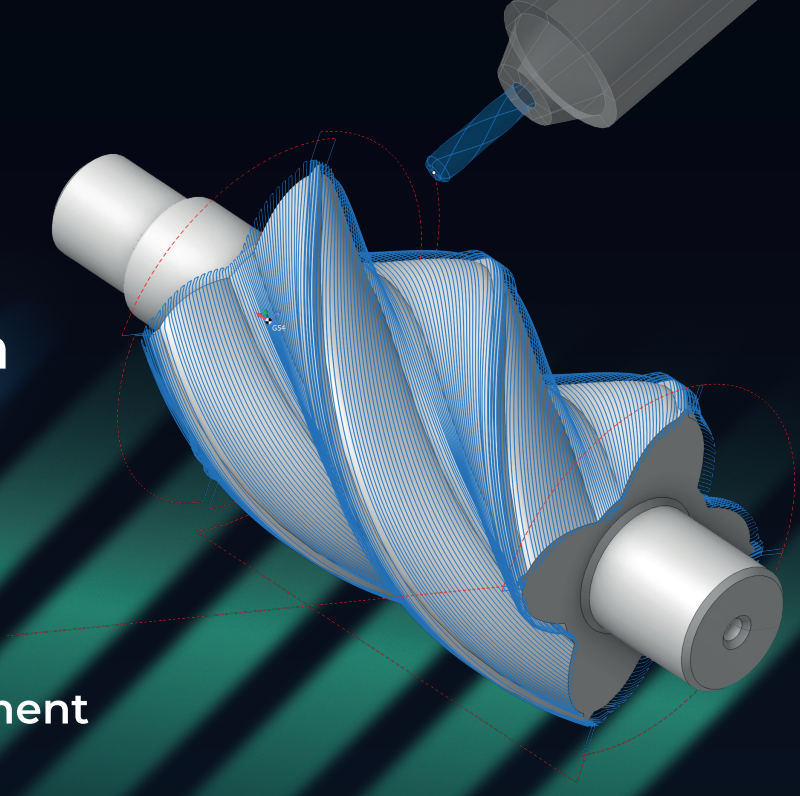
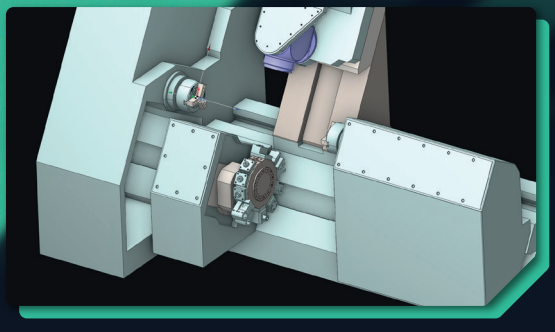
ENCY: CAD/CAM for a new generation

Delivering sophisticated CAM technology with an intuitive user interface and natural workflow



Superior CAD/CAM environment

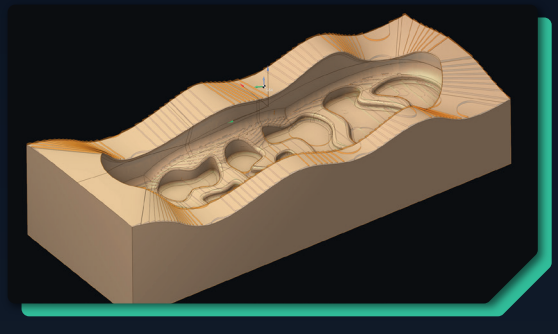


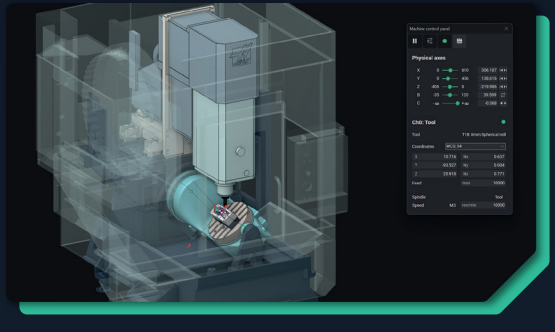
Machine aware toolpath calculation

Toolpaths are optimized based on the specific capabilities, limitations, and characteristics of the target machine. This ensures that the toolpaths generated by the ENCY are tailored to leverage the strengths and accommodate the constraints of the particular CNC machine being used.

Stock Tracking

ENCY features stock tracking technology. It involves monitoring and updating the virtual model of the stock material (the raw material from which the part is being machined) to reflect the material removed during each machining operation. This ensures efficient toolpath generation, collision and interference checking verification and validation.



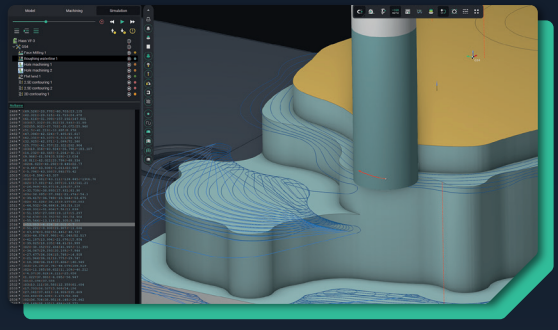


State-of-art simulation

ENCY offers comprehensive simulation features including full machine simulation, ultra-fast high-quality voxel simulation and ultra-precise solid simulation for material removal, additive simulation, and painting simulation, ensuring detailed and accurate representation of the entire machining process.

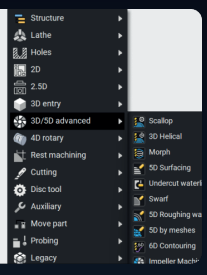
NC-code verification

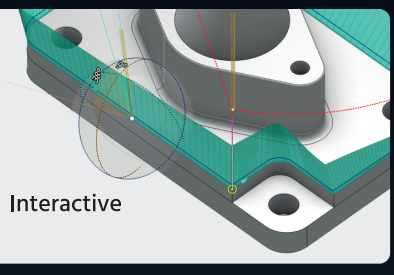
ENCY includes an NC-code based simulation and verification feature, allowing users to accurately simulate and validate the actual G-code to ensure precise and error-free machining operations before execution on the CNC machine.



Highlights

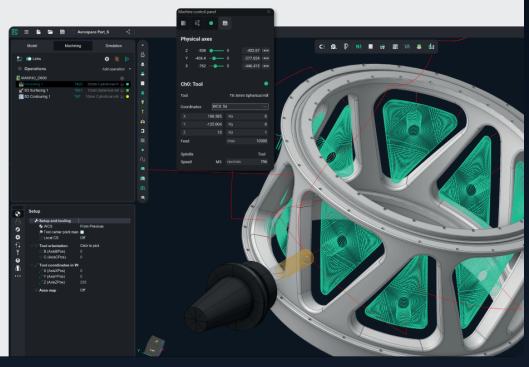
A wide range of machining strategies from 2D to 5D

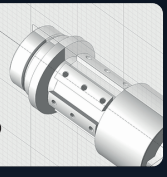




Interactive

State-of-art interface



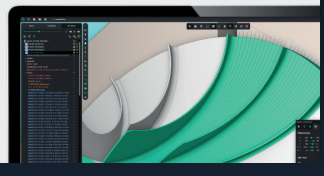


Parametric CAD

NC-code simulation and verification

%001
→1 GO
N2T2

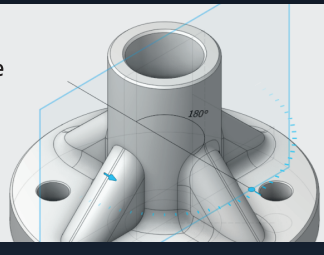
Crisp at 4K screens



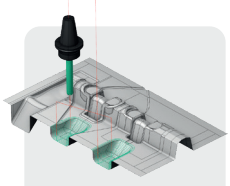
Open API



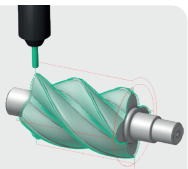
Technological independence



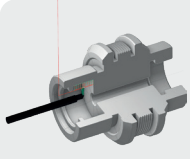
Applications



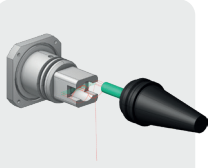
2.5x and 3x mill



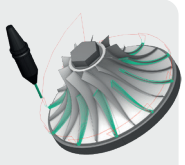
Rotary



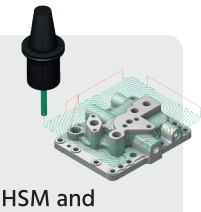
Lathe



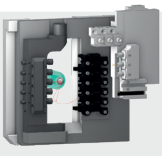
Mill-turn



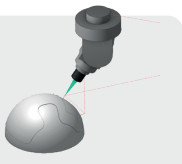
Multiaxis



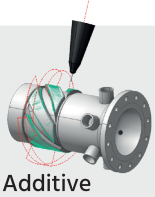
HSM and adaptive



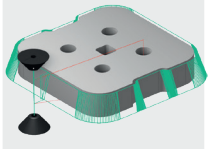
Swiss and MTM



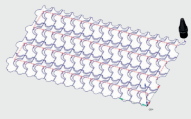
5-6D cutting



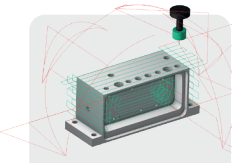
Additive and hybrid



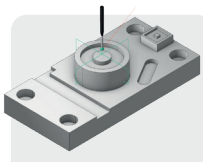
EDM



2D cutting



G-code based simulation



Probing cycles

About us

ENCY SOFTWARE LTD, the developer and supplier of this product, is headquartered in the EU, in Cyprus.

For 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 SOFTWARE LTD

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