

From manual assignment to digital precision

HOW ICARUS REVOLUTIONIZED THE SEWING PROCESS IN THE AUTOMOTIVE INDUSTRY

In the automotive industry, the process of mapping and programming seams in 3D models was highly manual and error-prone. External tools were used, which were time-consuming and did not allow for a clear assignment of seams to components. This led to an inefficient workflow and limited scalability.

Objective

- Digitization of the entire allocation process
- Enable seam-centric programming
- Increasing planning efficiency and quality

Proceed

- Development of a two-stage tool in Process Simulate
- Creation of a graphical interface for proximity assignment
- Automated, oriented seam programming

Result

- Significant acceleration and optimization of the process
- Elimination of manual coordination and media disruption
- Establishment of a digital, future-proof standard

"The development process was agile and on equal terms. Our everyday requirements were implemented directly - you can see this in every aspect of the tool."

ROBOT PROGRAMMER

SD-RSD-006

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