative machine learning solution can be achieved, for example, for predictive maintenance issues. BGI MONITOR forms the basis of a predictive maintenance management and can be combined with other solution modules from the BGI solution series for a condition-oriented, predictive and high-performance maintenance management.

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## ABOUT FICHTNER IT CONSULTING GMBH

FIT is the IT competence center of the Fichtner Group with some 1500 employees in over 60 countries. The Fichtner Group has been established in 1922 and is family-owned ever since. We design and implement information logistics for technical networks, assets and infrastructure. We combine industry-specific knowledge with process know-how and state-of-the-art technological expertise to deliver innovative and economic solutions for your success. We extract, structure, link, process and present your (geo-referenced) data to provide efficient and effective solutions.