

MEET A
NEW BRAND
TO THE CAD/CAM
MARKET

ency

Groundbreaking CAD/CAM/OLP system
designed to transform the way you work



ENCY goes beyond automating CNC machine and robot programming. It provides a unique user experience by enabling collaboration and data exchange among software providers, integrators, programmers, and shop floor operators.

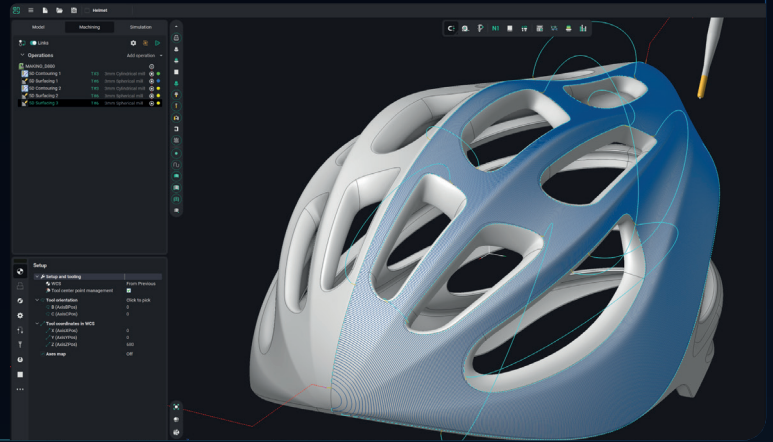
ARE YOU READY TO REVOLUTIONIZE YOUR
MANUFACTURING PROCESSES?

Comprehensive Product Line

ENCY

CAD/CAM for a new generation

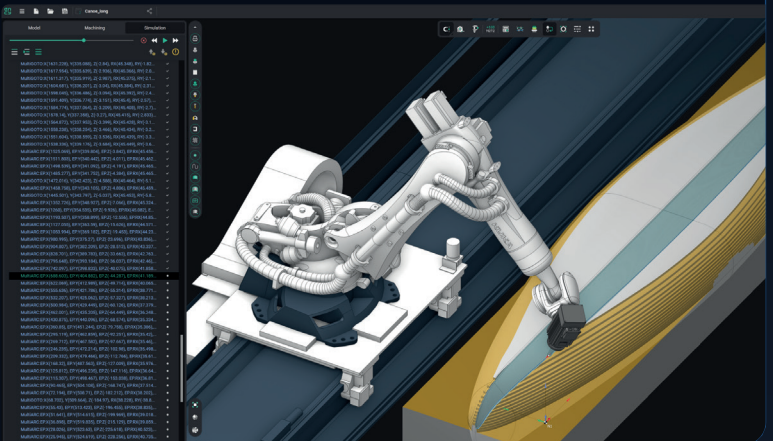
- Modern interface with a dark theme
- Extensive technological capabilities
- Powerful Multiaxis Milling, Mill-Turn & Swiss Turning
- Additive & Hybrid manufacturing
- Machine-Aware Technology: toolpath calculation considering the digital twin of the machine
- Direct toolpath editing
- State-of-the-art simulation
- Postprocessor generator



ENCY Robot

A complete offline robot programming solution

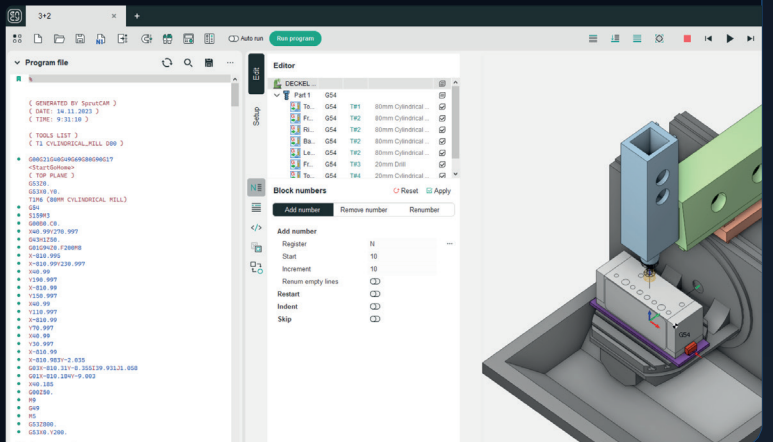
- A true all-in-one package: design, technology setup, toolpath calculation and simulation
- Support for robots with any kinematics
- Robot kinematics optimization for singularity avoidance and collision free movements
- Zero-code digital twin builder for robotic cells
- Pre-defined postprocessors and high-quality 3D models of robots from top brands



ENCY Tuner

Shop-floor NC-code simulation software

- State-of-the-art G-code machining simulation
- Flexible NC code editing
- NC program reengineering
- Support for CNC machines and robots
- Detection of Collisions and Errors
- Virtual Setup and Tool Management
- Wide selection of postprocessors and interpreters
- Capability for direct installation in CNC controllers

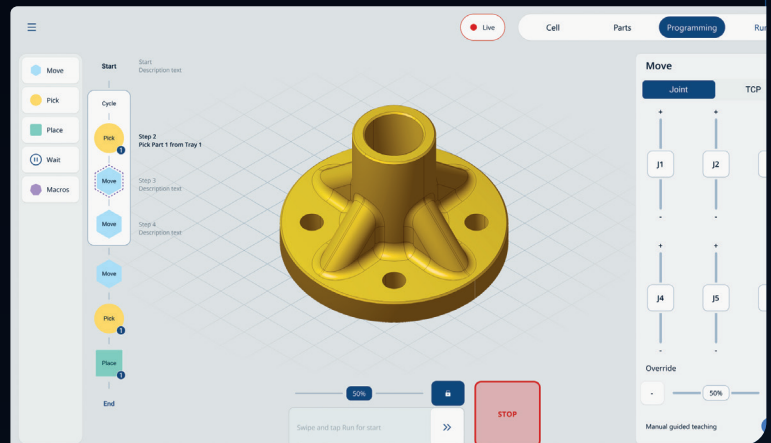


Comprehensive Product Line

ENCY Hyper

Real-time robot programming software

- Embedded controller software for toolpath calculation, collision avoidance, simulation, and direct control of robots and cells
- Full power of ENCY available, including CAM strategies and obstacle avoidance algorithms
- An intuitively designed touch-based UI with a puzzle-style programming workflow
- Real-time features: tracking program execution, receiving data from sensors, etc.



ENCY AI

The magic of artificial intelligence for real manufacturing

- An industry-leading support AI integrated into the ENCY software suite. Unlike other systems, ENCY AI does not need text prompts or queries – it analyses the 3D model and provides appropriate workflow recommendations, along with predictions of progress and outcomes of the machining project
- ENCY AI is targeted at supporting all skill levels, ranging from explanation of commands and canned cycles through to offering advanced optimization suggestions for experienced users
- Automagic generation of usable NC code from user text descriptions of the desired operations
- Write code in Python to create .dxf or .stl files

ENCY Clouds

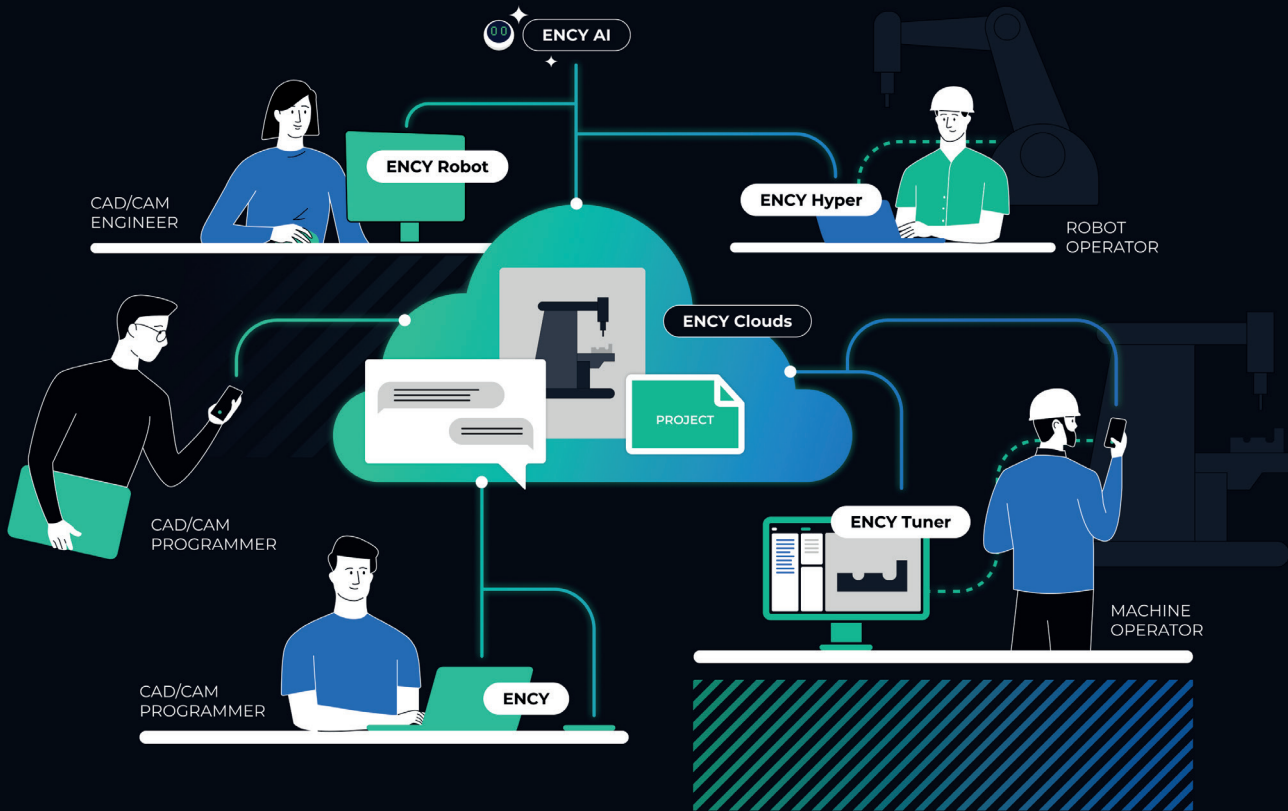
Cloud-based digital workspace for CAD/CAM programmers and machine operators

- Naturally integrated into ENCY's CAD/CAM workflow
- Exchange projects via Cloud with your collaborators (CNC programmers, robot integrators, suppliers, experts)
- One click push/pull for project share and update
- Online chat with support for videos, screenshots, screencasts, photos, and documents
- Mobile app with push notifications and the ability to upload photo and video media directly to the project chat
- Private cloud storage for user projects
- Available in ENCY flagship products and supports interaction with ENCY Tuner, ENCY Hyper, and ENCY AI

*Not all features mentioned will be available at launch or in every country

ENCY X: CAD/CAM ecosystem built to transform the way you work

ENCY X extends the value of ENCY CAD/CAM software by leveraging the cloud-based collaboration platform to provide a single, unified, collaborative environment, enabling everyone involved in CAD/CAM programming to seamlessly contribute to the implementation and manufacturing process.



About us

ENCY SOFTWARE LTD, the developer and supplier of these products, is headquartered in the EU, in Cyprus.

For over three years, our team has been dedicated to transforming the CAD/CAM workflow. We aim to create a natural environment for the next generation of CAD/CAM engineers, breaking the boundaries of traditional solutions with advanced communication tools and AI. Our goal is to ensure the industry's fastest transition from design to finished part, making your processes more efficient and innovative.

Experience the future of CAD/CAM with ENCY. Explore our solutions, request a demo, or contact us to learn how we can help you revolutionize your workflow.

ency

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