

Transparent Project Steering At GROB-WERKE


Central Microsoft Fabric data platform combines project costs, planning and IoT machine data in real time



Project at a Glance

GROB-WERKE, one of the world's leading manufacturers of systems and machine tools, joined forces with b.telligent to merge project costs, forecasts and IoT machine data into a central Microsoft Fabric platform. Project managers now receive meaningful reports within seconds, monitor disruptions in real time and control budgets, capacity and deadlines far more transparently.

 Mindelheim, Manufacturing

 Mid-sized, globally operating machinery manufacturer

 7-12 months

  Microsoft Fabric  Power BI  SAP Integration

Highlights

- **Speed:**
Reports that used to take minutes are now available in seconds, significantly accelerating decision-making.
- **Transparency:**
Microsoft Fabric creates a unified data view across projects, sites and systems – eliminating data silos.
- **Reliability:**
A single source of truth and clear governance ensure high data quality and strengthen trust in KPIs.

Challenge

Project costs were recorded differently across departments, so consolidated views required significant manual effort and delays. Budget approvals, resource planning and project prioritisation sometimes relied on outdated figures. Planning and forecasting were separated from reporting, with changes

maintained outside core systems. At the same time, the internal IoT solution produced large data volumes whose analysis via direct Power BI connections was technically complex, slow and hard to scale.





Thanks to b.telligent's expert, collaborative consulting, we were able to develop a viable concept together while also equipping our project stakeholders with the skills needed to operate the data platform independently in the future.

Changes and new business units were also integrated flexibly over the course of the project. The open collaboration with the consulting team was a key factor in the project's success.



Thomas Brenner
BI Strategy Project Lead and
Controller at GROB-WERKE
GmbH & Co. KG

Success

Today, the new data platform provides a central, reliable foundation for reporting and planning. Reports are created in seconds instead of minutes, enabling management and business teams to react faster, for example to budget overruns or critical machine downtime.

Media breaks have been removed, as planning and reporting now run in one consistent environment. Real-time IoT alert analytics make it easier to detect patterns early and reduce downtime.

The solution is scalable, ready for global rollout and forms the basis for further data-driven use cases.



Looking for support with your data challenge?

Contact us for a no-obligation consultation.

Sebastian Amtage, Founder and Managing Director
hello@btelligent.com

Solution

Working closely with GROB-WERKE, b.telligent designed a central data platform based on Microsoft Fabric. After jointly defining key use cases and KPIs, data from SAP, project planning and IoT sources was integrated into a unified data model.

Infrastructure as Code provides a scalable environment, while clear roles and governance ensure controlled operations.

Business units receive domain-specific data spaces where they can monitor project costs, adjust forecasts or analyse machine alerts almost in real time.

Curious To Learn More?

You can find the full success story online here:

[Click for the details](#)



b.telligent is a technology-independent consultancy focused on data and AI. Around 400 employees across nine locations in Germany, Austria, Romania, and Switzerland support more than 500 clients in optimizing data-driven processes, using AI effectively, and achieving sustainable business success.