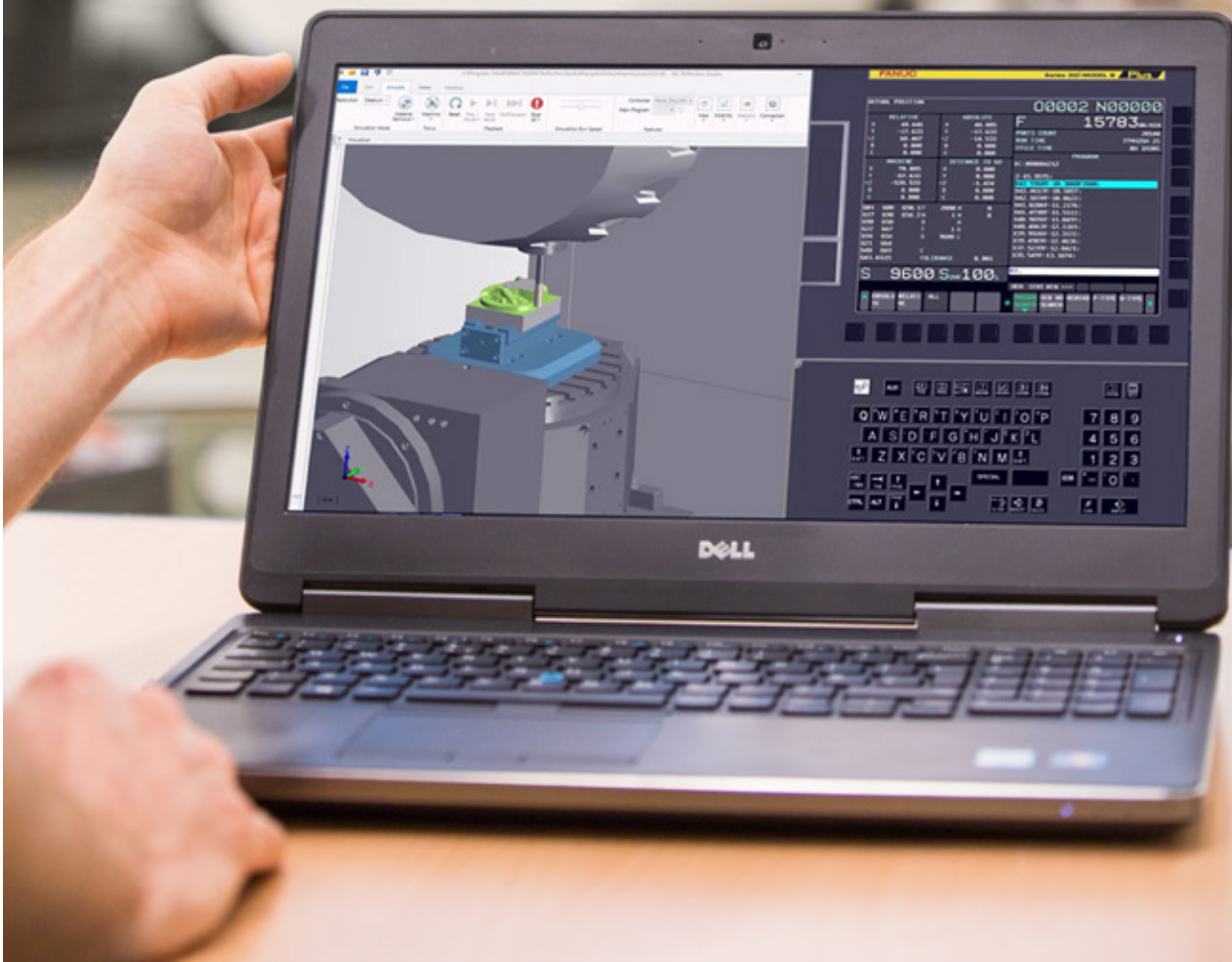


THE FACTORY AUTOMATION COMPANY

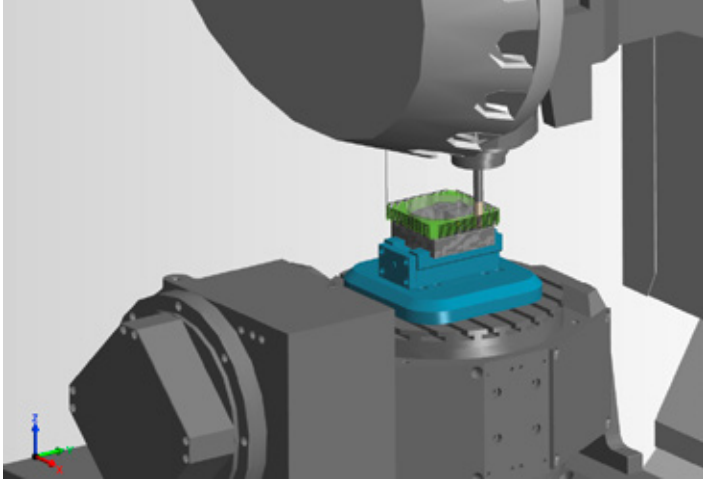
FANUC

Experience the power of virtual machining and visualisation

FANUC CNC Reflection Studio



FANUC CNC Reflection Studio



FANUC CNC Reflection Studio is a Windows® application that simplifies CNC part program creation and editing, offering immersive CNC machine animation for visualising machine behaviour, workpieces, fixtures, and tooling setups.

The advanced software can use machine model provided by machine tool builder. Alternatively the SW provides standard machine models. The simulation can be used with CNC Guide or real CNC to create a digital twin of the machine.

By considering the real CNC parameters for the simulation of the part program, the transferability of the simulation results to the real machine is guaranteed.

Features and Benefits

Seamless Program Management

Upload and download programs to the CNC or CNC Guide over Ethernet.

Complete Job Setup

Machine, tooling, fixtures, offset, part blanks and cut stock models can all be setup for every project.

CNC Connectivity

Operators have full visibility of the cutting process in real time when running the software at the machine tool.

Robust Programming

Test and edit programs with G-code editing tools that allow for easy modifications, replacements, comparisons and color coding for readability.

Powerful Machining Simulation

The simulation can run in offline mode without CNC Guide or CNC (CNC Parameter are not considered). Alternatively the software utilizes the CNC parameter in online mode.

Prove-out programs using the machine layout and kinematics; simulate the tool path backplot, material removal and machine motion.

Virtual Commissioning

Accurately prove the machine's real-world behavior and program processing.

CAM Connection

Import and test post-processed programs from CAM systems, using job setup information from CAM systems.