

From error-prone data storage in Excel **to efficient, centralized multi-project planning with a single point of truth**



Client: Car manufacturer

Industry: Automotive

Region: Germany

Challenge:

Fragmented, error-prone data storage in Excel without real-time updates led to a high manual workload.

Solution:

Development of a central, browser-based platform for multi-project planning.

Key Benefits:

- Higher data quality
- Reliable scheduling across the company
- Savings of over 12 FTEs
- Error reduction up to 42%
- 56% increase in adherence to schedule

Challenge

High manual effort and error-prone data management in Excel

Data management in Excel resulted in time-consuming and error-prone processes that made reliable and efficient data management difficult. The lack of real-time updates led to outdated data. Changes to start dates and milestones (in the five-digit range) in multi-project planning had to be manually checked and adjusted on a weekly basis. This high level of manual checking and modification effort, without efficient rights and role management or change history, resulted in a high susceptibility to errors as well as untraceable edits and deletions.

Solution

Development of a platform for centralized multi-project planning

Through proactive and comprehensive consulting, we were able to refine the requirements and develop the best possible solution for our customer. We developed a browser-based application that serves as a central platform for multi-project milestone planning and ensures a reliable and uniform database for all users. The tool enables seamless connection to existing company-wide data sources to reduce manual data maintenance. Real-time updates, automated plausibility checks and change history, as well as smart monitoring of data quality ensure the reliability of the data.

Results

Efficient and reliable data management with a single point of truth

The introduction of the solution has led to a significant improvement in the customer's working methods and has significantly increased data quality. A reliable, company-wide multi-project scheduling system with a single point of truth has been created, based on a single, consistent database. The elimination of inconsistent data and deadlines reduces friction losses, misunderstandings, and sources of error. Manual checking and modification tasks were eliminated, resulting in a significant increase in adherence to deadlines, efficiency, and thus reliable processes.