

Robust process innovation through retrofit

HOW ICARUS UPGRADED OLDER AUTOMOTIVE INDUSTRY FACILITIES WITH ROBOTICS

Despite aging stations in an automotive plant, there was a need for quality assurance and efficiency improvements. The old robots and tools were to be replaced to significantly improve production capacity and flexibility. Delays in mechanical and electrical systems posed additional challenges.

Objective

- Retrofit to increase quality and efficiency
- Expanding the scope of action through new applications
- Ensuring target quality on two production lines

Proceed

- Studies and concept development
- Offline programming of the robots
- Commissioning of new application technology and tools
- Conversion of programs to Kuka controller

Result

- Kuka-specific program adaptation successful
- New applications and tools effectively integrated
- Target quality achieved on time despite delays

"Despite the delays in the mechanical and electrical work, you brought the project across the finish line smoothly. The quality is good, the processes are running smoothly - and all this on a truly ambitious schedule. That's exactly what you want."

PROCESS RESPONSIBLE PLANNER

AR-IB-001

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