

Efficient migration of optimization systems in automotive production

HOW ICARUS ENHANCED PRODUCTION WITH THE USE OF MODERN ROBOT TECHNOLOGY AND THE NEW DOPX SOFTWARE.

Due to outdated control software and robots, the production facilities needed to be future-proofed. In addition to replacing the old robots, the company also wanted to switch from Dop Legacy to DopX to ensure long-term flexibility and process reliability.

Objective

- Conversion from outdated optimization environment to modern DopX system
- Parallel conversion to the new KUKA robot generation
- Ensuring stable production processes despite parallel OLP projects

Proceed

- Setting up KUKA KRC servers for new robot platforms
- Integration and configuration of DopX
- Use of Process Simulate to validate and secure processes
- Roundload to ensure regular operation and check the robot program syntax

Result

- Program optimization with DopX possible on new robots
- Production processes were implemented in a stable and future-proof manner
- Customer feedback emphasized the reliability and successful project completion

"The implementation was professionally managed. It's particularly noteworthy that, despite parallel projects, the installation went smoothly and the new solution more than met expectations."

TECHNICAL PROJECT MANAGER

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