

# Increased efficiency in body construction through reliable data integration

## HOW ICARUS IMPLEMENTED PRECISE PRODUCT DATA PREPARATION AND QUALITY ASSURANCE IN THE TECNOMATIX ECOSYSTEM

As part of a multi-year automotive project, the challenge was to provide reliable product and connection data for body shop production. Particular attention was paid to mapping vehicle variants and precisely updating data at clearly defined milestones. Despite existing systems, manual reconciliation often caused delays and was prone to errors.

### Objective

- Creation of an integrated, versioned product data base
- Ensuring data quality for planning departments and suppliers
- Implementation of effective automation for data maintenance

### Proceed

- Semi-automatic data integration from CAD system and connection database
- Manual quality assurance and structural check of the data
- Development of automation for error detection and data maintenance

### Result

- Seamlessly integrated, versioned product data in the Tecnomatix ecosystem
- Quality-assured data for internal planning and external suppliers
- Optimized processes for data analysis and maintenance with reduced error rates

*"I can rely on the data you provide, and I can share it with colleagues and clients with a clear conscience."*

### PRODUCT RESPONSIBLE PLANNING

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👤 Maik Pretzel

✉️ maik.pretzel@icarus-consult.de

🌐 <https://www.icarus-consult.de>

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