

Improve your current design process by maximizing the use of your legacy paper drawings.

All the raster editing and manipulation capabilities of GTXRaster CAD® with the added functionality of automatic raster to vector conversion for your AutoCAD® environment.

USER BENEFITS

MORE EFFECTIVE USE OF EXISTING DESIGN ASSETS

Restore, edit and cleanup your scanned images efficiently, using powerful raster manipulation commands. Then quickly and automatically convert selected or all text or geometry into intelligent entities.

REDUCE DESIGN COSTS

Merge critical legacy archives quickly and efficiently. Save up to 75% of labor costs compared to manual drafting or overlay conversion methods using the easy-to-use batch conversion utility.

INCREASE DESIGN PRODUCTIVITY

Work with multiple drawings in a single session with the new Multiple Drawing Environment (MDE).

PRODUCT HIGHLIGHTS

GTXRaster CAD

See back for product highlights such as Intelligent Object Picking™ (IOP).

AUTOMATIC RASTER TO VECTOR CONVERSION

Quickly convert any or all selected raster into rectified and accurate AutoCAD entities such as lines, arcs, circles, polylines, splines and true AutoCAD text. Arrowhead recognition, line-style and cross-hatching separation and the ability to set a gap jump variable, further increase conversion accuracy.

GTX OSR®

This batch conversion module recognizes and converts scanned raster data into lines, arcs, circles, polylines and arrowheads. It includes accurate decision-making at intersections and user-controlled rectification of line geometry to ensure lines are snapped orthogonally. It also provides fast and accurate conversions of GIS applications (such as contour maps and grid line extraction).

GTXRaster ICR™ TEXT RECOGNITION

Provides true Intelligent Character Recognition (ICR), based on hybrid neural-net technology, in your AutoCAD environment. Train the software to automatically recognize text characters associated with individual or company drafting styles. This advanced technology even recognizes touching text and provides a dictionary and pattern matching to further improve your text conversion results.

VECTOR CLEANUP

These efficient vector cleanup tools enhance your converted raster drawings with commands that automatically trim or extend selected intersections or make all circles alike or concentric.

FLOATING NETWORK LICENSE OPTION

Supports multi-user implementation within the enterprise environment.

KEY FEATURES

- AutoCAD 2000-compatible
- Multiple Drawing Environment
- Enhanced raster manipulation performance

GEOMETRY RECOGNITION

- Selective or full conversion
- Dashed arc recognition
- True arc/circle recognition
- Boundary/Edge tracing
- Intersection cleanup
- Ortho and angle snap
- Contour/Polyline recognition

- "Z" value (elevation) option
- Polyline smoothing
- Edge recognition and snap
- Dashed line alignment
- Cross-hatch recognition and separation

TEXT RECOGNITION

- Character recognition
- Word recognition
- Size independent
- Font independent
- Orientation independent
- Combinations of training files
- Neural network engine
- Trainable character sets
- Trainable font recognition
- Training file editing
- Look-up dictionary
- Pattern matching

ADDITIONAL PRODUCT FEATURES

- Automatic snap to raster or vector entities using AutoSnap™
- Direct scanner support
- Network installation feature
- Support for raster in paper space
- Multiple raster undos
- GTX OSR batch conversion
- Vector cleanup commands
- Integrated "Save" commands
- Automatic color/grey reduction to bitonal
- AutoLISP® support for all GTX commands
- GTXRastrans converts between supported raster formats
- Adds support for GTX raster formats in AutoCAD

SYSTEM REQUIREMENTS

OPERATING ENVIRONMENT:

Windows® 95, 98 and Windows NT 4.0

RECOMMENDED HARDWARE:

Pentium or equivalent processor, 32MB RAM, 30MB free hard disc space, 128MB swap space

Intelligent Paper to CAD Solutions®

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