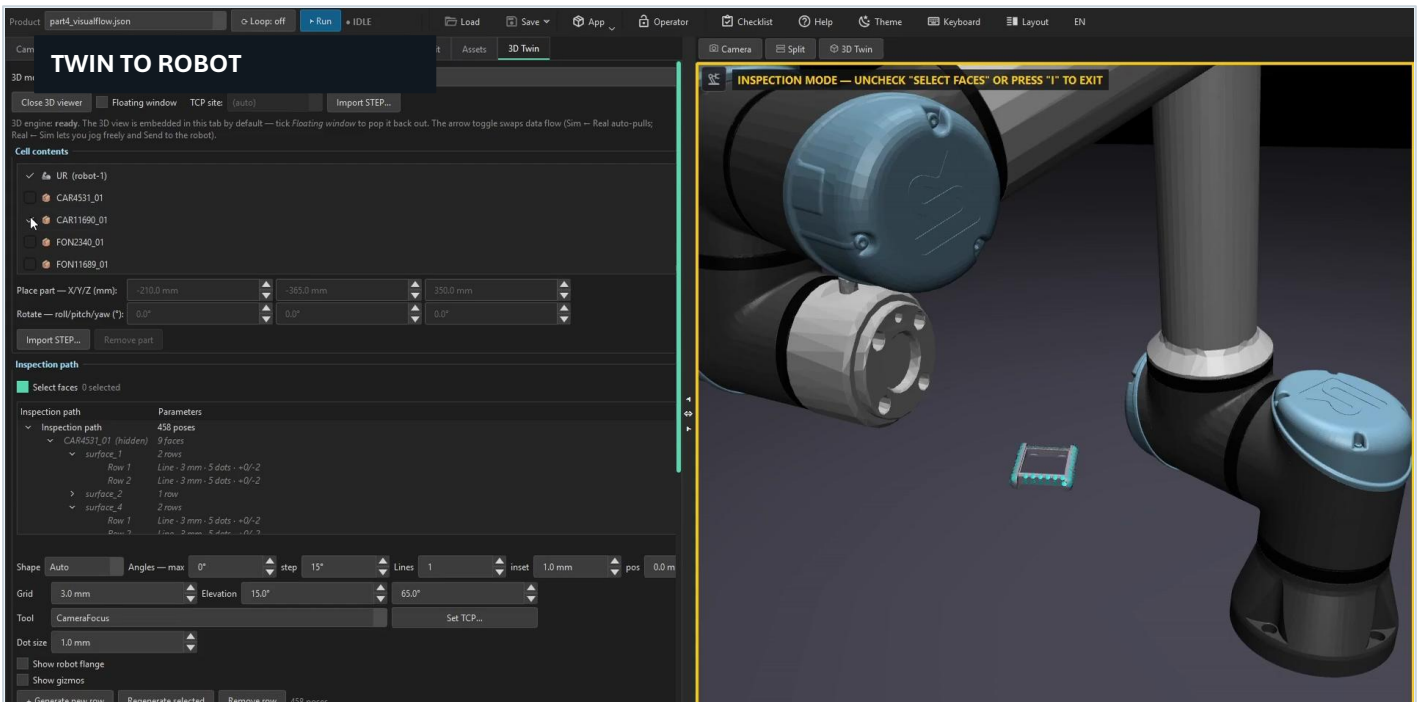




Generate complete 3D inspection paths in seconds

Select surfaces in the digital twin. V.R.A.I. Eyebot-IQ generates, verifies and executes the camera path automatically.



458 camera poses generated automatically from selected surfaces.

DEMONSTRATED PROGRAMMING TIME

1 DAY

POINT-BY-POINT TEACH-IN

TO

SECONDES

AUTOMATED PATH GENERATION

01 SELECT

Select surfaces in the digital twin.

02 GENERATE

Generate hundreds of camera poses and verify the route.

03 INSPECT

Run the path and inspect the real part.

Stop teaching camera poses by hand

Reduce commissioning and changeover effort for complex 3D parts while keeping inspection coverage visible and repeatable.

Test it with your CAD model

3hle.ch | info@3hle.ch

UR5e shown. Robot compatibility is confirmed for each application.

WATCH THE DEMO



One workflow from digital twin to verified quality control

Select the geometry once. V.R.A.I. Eyebot-IQ builds the route, moves the robot and combines motion with Retina A.I. Vision inspection.

PROGRAMMING	PATH OUTPUT	CAD INPUT	QUALITY
SECONDES	CAMERA POSES	STEP	REAL-TIME RESULTS

What the customer gains

PRODUCT	V.R.A.I. Eyebot-IQ + Retina A.I. Vision
PROGRAMMING	Seconds instead of teaching each robot pose
COVERAGE	Camera poses generated across selected 3D surfaces
CHANGEOVERS	Rebuild the route when part geometry changes
VERIFICATION	Review path coverage and robot reach before execution
EXECUTION	Add robot-ready motion directly to the inspection program
QUALITY	OK/NOK, defect location and live decision on the real part
DEPLOYMENT	Software integration or a complete inspection cell

Where it fits best

DEMONSTRATED

Complex 3D surface inspection
Hundreds of generated poses
Digital twin to real robot
Live validation on a physical part

DELIVERY SCOPE

CAD and 3D cell model
Robot and imaging hardware
Retina A.I. Vision decision
Commissioning and training
Production support

Cycle time and coverage are validated with the real part and optical setup.



Send us your CAD model and inspection target

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V.R.A.I. EYEBOT-IQ