

Efficient robot program transfer in automotive production

HOW ICARUS ELIMINATED MANUAL REWORK DURING PROGRAM TRANSFER WITH TRANSFER-IT

In the automotive sector, the challenge was to transfer robot programs between different production lines without rework when robots were inaccurate and linear axes were installed suboptimally. These inaccuracies often led to time-consuming and costly manual rework, which compromised the efficiency of the production process.

Objective

- Transfer of robot programs without manual rework
- Mirroring of programs directly in the system
- No simulation programs

Proceed

- Development of the Transfer-It software to correct inaccuracies
- Idealized robot program for adaptation to target robots
- Direct software-supported transfer between robots

Result

- Transfer without manual rework
- Program mirroring without simulation requirements
- More efficient processes through software application

"Finally, we can transfer programs quickly and easily. Without re-teaching!"

ROBOT PROGRAMMER

SD-RSD-007

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