

A black and white photograph of a CNC machine tool cutting a metal part. The tool is a drill bit or end mill, and it is positioned over a workpiece. The background is blurred, showing other parts of the machine and some metal shavings. The image is framed by a dark blue banner with red vertical and horizontal lines.

# Eureka G-Code

**NC simulation software and reliable digital-replica  
for any CNC machine**

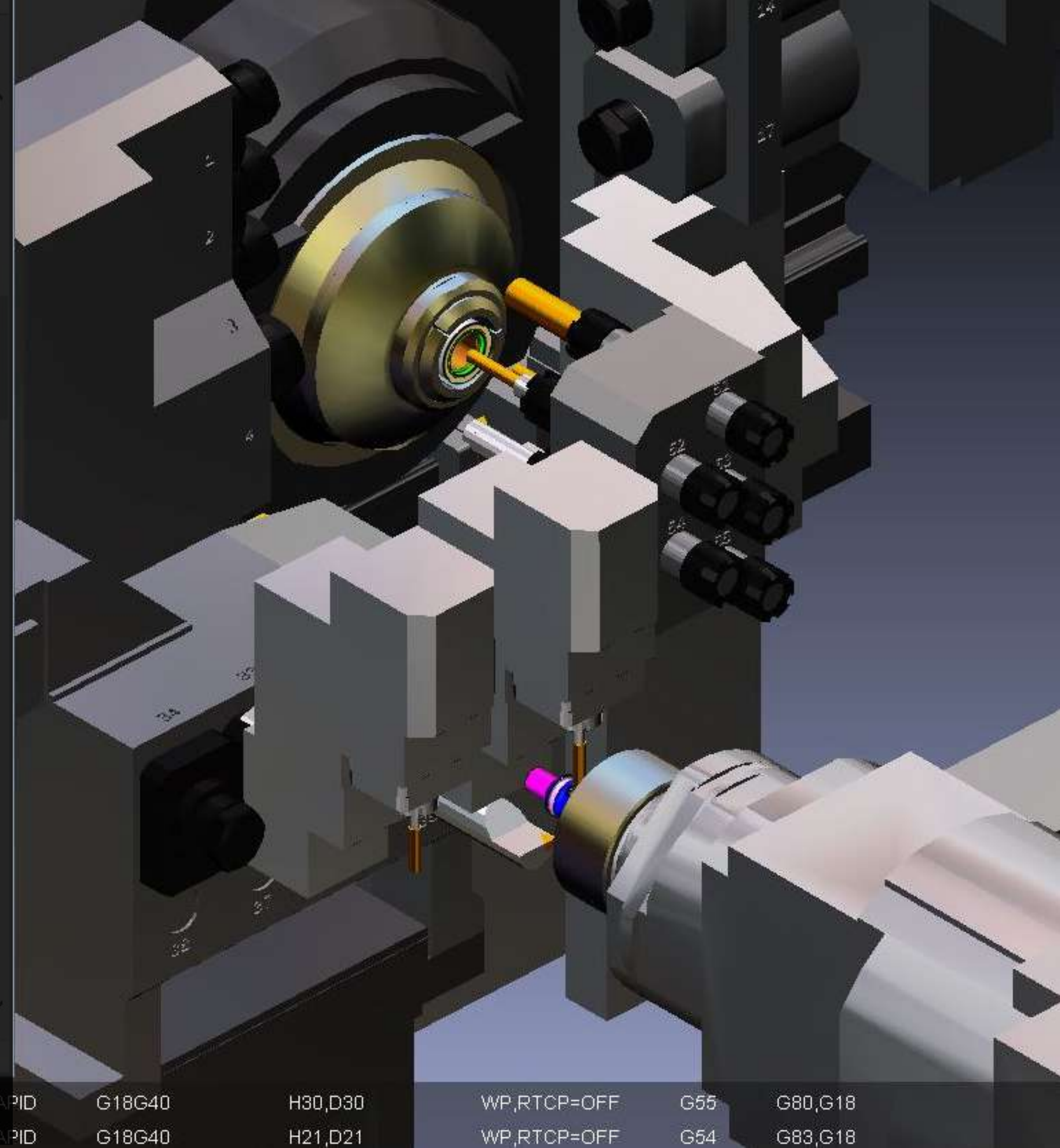




# Increases productivity, avoids collision issues

Eureka simulates the actual G-Code sent to the **machine**, regardless of how it was created, manually, or post processed from any CAM system.

Thanks to 20 years of experience and development, **Eureka G-code is able to emulate all the most common CNC controls on the market:** Fanuc, Siemens, Heidenhain, Haas, Fagor, Okuma, MoriSeiki, Mazak, Fidia, Selca, Osai, Num and many others.





## Why Eureka G-Code?

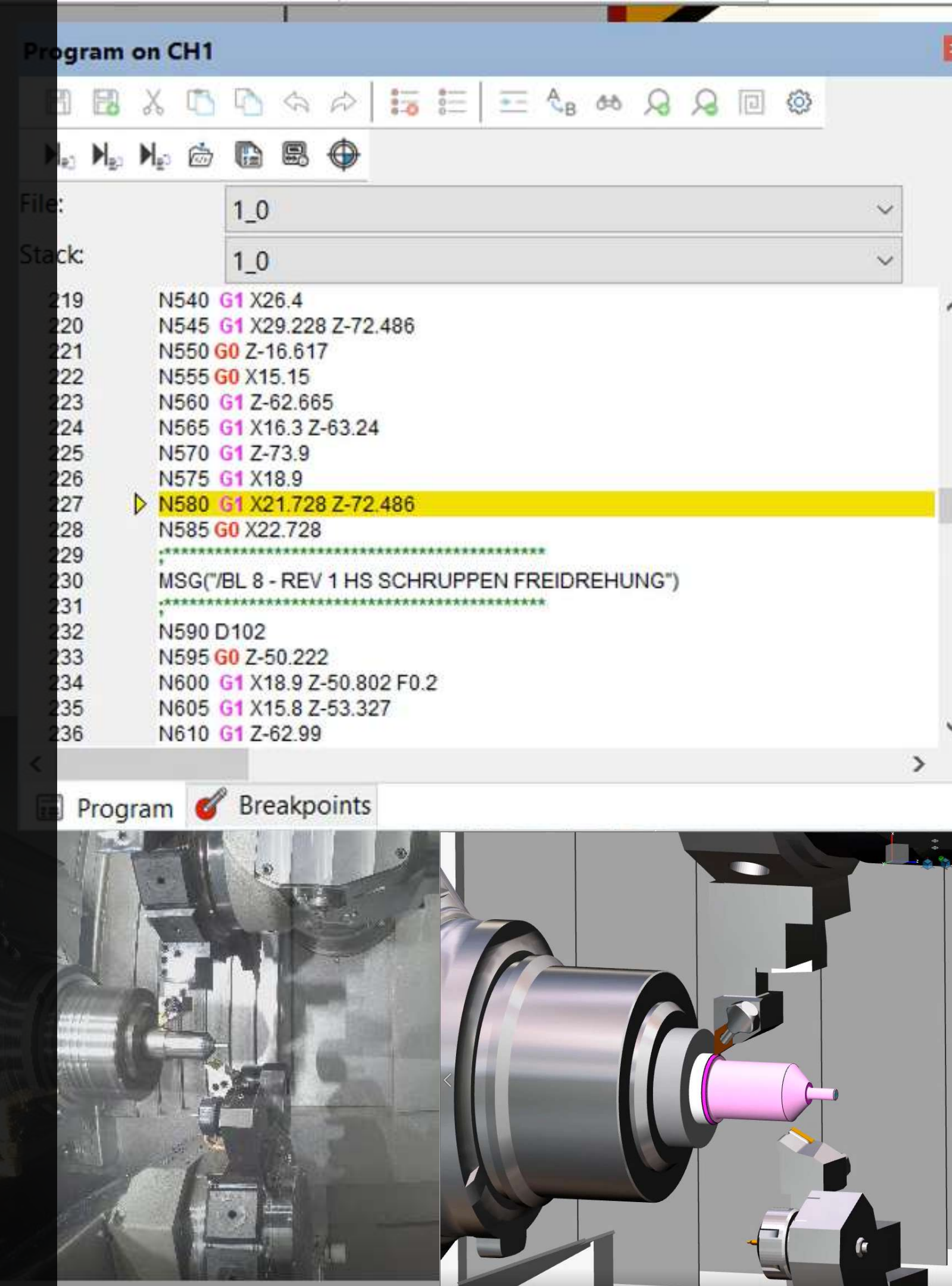
Eureka allows the user to avoid the **risk of damaging expensive workpieces and tools due to collisions** caused by programming errors. You can do all the tests you want, quickly, **risk-free and without taking the actual machine out of production.**

Eureka G-code is also useful for **training new staff** and for working remotely. **Programs for any machine and control can be prepared, simulated and verified even when the actual machine is not available.**



## Main features

- ✓ Complete digital replica of the actual machine
- ✓ Emulation of the same G-code running on the actual controller
- ✓ Interfaces with many popular CAD / CAM systems
- ✓ Additive and hybrid simulation
- ✓ Simulation of tool change, head change and pallet change
- ✓ Simulation of sliding head lathes and multi-channel mill-turn
- ✓ Simulation of complex cycles and probing operations
- ✓ Real-time collision detection and cutting conditions verification





# Eureka G-Code

# Benefits

- Eliminates machine prove-out
- Avoids the risk of damage
- Improves time efficiency
- Useful for quotations
- Useful for new staff training
- Users can work remotely

## Savings Calculator

How much will you save with Eureka G-Code?

Hourly machine cost (\$/hour)

75

Hours per week

50

Number of machines

3

Prove-out vs production

10 % (Typical)

**Yearly savings removing prove-outs:**

**\$58,500**

**Yearly savings cutting prove-outs to half:**

**\$29,250**



# About Eureka G-code



## PFC Brakes

"Eureka software has allowed us to go straight to production on new parts without having to tie up the machine proving out our programs. This would usually take a few hours per part. This has been very beneficial as we are moving 100's of parts."

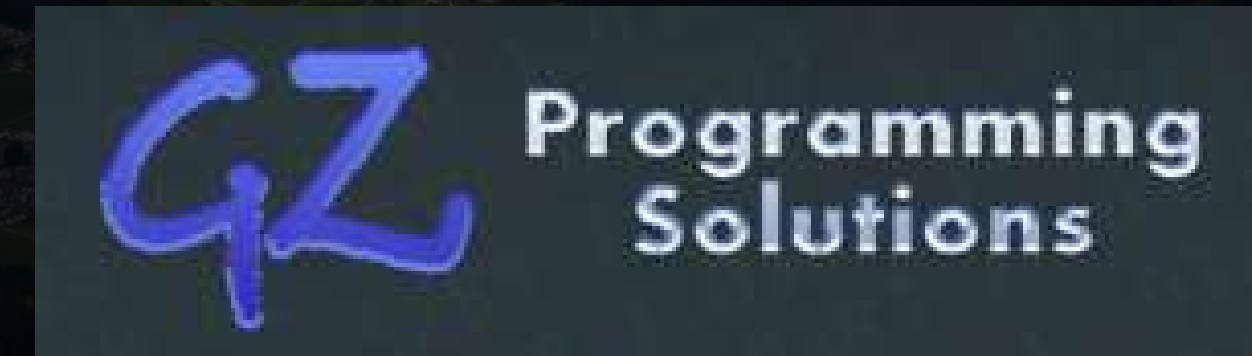


## Digitrace Ltd

"We do not run a 5-axis CNC project without first simulating in Eureka".

## GZ Programming Solutions, LLC

"Eureka offers a very clean and efficient interface. It's easy to use and has a very good G-code editor." He added "I can work on any CNC machine/controller and Eureka lets me build a reliable machine simulation in a short time. The tool building interface is also extremely powerful and straightforward to use."





# About us

For over **15 years**, Roboris has been a leading developer of manufacturing software solutions. **Eureka Virtual Machining** is an innovative suite of software products for the simulation and optimization of NC programs and industrial robots.

Roboris software is designed and developed **100% internally**, allowing for in-depth customization at any level.

Over the years **Roboris** has earned a reputation of excellent **customer service**, both towards our direct customers and our partners. We strongly believe that **we can provide our Customers excellent tools to increase their productivity** only combining leading-edge software technology with a constant attention to our users' needs.





# Subsidiaries & Master Distributors

Eureka  
G-Code

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