

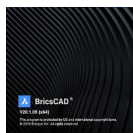
## Intelligent Paper to CAD Solutions®

### GTXRaster CAD® 2021 Series

### Quick Reference booklet

GTXRaster CAD® PLUS

GTXRaster CAD®



GTX Raster CAD BricsCAD V21

## Installation

If you are installing a purchased product, be sure to install the correct product or it will only run in demo mode.

If you are evaluating the software, please note that each product includes different features. You can install *PLUS* to try out most of the series' features.

- 1) Run RCAD202164EN\_BricsCAD.exe
- 2) When asked for the product you are installing, select GTXRaster CAD or GTXRaster CAD *PLUS*.

If you are installing a Demonstration version you do not need to activate your license.

## Activate Your License

For licensed products:

**GTX Raster CAD 2021 Series** is licensed by a Software lock, this can be either a single user license or a network floating license.

For Software Locking please refer to the following help file:  
[GTX\\_Flex\\_Licensing.chm](#)

### MINIMUM SYSTEM REQUIREMENTS:

















Windows® 10 (32 & 64 Bit)

Windows® 8/8.1 & 7 (32 & 64 Bit)

Pentium 4 or equivalent processor,  
2GB RAM, 100MB free hard disc space & 512MB swap space.  
Full BricsCAD Pro & Platinum V21


















# Imaging Commands

Command	Result	Available
 GTX	GATTACH Loads or attaches a raster image	ALL
 PDF	GPDFAttach Loads or attaches a PDF image	ALL
 GIMPORT	Loads or attaches a CALS or .CG4 Image	ALL
 GDETACH	UNLoads or detaches a raster image	ALL
 GINFO	Obtains details about the current raster image	ALL
 GCREATE	Creates a new raster image	ALL
 GSAVE	Saves the currently selected raster image	ALL
 GPDFSave	Saves the currently selected raster image to a PDF	ALL
 GCUT	Cuts raster to a file or a memory buffer.	ALL
 GPASTE	Pastes raster data into current image from buffer or raster file.	ALL
 GRESIZE	Resizes the active image	ALL
 GINVERT	Reverses the background and foreground raster colors of the current raster image.	ALL
 GACTIVE	Loads an image and makes it "current"	ALL
 GINACTIVE		
 IMAGEFRAME	Displays image frames so you can select images.	ALL
 GHELP	Launches GTXRaster CAD Help File	ALL




# Edit Commands

Edit commands let you directly edit drawings without converting them to vector first.

Command	Result	Available
 GERASE	Erases selected raster.	ALL
 GCOPY	Copies selected raster to a new location in the current image.	ALL
 GMCOPY	Multiple Copies of selected raster to a new location in the current image.	ALL
 GMIRROR	Mirrors selected raster across a mirror line.	ALL
 GOFFSET	Offsets raster lines, arcs and circles.	ALL
 GARRAY	Copies selected raster data in rectangular or polar arrays.	ALL
 GMOVE	Moves selected raster data.	ALL
 GROTATE	Rotates selected raster data to a specified angle.	ALL
 GSCALE	Scales selected raster data by a specified scale factor.	ALL
 GCOORDS	Resizes the raster image by a specified measurement.	ALL
 GCHANGE	Stretches raster lines, arcs and circles.	ALL
 GCTEXT	Change raster text by text replacement	ALL
 GSLICE	Slices raster objects that should not be joined.	ALL
 GRUB	Erases raster under selected vector objects.	ALL
 GSMOOTH	Smoothens the selected raster data.	ALL
 GWARP	Stretches areas of the current image between source and destination points.	ALL
 GREFLCT	Reflects the current image about the X or Y axis.	ALL









## Modify Images Commands

Modify Images commands applies the AutoCAD Move, Copy, Scale and Rotate commands to all images at once.

Command	Result	Available
 GMAI	Moves all images.	ALL
 GCAI	Copies all images.	ALL
 GSAI	Scales all images.	ALL
 GRAI	Rotates all images.	ALL











## Enhance Commands

Enhance commands provide an effective way to prepare an image for editing or conversion.




Command	Result	Available
 GTURN	Quickly Turns the active image by a multiple of 90 degrees.	ALL
 GDESKEW	Deskews the current image.	ALL
 GADESKEW	Automatically deskews the current image.	ALL
 GSPECKLE	Deletes speckles from the current image.	ALL
 GCLEANIOP	Automatically deskews and despeckles the current image.	ALL
 GACLEAN	Automatically cleans and deskews the current image.	ALL
 GCROP	Deletes all raster data outside a specified rectangular window.	ALL
 GERASE	Erases selected raster.	ALL

## Conversion Commands








Conversion commands translate data from one format to another (i.e., raster to vector).

Command	Result	Available
 GCONVRT	Converts raster data to AutoCAD vector geometry.	PLUS
 GHTEXT	Edit vector text and create a raster underlay.	ALL
 GHYBIRDMODE	Enable vector overlay of drawn raster lines, arcs, circles, rectangles and text.	ALL
 GRASTER	Converts vector objects to raster.	ALL
 GECONVRT	Converts the edges of solid raster to vector objects.	PLUS
 GEDGE	Removes the inside of solid raster regions, leaving only the edge.	ALL
 GBURN	Converts all vector objects in the drawing to raster ("burns" to raster).	ALL
 DRAWORDER	Moves all raster image entities' draworder to back.	ALL
 GTRACE	Traces over raster objects with vector entities	ALL
 GVECTOR	Converts a single raster entity into vector	ALL

## TEXT Conversion Commands


























Command	Result	Available
 GTCONFIG	Configures text conversion.	PLUS
 GTRAIN	Trains ICR recognition files.	PLUS
 GTCONVRT	Converts raster text to AutoCAD text objects.	PLUS

# GTX Draw Commands

Command	Result	Available
 GTEXT	Draws raster Text in the current image.	ALL
 GLINE	Draws a raster line in the current image.	ALL
 GARC	Draws a raster arc in the current image.	ALL
 GCIRCLE	Draws a raster circle in the current image.	ALL
 GLINE2	Draws multiple raster lines in the current image.	ALL
 GRECTANGLE	Draws a raster rectangle in the current image.	ALL
 GROTRECTANGLE	Draws a raster rectangle at any orientation angle.	ALL

## Intelligent Object Picking (IOP)

IOPs permit you to accurately select shapes within raster drawings.

IOP	Result	IOP	Result
 Window	All in rectangle	 PWindow	All in polygon
 Crossing	Inside & crossing polygon	 PCrossing	Inside & crossing polygon
 Inside	Entirely within rectangle	 Pinside	Entirely within polygon
 RWindow	All in rotatable rectangle	 RCrossing	Inside & crossing rotatable rectangle
 RInside	Entirely within rotatable rectangle	 Fence	Crossing polyline
 Line	Intelligent Line	 Arc	Intelligent Arc
 2p-Circle	Intelligent Circle	 Circle	Intelligent Circle
 Object	Isolated object	 Segment	Contour/Segment
 AllText	All Text	 Text Win	Text Window
 Text Line	Text Line	 Under	Under vector
 Add	Adds to selection	 Previous	Previous selection
 Remove	Removes from selection	 All	All Raster
 Undo	Undo last pick		

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