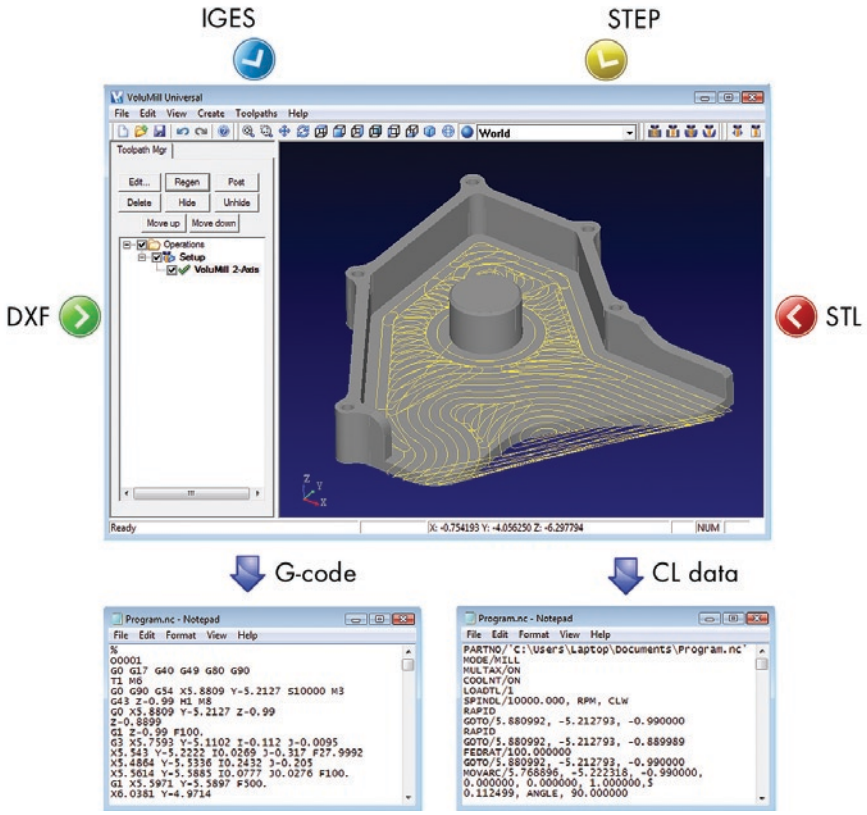
VoluMill Universal™

VoluMill Universal™ is a stand-alone, ultra high-performance toolpath engine from Celeritive Technologies that can be used with any type of CAM system. VoluMill high-speed toolpaths are cutting cycle times by up to 80 percent while doubling and even quadrupling tool life in some cases.

VoluMill Universal is a full-featured, 2- and 3-axis toolpath engine for any geometric configuration, including open shapes and islands. Part geometry is received from any CAM system in popular neutral formats, such as DXF, IGES, and STEP. A dialog accepts the input parameters for the toolpath, and the output is in the form of G-code—from integrated post processing—or CL data. The viewing and manipulation functions included are second nature to NC programmers, so ultra high-performance toolpaths can be generated within minutes of installing the software.



KEY FEATURES

- 2-axis toolpath creation for roughing and rest milling
- Import DXF, IGES, and STEP files for geometry definitions
- Robust geometry chaining to easily designate part and material boundaries
- Ability to edit, regenerate, reorder, backplot, post process, hide, unhide, and delete toolpaths
- Perform multiple setups per operation and multiple toolpaths per setup
- Robust coordinate system creation and manipulation
- Pan and rotate via icons or mouse buttons
- Ability to zoom to window, zoom to fit, or dynamic zoom with scroll wheel, with the zoom origin determined by the cursor location
- Icons and Alt-keys to access the six standard orthographic-projection views plus an isometric view
- Unlimited undo and redo
- Outputs G-code, CL, and Mastercam® NCI data
- 3-axis toolpaths for rough milling and rest milling freeform shapes
- Import STL files for part and/or stock definitions
- Easily create cylindrical or rectangular stock
- Set color and transparency on STL meshes
- Multi-threaded for faster calculations where multiple processors are available

Call for a FREE TRIAL today!

Call 888-253-6701 or visit www.volumill.com