EnRoute Fabrication is intuitive CAD/CAM software designed to provide an easy way to create and output files for CNC Plasma, Waterjet or Laser. EnRoute Fabrication combines an easy-to-use interface and simplified output process to provide a complete and powerful CAD/CAM solution at a great value.

ENROUTE’S CAD CAPABILITIES MAKE IT EASY TO DESIGN PARTS AND EDIT PARAMETERS

CAD DRAWING TOOLS
EnRoute Fabrication offers a logically organized interface and CAD drawing tools that lets you design both visually or parametrically.

FAST AND EFFICIENT VECTORIZING
EnRoute’s vectorization tool -- the best in the industry -- converts bitmap images into clean lines ready for resizing or cutting in just one click of your mouse. A real time-saving feature.

FONTS AND GRAPHICS
EnRoute Fabrication includes a fonts and graphics library that expands your design capabilities and provides another added value.

Behind EnRoute’s user-friendly interface is a powerful, state-of-the-art CAM program with features that will help you improve your cut quality, increase your machine throughput and reduce your material waste.

KERF COMPENSATION
A simple dialog box interface allows you to easily determine what parameters you want to use when cutting and stores the information for easy recall.

CUTTING TOOLPATHS
EnRoute Fabrication includes several advanced toolpathing features, such as Daisy-Chain Cutting Common-Line Cutting, Looped Corners, and Smart Entry-Exit Positioning, design to optimize efficiency and to provide high quality finished parts.

NESTING SUITE
EnRoute Fabrication simplifies the output process with four nesting algorithms that will automatically position your parts to save material and the Nesting Chooser feature gives you ability to specify the number and priority of parts to be cut prior to nesting.

When you compare the cost of EnRoute Fabrication software with the savings -- in time and materials -- that you can get in return, you realize that EnRoute Fabrication is an exceptional value and should be part of your fabrication shop.

www.thinksai.com
# EnRoute 6

**Fabrication Features**

<table>
<thead>
<tr>
<th>FABRICATION</th>
<th></th>
</tr>
</thead>
</table>
| **CAD Drawing Tools**  
(Shapes, Text, Offsets) |   |
| **Editing Tools**  
(Weld, Fillet, Point Edit, Cleanup, Trim/Extend, Jigsaw, Cut by Line) |   |
| **Design Tools**  
(Snaps, Move, Scale, Rotate, Dimensions, Measure, Multicopy, Mirror, Align) |   |
| **Fonts and Graphics Package** |   |
| **Auto Tool Path** |   |
| **Vectorize**  
(Convert Bitmap to Cut Contours) |   |
| **Kerf Compensation** |   |
| **Drilling and Tapping** |   |
| **Simulation of Kerf Path**  
(2D Simulation, Ortho View, Can Set Output Order from Any Simulation) |   |
| **Quick Fit Nesting** |   |
| **Saved Templates**  
(Toolpaths, Plate, Kerf Diameter) |   |
| **Smart Ordering** |   |
| **Scribing**  
(for part marking) |   |
| **Remnant Creation and Utilization** |   |
| **Output to Gcode**  
(one post included with software) |   |
| **Advanced Nesting ATP**  
(True Shape, Dynamic, Copy-Nesting) |   |

---

## NEW IN ENROUTE 6

**+FASTER REDRAW**  
This speeds up the drawing and红rawing of contours, toolpaths, and meshes. Every time you zoom, pan, switch views, or redrew the drawing, it will be faster.

**+ZOOM & PAN**  
The Bridge and Start point, Cut by line and Jigsaw tools now allow zooming and panning within the tool.

**+NEW SNAPS**  
New snap to help identify overlapping line segments. To aid with cleanup of imported contours with extra lines.

**+CONE WIZARD**  
Allows for cones to be created that have the same center point or offset center points.

**+ON-DEMAND TRAINING**  
EnRoute puts the answers at your fingertips. Right click on a button and a short movie explaining that tool will play.