Smart programming
Inspection path planning

The Silma X4 i-Robot Inspection Path Planning module significantly improves productivity by offering a host of automated measurements for use with industrial robots. This module reduces programming time by up to 60%* and guarantees robust, reliable programs with zero crashes.

*Time studied on an automotive industry key player

Intelligent programs
that improve productivity

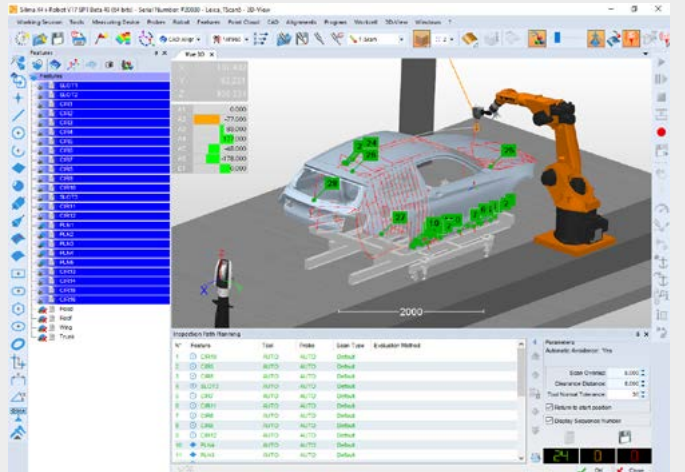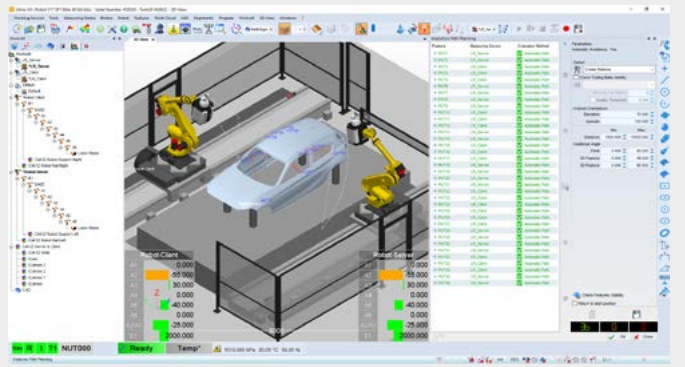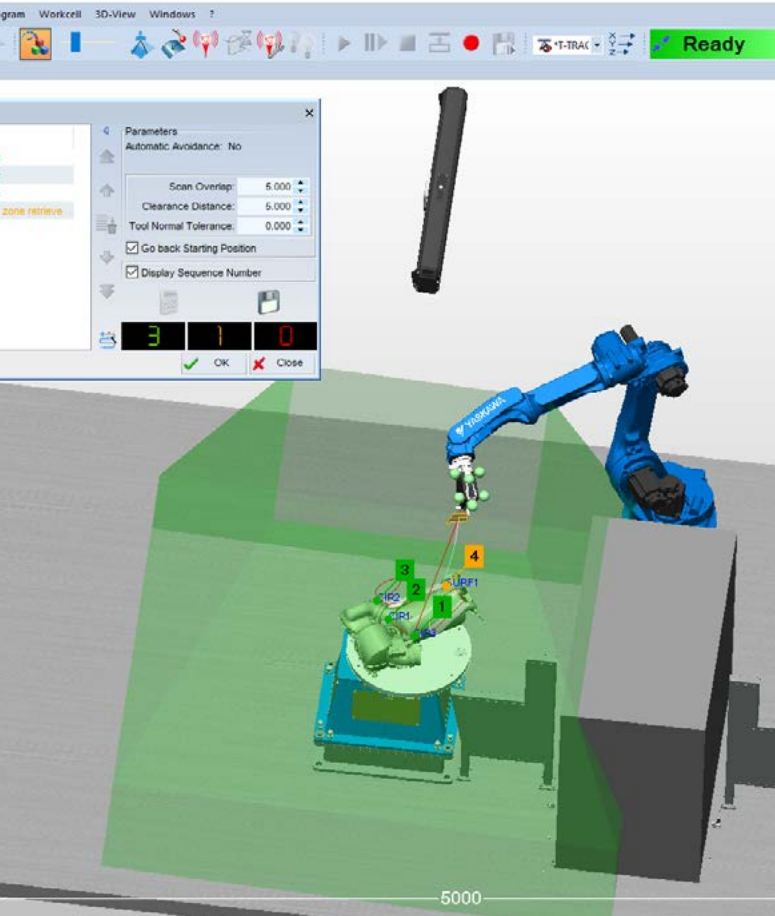**Programs generated** automatically in a couple of clicks.

Automated collision detection and avoidance. A secure measurement path.

Trajectory optimization A faster measurement path.

Controls overspeed and position in singularity.
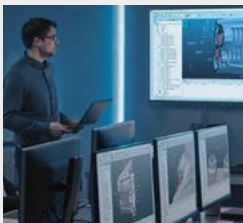
Advantages with robots

- Save significant programming time
- Trajectories optimized and adapted to your measurement system: laser line, structure image or laser radar
- Automatic collision detection and avoidance
- Robot trajectories anticipate problems stemming from overspeed and singularity position
- Include GD&T
- Manage Scan Overlap, Clearance Distance & Tool Normal Tolerance

Integration of specific measuring rules to allow for standardization of measurement processes.

Discover our complete software suite

TRAINING

A training need, a technical advice?

Discover our training programs adapted to all types of uses.

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GET OUR TECHNICAL EXPERTS SUPPORT

40 years of experience in metrology to help you configure and parameter your X4 software.

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