

Increased efficiency through software-supported program transfer

HOW ICARUS IMPLEMENTED CROSS-MANUFACTURER ROBOT PROGRAMS IN AUTOMOTIVE PRODUCTION

An automotive production facility operated two parallel production lines. Despite the similarity of the processes, robots from different manufacturers resulted in significant programming effort. The programs had to be created separately for each line, which was time- and resource-intensive. The key challenge was to enable interchangeability of the programs across production lines.

Objective

- Development of a cross-manufacturer transfer mechanism
- Ensuring interchangeability of robot programs across lines
- Significant reduction in programming effort

Proceed

- Development of innovative software for program transmission
- Calibration of robots and systems
- Creation of digital models
- Offline programming of robot programs
- Transfer of programs through our software

Result

- Successful program transfer between production lines
- Significant reduction in programming effort
- Identical processes on both lines

"You're the first to do this! Awesome!"

PLANT MANAGER

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