



gXconvert

Your Software Solutions Provider

Allegria Software
a subsidiary of netGuru, Inc.

gXconvert™ by Allegria Software, Inc. is a universal conversion program for a variety of graphics file formats. This includes conversion between all important raster, vector and hybrid formats. Individual input filters are used to read these different formats and they can be converted to nearly all important output formats in today's market (see Tables 1 & 2).

The **main highlights** of the product include plotting and printing to graphical output devices, connectivity to and integration into an archiving and documentation retrieval system, and displaying drawings on-line and converting formats for transfer between applications.

Table 1: gXconvert supported input formats

CGM and CGM+	HPGL, HPGL/2 and HP RTL
CalComp (906/907, HCBS)	Versatec Random Format
GKS Metafile	PostScript and PDF
Raster (TIFF G1-G5, XWD, Intergraph Raster, Epson, etc.)	CALS (Rastertype 1 and 2)
CAD Plotting (Tape9, Anvil)	Image Formats (Catia Image, SGI Image)

Table 2: gXconvert supported output formats

HPGL and HPGL/2	CGM
CalComp (CCRF)	CalComp (906/907, HCBS)
Raster Image File 1 (TIFF G1, G4 and G5, CCITT G4, CALS Rastertype 1)	Raster Image File 2 (XWD, Windows BMP, X11 Bitmap, PCX)
Raster Printer (PCL, Epson, NEC, IBM-Proprietary, Mannesmann Tally)	Raster Plotter (HP-RTL, NovaJet-RTL, Siemens 2050)
Versatec (VCGL, VCRF, etc.)	Versatec (Compacted Raster)
DXF	Windows-Metafile (WMF)
Canon	PostScript
GIF	BGL

Examples of these functions include converting to a specific output format, rotating or scaling input formats to fit any output paper size, modifying the attributes of a plot (pens, fills, colors, etc.), converting to compact raster formats (TIFF), displaying images on screen and plotting files directly from archives or scanners.

The input and output **configuration** of **gXconvert** can be easily done to suit the needs of an individual application. It satisfies two needs. First, the configuration can be used to preserve the exact same output as the original file format even though the conversion has created a new file format. Integrity is retained in measures and details. If the input format does not provide all information needed to create the output format--color tables, pens, and even graphics elements can be configured for the missing parts

Also, this modification functionality in conversions can work the same way if the output needs to look different, or the input file contains features (fonts, linestyles, etc.) not supported by the device or output format. **gXconvert** includes many popular predefined configurations to save setup time.

Table 3: gXconvert supported operating systems

SunOS	Solaris
AIX	IRIX
HPUX	Digital UNIX
OpenVMS, VMS	Ultrix
MS-DOS, Windows, WindowsNT	Linux

gXconvert supports a wide range of standard operating systems (see Table 3). Contact a sales representative to port additional operating systems.

gXconvert may be **easily integrated** into an existing program environment. It can be activated from the command line, shell script, or inside an application.

Allegria's continual development efforts ensure that all current and future formats will be available. See the reverse side for more features and types of licenses.



In short, this feature list gives you a summary of **the standard functionality of gXconvert:**

- Format conversion
- Definition of pen settings (when converting pen-plotter formats)
- Configuration of output resolution and output size (max. A0 in standard functionality)
- Scaling (automatic, user defined, non-isotropic)
- Rotation (90°, 180°, 270°, automatic)
- Automatic splitting of large input formats to several small output formats
- Overlaying raster, vector and hybrid files
- Generation of protocols and history files
- Definition of color tables
- Redefinition of graphics attributes
- Dithering (Floyd-Steinberg, Ordered dither)
- Gamma correction
- Default configuration settings for conversion
- Batch processing possible
- Generation of large output sizes (>A0)
- Extraction of image areas
- Placing several files (in multiple formats) into a single output file
- Plotting labels and banners (using user defined strings for marking the output)
- A layout module supporting paper optimization, stamps, hybrid plots, and coloring bi-level images

gXconvert can solve nearly all conversion tasks.

If you have a special requirement, please call us. We will provide a rapid, cost-effective solution.

gXconvert can be ordered with one of these **types of licenses:**

WS1 (*Standard Single User License for workstations*)

This license enables installation on one host and may be used by one user (restriction to one USER name). This license allows for no more than 50 conversions per day.

Ssm (*Small Server License*)

This license enables installation on one host for no more than 150 conversions per day.

Sla (*Large Server License*)

This license enables installation on one host where it may be used by all users of that host computer. There is no limit on the number of conversions.

Site (*Site License*)

This license enables installation on all binary compatible systems within your site where it may be used by all users of these host computers.

Did We Attract Your Attention?

Of course we did! If you need more information about **gXconvert**, please contact us.
We will solve all of your graphics conversion requirements - because we can!

Allegria Software, a subsidiary of netGuru, Inc.

22700 Savi Ranch Parkway ▲ Yorba Linda, CA 92887
(United States) Phone: (714) 974-2500 ▲ Fax: (714) 974-4771
www.allegria.com ▲ info@allegria.com