VIZEX TRANSFORM™

Transform common file formats to quality CGM and SVG files

VizEx Transform is a unique application enabling the transformation of multiple graphical data formats into CGM and SVG in one simple to use interface. The application also has the ability to add hotspot information to the CGM graphics during the transformation process. The batch processing saves time and money.

Transform Image files

Common image formats such JPEG, PNG, TIFF and BMP are transformed into the CGM and SVG formats. CGM is commonly thought of as a vector format, but CGM V3 onwards includes the support for raster files.

- Supports Raster to Raster CGM conversion
- Options for file compressions, image quality, grayscale, size (pixels, inches, metric)
- Advanced features include color swapping, convert to monochrome.

Transform DWG and DXF files

Transform CAD files from the engineering department and successfully reuse of existing data without the loss of graphics quality.

- Supports "Model" and "Paper" space options.
- Pen weight values are supported and mapped to the CGM file.
- Options for arcs, ellipses, polylines, and scaling control.
- Control individual layers by turning off selected layers. For example turn off title block, extract desired text for specific languages.
- Convert colors to monochrome

Transform PDF files

This graphics transformation eliminates the requirement to re-author or redraw existing illustrations in the PDF format. The same technology can also be used to convert from popular graphics software that do not output CGM but do output in PDF or EPS, for example Adobe Illustrator.

- Convert a multiple page PDF document into separate CGM files.

- Choose individual pages of a PDF document to be converted.
- Scale line widths

Automatically create intelligent CGM graphics

VizEx Transform automates the creation of hotspot information in CGM files during the conversion process.

- Identify text based on characteristics including minimum and maximum digits, minimum and maximum height. For more powerful text filtering specify characteristics with regular expression (regex).
- Option to output hotspot information to a file
- in CSV format so you can add user application, which refer to databases, or add screen tip text and URL links.
- Convert CGM hotspotted graphics to SVG and preserve hotspot information.

Raster option allows you to take TIFF, JPEG, PNG, and CALS raster files and automatically recognize callouts and convert them to CGM Version 4 with hotspots. The smart raster text recognition algorithm separates text from graphics, the text strings can be OCR identified for hotspotting.

Specifications:

Platforms: Windows XP, Vista, 7, 8, Windows 10.
Input Formats: CGM V1-V3, BMP, CALS-G4, EMF, GIF, JPEG, PNG, TIFF
Optional Input: DWG, DXF, PDF, AI, EPS
Output: CGM V4, WebCGM, SVG, PNG

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