



# enROUTE

THE LEADING PROVIDER OF CNC SOFTWARE

## SOFTWARE FOR SIGN MAKING

EnRoute simplifies your sign making workflow, taking you from design concept to finished product in less time. EnRoute combines intuitive and easy-to-use design tools with a powerful toolpath engine that output cutting instructions to your CNC machine. From cutting basic letters to intricate 3D architectural signs, EnRoute makes every step in your process easier and faster.

### TYPES OF SIGN APPLICATIONS

- Channel Letter
- 2D Dimensional Signage
- Architectural Signs
- Inlays and Push Through
- V-Groove Signs
- 3D Artistic Signs
- Pyramid Letters
- Decorative Engraving
- Awards and Plaques
- Textured Signs



### CREATIVE DESIGN FEATURES

- Draw Freehand Using Stylus or Mouse
- Powerful Vectorization Engine Converts Imported Artwork to Line and Contours
- Jigsaw and Weld Tools for Editing Shapes
- Precision Editing Tools
- Advanced Text Editing
- 3D Design and Editing
- Parametric and Rapid Textures
- Ready-to-use Texture Templates



### PRODUCTION FEATURES

- Realistic Simulation Reveals Error Before You Cut
- Toolpaths Associated With The Geometry for Fast and Easy Re-Sizing
- Save and Recall Toolpath Strategies for Fast Set-Up
- Customizable Material Library Includes Feed and Speeds Decreases Job Set-Up Time
- Advanced Nesting for Efficient Use Of Materials
- Remnant Creation Saves & Reuses Left-Over Sheets Effectively Reducing Material Waste



#### SAI Headquarters

1800.229.9068 | 801.478.1900 | [info@ThinkSAI.com](mailto:info@ThinkSAI.com)

#### SAI Europe

+32 2 725.52.95 | [EU-info@ThinkSAI.com](mailto:EU-info@ThinkSAI.com)

# Top SAI EnRoute Features

		BASIC	PLUS	PRO	SUBSCRIPTION
DESIGN	Complete Set of 2D CAD and Editing Tools	IMPROVED	●	●	●
	Graphic Design Tools (Vectorize, Point Cleanup, Distort)	IMPROVED	●	●	●
	Advanced Text Tools (supports One Line Fonts)	NEW	●	●	●
	Current 2D Import Filters (DXF, DWG, AI, EPS)		●	●	●
	Shape Wizards Including Boxter	IMPROVED	●	●	●
	Interlocking Component Creator	NEW		●	●
	Rapid Texture and Rapid Picture	IMPROVED		●	●
TOOLPATHING	Advanced 2D Toolpathing and Drilling	IMPROVED	●	●	●
	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	IMPROVED		●	●
	Textures (Parametric and Bitmap)	IMPROVED		●	●
	Symmetric Parametric Texture Panels	NEW		●	●
	Vertical Relief Slicing	NEW		●	●
	Relief Slicing with Auto Toolpath Mask	NEW		●	●
	Mesh Unwrapping for Rotary Cutting	NEW		●	●
	2D Mesh Model Stacker	NEW		●	●
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	IMPROVED	OPT	OPT	●
	Auto Toolpath Lite for Active EnRoute Files	NEW		●	●
PRODUCTION	On Demand Right Click Training Movies	NEW	●	●	●
	Save and reuse Toolpaths for fast workflow		●	●	●
	Phone and Email Support, YouTube Movies	IMPROVED	●	●	●
	BackPlot Plugin for Output Verification		●	●	●
	Hundreds of Machine Drivers (Posts)	IMPROVED	●	●	●