

Efficient linking of joining information in the automotive sector

HOW ICARUS OPTIMIZED DATA INTEGRATION WITH THE SMART FEATURE PART CONNECTOR

An automotive customer wanted to efficiently link joining information to product components in the planning system. The previous link objects contained only component names, not the objects themselves. The goal was to prepare relevant product and process data from Connect (MBOM) and Process Designer (eBop) for an external application, supplement it with additional link information, and log any erroneous input data.

Objective

- Automation of the linking of joining information
- Creation of a user-friendly data processing tool
- Ensuring data quality through logging

Proceed

- Development of the 'Smart Feature Part Connector' for automated linking
- Implementation of a robust, maintainable software architecture
- Use of unit tests to ensure code quality
- Continuous customer involvement through regular meetings

Result

- Automatic format and error detection of input data
- Logging problematic data for processing
- Significant time savings through reduced manual processing
- Support for mirror-symmetric product data

"It is particularly helpful that incorrect data is immediately detected and logged."

PROJECT MANAGER DIGITAL PRODUCT INTEGRATION

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