



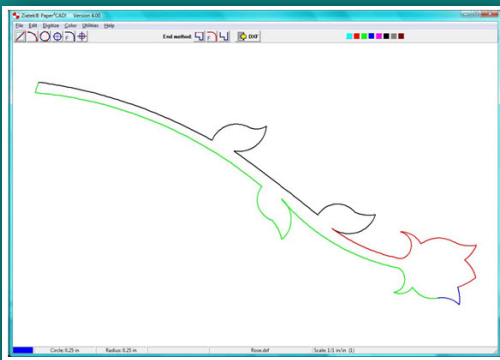
# Ziatek® Paper<sup>2</sup>CAD!

## Art-to-Part Software

- Convert paper drawings to electronic drawings
- Automatically generate DXF files for CNC machining of 2D parts

**Ziatek® Paper<sup>2</sup>CAD** is a computer program that solves two of the biggest problems that challenge those who need to convert paper drawings or 2D parts to electronic drawings. The two challenges are:

- Conversion of paper drawings to electronic drawings without expensive scanners or less-than-perfect raster-to-vector conversion software, and
- Acquiring fast and accurate geometry of parts that are to be machined by CNC equipment.



Art Piece Digitized with **Ziatek® Paper<sup>2</sup>CAD!**

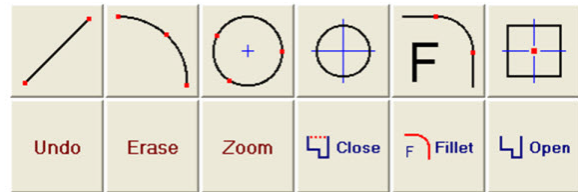
#### Recommended Hardware:

- 3 GHz Pentium Processor
- 1 GB Hard Drive
- 1 MB RAM
- X VGA display adaptor and color monitor
- Mouse & Keyboard
- RS-232 port
- Windows-95 or higher operating system
- GTCO-compatible digitizer

#### Digitizer Compatibility:

- Altek
- Touchstone Stealth
- GTCO/CalComp
- Kurta
- Numonics
- Science Accessories Corp.

**Ziatek® Paper<sup>2</sup>CAD!** is an intuitive Windows program that is used to digitize paper drawings into electronic drawings by interfacing to a digitizing tablet. The digitizing tablet generates (x, y) coordinates that are processed by **Ziatek® Paper<sup>2</sup>CAD!** and converted to line segments, arcs and circles. **Ziatek® Paper<sup>2</sup>CAD!** will output the digitized geometry into an industry standard Drawing Exchange Format (DXF) file that can be imported into virtually any CAD program. Furthermore, the DXF file can also be read by Computerized Numerically Controlled (CNC) machines for generation of G-Code for tool path definition used by WaterJet, Laser, Plasma, Router, etc., automated machining centers for cutting of two-dimensional shapes.



Ziatek® Paper<sup>2</sup>CAD! Menu Pad

Digitized objects can comprise line segments, arcs, circles or discrete points. Eight different colors are available for any color-coding scheme required.

**Ziatek® Paper<sup>2</sup>CAD!** is used for drawing and/or fabrication of many 2D planar objects including, but not limited to:

- Sink cutouts for granite or Solid-Surface kitchen counter tops.
- Stone or tile inlay work.
- Signage that is fabricated from a variety of materials
- Aluminum aircraft instrument panels
- Wooden cabinet components fit to boat hulls that are scribed with a digitizer
- Gaskets
- Etc.!

#### Software Pricing:

**Ziatek® Paper<sup>2</sup>CAD!**

**\$ 495**

#### Distributed by VectorTec

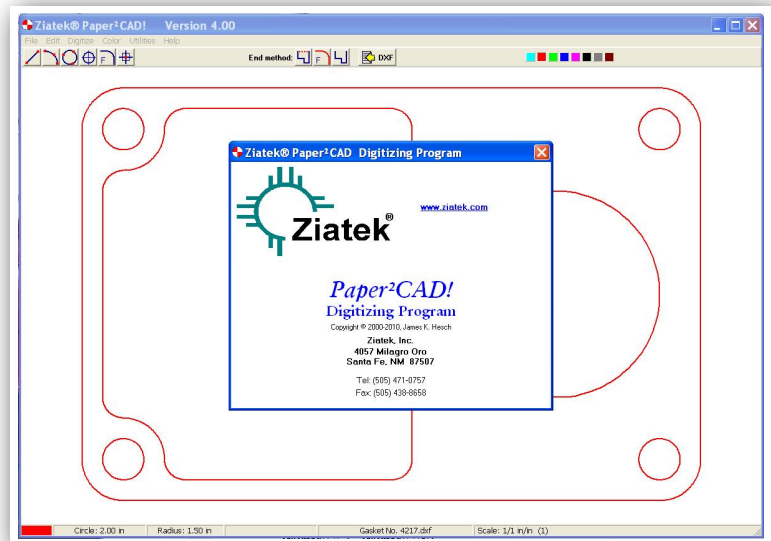
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# Ziatek® *Paper<sup>2</sup>CAD!*

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**Ziatek® *Paper<sup>2</sup>CAD!*** Main Screen with Splash Screen Overlaid

Operation of the program is easy and intuitive, requiring little training before an end user is proficient with it. The graphic image verifies correct and complete digitizing. The output DXF file can be imported into virtually any CAD program if post-digitizing editing is required, or can be imported directly into a CNC machine for generation of G-Code. The speed with which a CNC-ready file can be created is nothing short of breath-taking, reducing the art-to-part cycle to a mere fraction of what it would be without **Ziatek® *Paper<sup>2</sup>CAD!***

A palette of eight colors is available to assign any user-defined color scheme to the graphic entities.

In addition to digitizing paper drawings, actual parts can be digitized directly on the digitizing tablet.

Drawings can be digitized in **Ziatek® *Paper<sup>2</sup>CAD!*** at any scale in any of the popular units, both metric and imperial. The output file is saved in "real world" scale.

The benefits enjoyed by users of this program include:

- Orders of magnitude increase in productivity over manually creating an electronic version of a paper drawing or 2D part in any CAD program.
- The digitizing tablet and **Ziatek® *Paper<sup>2</sup>CAD!*** software combination is considerably less expensive than the cost of large format scanners.
- Scanned raster images are usually huge files. DXF files, by comparison, are very compact.
- DXF files are universally compatible with other graphics software. Raster images are not compatible with vector-only image display programs.
- Rarely is a scanned image ready to go directly into a CNC machine. **Ziatek® *Paper<sup>2</sup>CAD!*** always produces a CNC-ready file!