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smart data. smart decisions.

A Secure Analytics Platform for grenke

grenke Migrates a Business-Critical DWH Environment to Microsoft Fabric in Five Months

grenke

Project at a Glance

In just five months, grenke and b.telligent migrated a complex, business-critical on-premises data platform to Microsoft Fabric. grenke now has a secure foundation built to support reporting and future AI and machine learning use cases.

Germany, Financial Services

Enterprise

3–6 Months

Microsoft Fabric Power BI

Highlights

- **Complex Migration:**
  4.5 TB of data, 19 source systems, and around 3,000 tables securely migrated in five months
- **Built-in Governance:**
  Scalable Fabric target architecture with integrated security and data governance
- **AI-Ready Foundation:**
  A robust technology foundation for future analytics and AI use cases

Challenge

grenke operates in a strictly regulated financial environment where data security and traceability are essential. Its on-premises environment had become increasingly complex over the years and was reaching its limits, with high maintenance requirements, limited scalability, and a lack of cloud and AI readiness. grenke therefore needed a modern, centrally managed analytics platform, all within a tight timeframe of just five months.



With b.telligent, we migrated a complex DWH environment to Microsoft Fabric within an ambitious timeframe. The team combined rigorous architecture work with pragmatic implementation, made risks transparent early on, and worked with us to develop robust solutions. As a result, grenke has a scalable foundation for analytics and AI.



Thomas Kronawitter
Head of Data-Driven Applications & Services at grenke AG

Solution

Working with grenke, b.telligent developed a clear migration blueprint for Microsoft Fabric using OneLake, Lakehouse, Warehouse, and semantic models.

A proof of concept validated the architecture before data flows and transformation logic were rebuilt. Security, role, and governance frameworks were developed in parallel.

Microsoft supported the project through the Azure Frontier Offer, while b.telligent also supported the go-live and hypercare phase.

Success

Within five months, grenke and b.telligent successfully migrated the entire DWH3 environment to Microsoft Fabric despite high complexity and a tight timeline. The new SaaS platform replaces key components of the legacy architecture, reduces dependence on on-premises systems, and provides integrated security and governance capabilities. Standardized tests, data reconciliation, and defined error-handling processes support reliable operations. At the same time, grenke now has a unified foundation built to support reporting, analytics, and future AI and machine learning use cases. A documented target architecture, clear role models, and structured knowledge transfer make it easier to operate and further develop the platform over the long term.



Looking for support with your data challenge?

Contact us for a no-obligation consultation.

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Curious to Learn More?

You can find the full success story online here:

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b.telligent

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 900 clients in optimizing data-driven processes, using AI effectively, and achieving sustainable business success.