EnRoute® 7

SAi EnRoute 7 takes CAD/CAM production to the next level. For use in signmaking, woodworking and fabrication industries, EnRoute simplifies your workflow, taking you from concept, to design, to finished product in less time. EnRoute combines intuitive design tools with a powerful toolpath engine that creates output for your CNC machine. Your cut jobs easier, faster and higher quality than ever before.

New in EnRoute 7

- 64-bit engine
- New ATP processor
- Updated user interface
- SAi Cloud Window
- Selection window
- Displayed filled contours
- Select and move in perspective
- Double click text
- User knowledgebase

Features

- Draw freehand using stylus or mouse
- Vectorization converts to usable contours
- Precision editing tools for texts and shapes
- Ready-to-use texture templates
- 2D and 3D design and editing
- Realistic simulation reveals errors before you cut
- Customizable material library
- Advanced nesting for efficient use of materials
- Remant creation for leftover sheet use
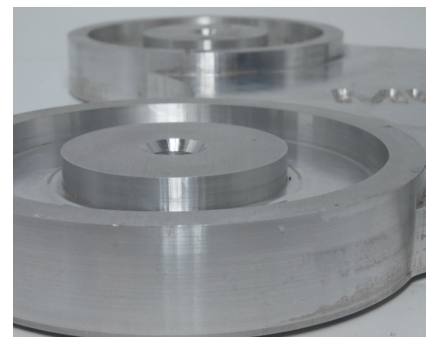
Applications

2D & 3D Signs

Channel Letters

ATP Panels

Woodworking

Textured Panels

Metal & Aluminum Machining

SAi EnRoute 7 Features

		COMPLETE SUBSCRIPTION	DESIGN SUBSCRIPTION	BASIC	PLUS	PRO
DESIGN	Complete set of 2D CAD and editing tools	●	●	●	●	●
	Graphic design tools (vectorize, point cleanup, distort)	●	●	●	●	●
	Advanced text tools (supports OneLineFonts.com)	●	●	●	●	●
	Current 2D import filters (dxf, dwg, ai, eps)	●	●	●	●	●
	Shape wizards including Boxster	●	●	●	●	●
	Interlocking component creator	●	●	●	●	●
	Rapid texture and rapid picture	●	●		●	●
	NEW - Flatbed distortion tool	●	●			
TOOLPATHING	**NEW -** No-lift fill optimization	●	●	●	●	●
	Advanced 2D toolpathing and drilling	●	●	●	●	●
	3D Engrave carving, pyramid tool, 3D clean pass	●	●		●	●
	Start point control, bridge editing, toolpath distort	●	●	●	●	●
	3D Relief surface cutting, carve into surface	●	●			●
	2D Ortho and 3D simulation with realistic material	●	●	●		●
3D SURFACING	3D Relief creation and editing	●	●			●
	Textures (parametric and bitmap)	●	●			●
	Symmetric parametric texture panels	●	●			●
	Vertical relief slicing	●	●			●
	Relief slicing with toolpath mask	●	●			●
	Mesh unwrapping for rotary cutting	●	●			●
	NEW - Primitive / polygon tool	●	●			●
NESTING	True shape nesting (3 nesting engines)	●	●	OPT	●	●
	Block nesting with common line	●	●	OPT	●	●
	Nest around obstructions	●	●	OPT	●	●
	Create remnants	●	●	OPT	●	●
	Multi-layer nesting	●	●	OPT	●	●
	Dynamic "quick fit" (manual nesting)	●	●	●	●	●
	Auto toolpath for DXF files, cabinet programs	●		OPT	OPT	
	Nesting report	●	●	OPT	●	●
PRODUCTION	**NEW -** Improved selection window	●	●	●	●	●
	NEW - Moving objects in perspective	●	●	●	●	●
	NEW - Cloud resource tools	●	●	●	●	●
	NEW - 64 bit / modern interface	●	●	●	●	●
	On-demand right click training movies	●	●	●	●	●
	Save and reuse toolpaths for fast workflow	●	●	●	●	●
	Phone and e-mail support, YouTube movies	●	●	●	●	●
	BackPlot plugin for output verification	●	●	●	●	●
	Hundreds of machine drivers (posts)	●		●	●	●