



# SDI BatchPLUS

## Overview:

**SDI BatchPLUS** is a powerful application package used to programmatically create, edit and mark-up CGM files. It also may be used to montage multiple CGM's, raster files, graphics objects and text into a single, comprehensive CGM based display or to break up a single CGM into multiple, smaller CGM's. These CGM creation, edit or montage sessions are expedited by utilizing a Montage Directives Metafile (MDM), which is simply an ASCII file written using the Standard Generalized Markup Language – \*(see Note). This MDM, or “template”(edit), file contains all the information required to position, create, merge and scale multiple graphic files and basic drawing primitives such as text, lines and rectangles, into a single fully scalable, CGM metafile.

## Functionality:

**SDI BatchPLUS** supports versions 1, 3 and 4 of the ANSI/ISO CGM standard and all commonly used Industry Profiles including: ATA, CALS, CGM+, CGM\*PIP and WebCGM. When permitted, within these standards, **SDI BatchPLUS** supports the following features: Hot Spot hyper-linking, Layering, Symbols, Patterns, Color Blending, Boxed Text, Notes, Sweep Arrows and Leader Lines in addition to the standard Line, Polyline, Polygon, Bezier, Ellipse, Rectangle, Arc, Text and Insert File functions.

## Compatibility:

**SDI BatchPLUS** is compatible with Windows XP and Vista (32 and 64 bit), as well as Linux, Solaris and HPUX, Within the available resources of the host environment, there is no practical limit to the size of the drawing area or the size and number of files that may be accommodated within the drawing area. Edit and combine drawings of any size without arbitrary restrictions or limitations.

## Printing:

Printing of physically large files, which may be beyond the means of many standard Windows printer drivers, can be accomplished by utilizing the **SDI Print Master**, a server based rendering package or **SDI APS™**, an Advanced Printing System that can be integrated with your application, as a direct replacement for the standard Windows printing system. **SDI Print Master** and **SDI APS™** may be licensed independently or, as a complement to **SDI BatchPLUS**.

**\*Note:** The SGML standard (ISO 8879) provides a standardized way of defining and using a language for document description. An understanding of SGML is not required to create or modify a Montage Directives Metafile (MDM). For those requiring a more detailed description of SGML, please refer to "[The SGML Handbook](#)" by Charles F. Goldfarb, published by Oxford University Press.

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