FANUC

ROBOGUIDE
Intelligent 3D simulation
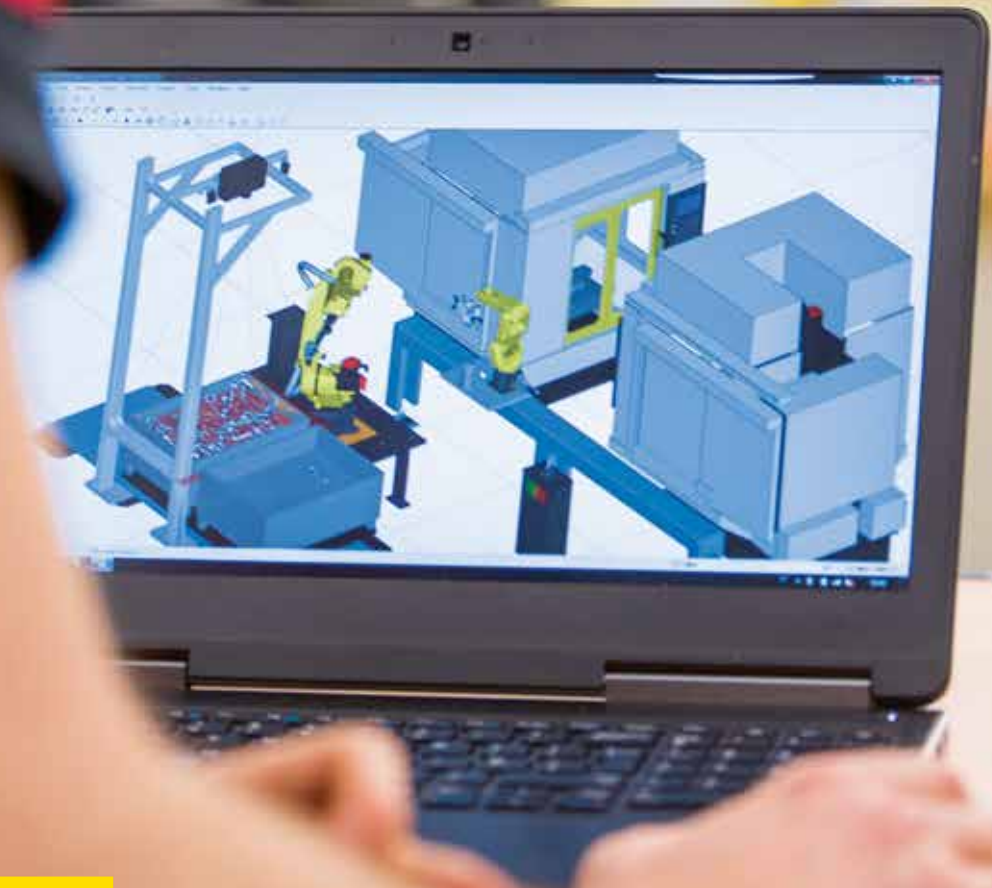
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to get things done**
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EFFICIENCY DREAMS COME TRUE

FANUC ROBOGUIDE is an offline simulation package that simulates both the robot's motion and application commands, significantly reducing the time it takes to create new motion setups.

To ensure minimal impact on production, cells can be designed with imported CAD tested and modified entirely offline. Designed to be intuitive and extremely easy to use ROBOGUIDE requires very little or even no training. Built on Virtual Robot Controllers to give you accurate motion and cycle times.
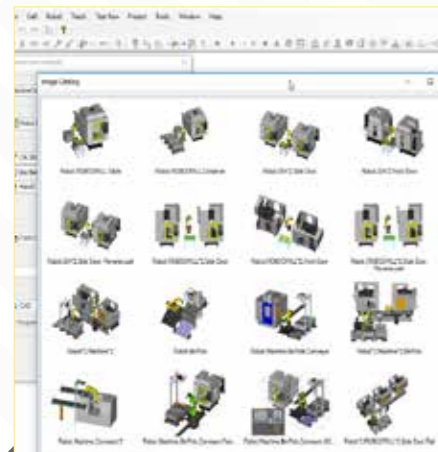
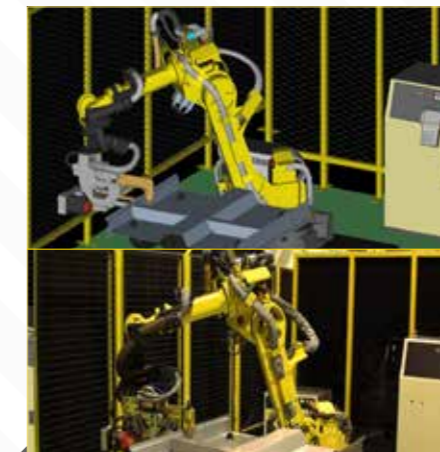Easy creation of layouts with devices and machines

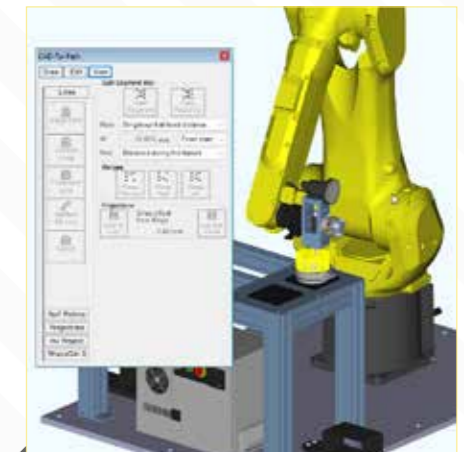Enhance and debug offline without experiencing downtime or lost production
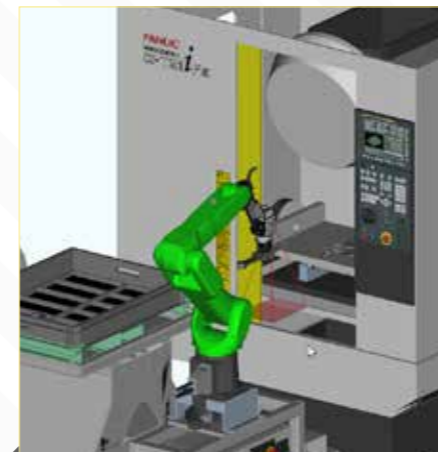
Import of CAD data to give a real look and feel to the application

Simple path planning with animation

Accurate simulation between the virtual and real world

Highly efficient application tools to simplify programming efforts

From design to confirmation

Highly accurate interface & specific tools

With the on board CAD library you have complete access to all FANUC Robots, Machines and simple tooling. The robot simulation and profiler function contains a full package of process verification details including motion, cycle time validation as well as collision detection and avoidance. It is also available with dedicated tools for specific applications.

# ROBOGUIDE
Standard features

ChamferingPRO
A step-by-step navigator lets you generate and simulate deburring programs automatically. To generate the deburring paths, just click the lines to be deburred on the 3D CAD data.

HandlingPRO
Simulate and test material handling processes and conduct feasibility studies for robotic applications without the physical need and expense of a prototype work cell setup.
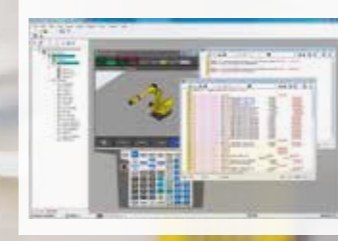
OLPCPRO
Robot program development software that supports the development and maninntenance of KAREL and Teach Pendant Programming.

PaintPRO
Graphical offline programming solution that simplifies robotic path teaching and paint process development. It contains special functionality for setting up paint gun displacement, spray size, overlap, paint pattern, paint speed and gun trigger timing.

PalletPRO
Can be used to completely build, debug and test a palletizing applications offline. The data created in PalletPRO can then be downloaded to a real robot controller containing the PalletTool software.
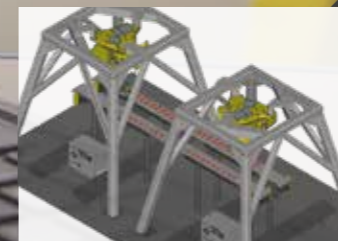
*i*RPickPRO
FANUC's latest plug-in to the ROBOGUIDE off-line programming tool allows users to simulate high speed pick and place applications. *i*RPickPRO can then be downloaded to a real robot controller containing the *i*RPickPRO software.

WeldPRO
Simulate a robotic arc welding process in the 3-D world. Driven exclusively by a FANUC Virtual Robot Controller, WeldPRO is empowered with the most accurate program teaching tools and cycle time information available in any simulation package.
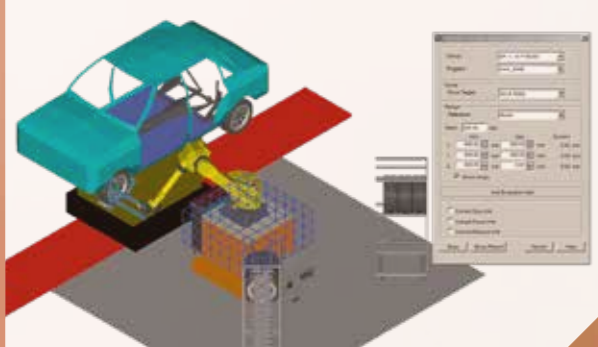
It's as simple as that!
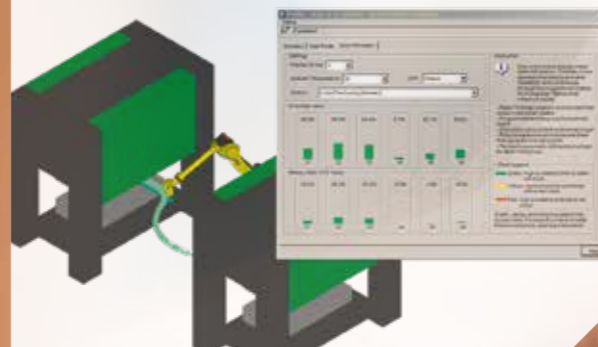
The ROBOGUIDE advanced features

AUTOPLACE
Automatic calculation for the best position of the robot according to cycle time and duty.

DUTY
Powerful software to calculate the duty and power consumption of the robots.
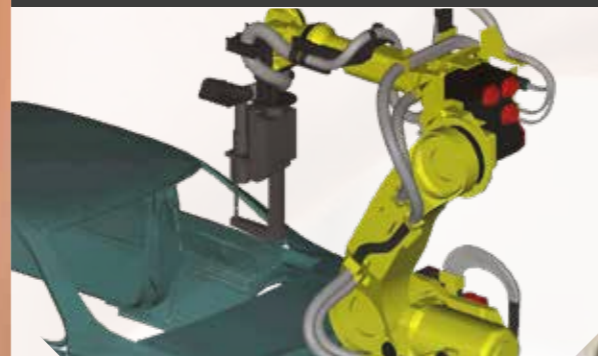

VISION
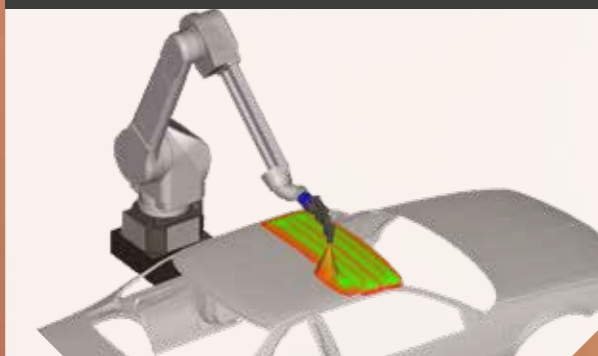Intelligent vision simulation from simple 2D to advanced 3D bin picking.

CABLE
Advanced simulation of a cable attached to a robot or peripheral devices.

SPRAY
High functional option to visualise spray covering on parts.

COORD
Expandable to coordinate and support multiple robot groups.

TEST ROBOGUIDE NOW!

Rely on FANUC Know-how and more than 16 years of ROBOGUIDE 3D simulation experience that is continuously improved and updated.

Contact your local FANUC office to experience working with ROBOGUIDE yourself!

One common servo and control platform –
Infinite opportunities
THAT's FANUC!

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Accessories
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Machines

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Centres

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Machines

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