

Bridging the gap between engineering and shopfloor

Designed for high-volume automotive manufacturing, DopX enables fast and cost-efficient analysis and optimization of robotic processes without disrupting serial production.

Optimize robot programs while production keeps running. No night shifts, no idle time, no additional personnel. Reduced cost, accelerated payback.

Vendor-independent interfaces and an intuitive user experience streamline program analysis and modification, reducing ramp-up times and improving process quality.

A comprehensive process journal provides full application lifecycle management and turns process knowledge into a basis for continuous improvement.

Key Benefits



Intuitive

Designed for the shopfloor.
Easy to learn, fast to master.



Agile

Programming parallel to production. No idle or night shifts.



Secure

Simulation-based validation.
Holistic quality management.



Vendor Independent

Works with different robots
and heterogeneous environments.

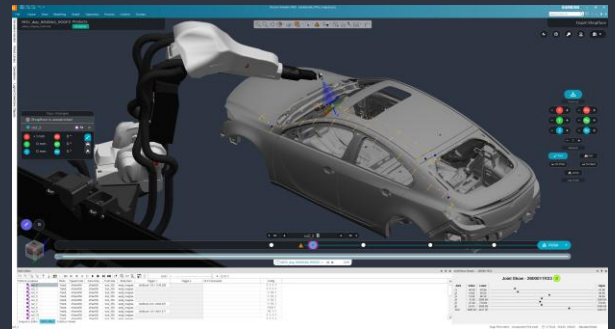


Application Agnostic

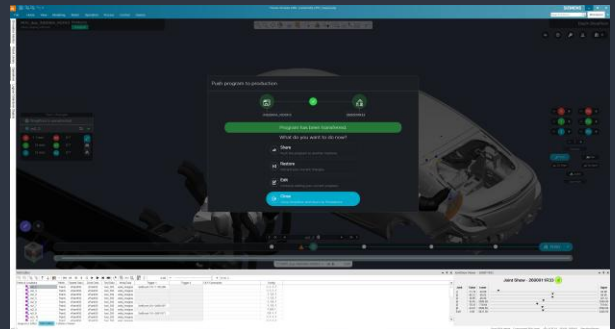
For all robotic applications with
frequent changes.



Intuitive program mapping and selection.



Efficient programming in an automatically prepared expert environment.



Intelligent program transfer from engineering directly to production.

How DopX works



1. Access

Retrieve currently active robot programs directly from production.



2. Modify

Analyze and edit robot paths in an intuitive 3D environment.



3. Validate

Simulate, validate and evaluate the impact of your modifications.



4. Deploy

Deploy approved changes without production downtime.



5. Improve

Embrace continuous optimization and improve performance.



6. Learn

Capture insights and enable understanding.



DopX turns robot programming into a continuous productive cycle – parallel to production, without night shifts, idle shifts or extra staff.

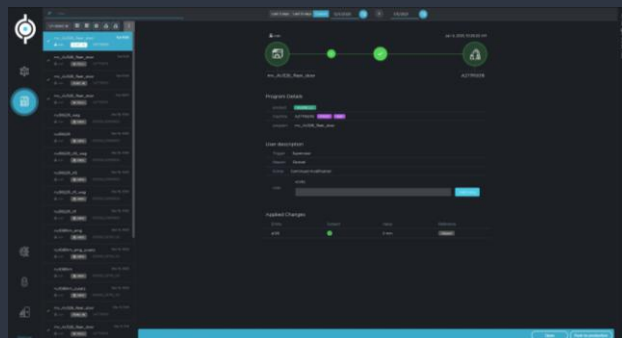
For more visit us at:
go.icarus-consult.de



Access to every change at any time and any place

DopX captures every significant interaction in an integrated change journal.

Complete traceability provides transparency, offers flexibility and turns individual know-how into a valuable corporate asset.



Turn Data into insight

Built-in analytics, statistics and visual cues like the heatmap reveal how production processes evolve over time.

- ✓ Optimization hotspots
- ✓ Recurring quality challenges
- ✓ Process stability trends



Building the foundation for AI

Efficient industrial Artificial Intelligence requires structured and qualified data based on reliable process knowledge.

By combining production context, engineering expertise and complete modification histories, DopX generates qualified metadata that can serve as the foundation for future AI-based strategies.



Efficiency all around the globe

Whether planning a new factory in the greenfield, integrating a new car type in the brownfield or optimizing existing production processes, DopX provides a scalable platform utilized all around the globe.

