

Optimization through offline programming in automotive production

HOW ICARUS ENABLED SEAMLESS INTEGRATION OF NEW VEHICLE TYPES WITH OFFLINE PROGRAMMING

An automotive OEM faced the challenge of integrating new vehicle types into existing production lines without risking production downtime. The existing equipment had never been calibrated, making offline programming and program portability difficult. The customer required support in creating and implementing offline programs.

Objective

- Seamless integration of new vehicle types without production downtime
- Maximum program transparency and improvement of production processes
- Reduction of commissioning times

Proceed

- Creation of offline programs and implementation without the programmer being on site
- Advising the customer on the implementation and development of a measurement scenario
- Calibration of the cells and transmission of the programs from Germany to the USA
- Remote support to assist the customer

Result

- Smooth implementation of the programs across all lines and stations
- Significant improvement in production volume
- Reduction of commissioning times and positive customer feedback

"Quality at such an early stage was completely new territory for us. Now we're wondering why we didn't do offline programming sooner - the ramp-up time for new vehicle types is significantly shorter."

TECHNICAL MANAGER PAINTSHOP INTEGRATION

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