

# Making robot programming more efficient: Audi relies on DopX

## HOW ICARUS OPTIMIZED DIGITAL COMMISSIONING FOR AUDI IN NECKARSULM

Audi's Neckarsulm site produced a wide variety of vehicle types and derivatives, requiring flexible and efficient optimization of its robot programs. The major challenge was that the production stations used a wide variety of application technologies and robots from different manufacturers. There was an urgent need to optimize the programs quickly and reliably to remain competitive.

### Objective

- Implementation of the DopX programming system
- Fast and safe optimization of robot programs
- Increasing efficiency through digital networking

### Proceed

- Complete recording of the existing system
- Creation of digital simulation models
- Implementation of the DopX system on shop floor computers
- Staff training and ongoing support

### Result

- Successful commissioning of the DopX system
- Increase the speed of program optimizations
- Daily quality audits instead of just on weekends

*"The launch of the first new vehicle with DopX was outstanding. Our ramp-up time was only a fraction of what it used to be."*

**PLANT OPERATOR ON THE SHOP FLOOR**

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