

Tech Illustrator™ and MetaWeb™ – WebCGM That Works for You



The MetaWeb CGM/WebCGM viewer technology is a complementary product to the Tech Illustrator™ (TI) product versions on Windows NT®. It is especially useful in combination with the Tech Illustrator Hotspot Plug-in, as it provides the means to deploy and utilize the illustrations generated with TI on the web, CD, and local Windows® workstations. MetaWeb consists of a stand-alone viewer, a Netscape® plug-in, and an Internet Explorer ActiveX® control.

MetaWeb not only displays CGM files complying with the WebCGM Profile—the official World Wide Web Consortium (W3C) Recommendation for compact, scalable vector graphics on the web—but also CGMs complying with government and industry open standards such as CALS, ATA 2100, and J2008.

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▼ Benefits:

- Fully compatible with Tech Illustrator's WebCGM Hotspot Plug-in
 - Improved electronic publication quality through use of vector data
 - Key component in production and delivery of electronic manuals on CD-ROM and the web
 - Consulting and custom development services
 - Compliance with governmental and industry open standards
 - Freedom from vendor-proprietary solutions and the need to recreate design and legacy data
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Until recently, all graphics within web publications have been raster—a data type that significantly limits publishing potential because of inherent data format inefficiencies. Vector graphics, and especially CGM art, can be quickly scaled up and down while retaining resolution quality. In addition, it is easy to combine CGM graphics with "intelligent" information defining how graphical objects within a picture should behave in response to user interaction.

This is the foundation upon which MetaWeb is built. As a full-featured WebCGM viewer, MetaWeb comes with an intuitive user interface—allowing the user to perform essential viewing and printing operations (zoom, pan, tile, etc) within a browser or stand-alone viewer.

Based on the WebCGM Profile, MetaWeb provides the key functionality to implement true electronic manuals, including hyperlinking of images and text instances, highlighting of graphical objects, region-sensitive display of descriptive text, and more. A rich background menu provides access to numerous CGM import and export options for optimum use of legacy CGM data.

The Tech Illustrator Family of Solutions—A suite of powerful drawing, editing, and annotation applications designed to meet the electronic publishing needs of today's businesses—both large and small. Easy to learn, easy to set up and use, rapidly implemented and productive. Protect and enhance your investment with Auto-trol's superior training, comprehensive support, and a full range of consulting services to satisfy your specific needs.

Call us now, or visit the Tech Illustrator Web site for more information.

The MetaWeb CGM Viewer Modules

The MetaWeb CGM/WebCGM Viewer Modules are native Microsoft® Windows applications which seamlessly fit into the browser and operating system environment. They can be easily installed/uninstalled and allow the user to choose which product component (stand-alone, plug-in, ActiveX) should become the default viewer for CGM images.

▼ Product Characteristics

Ease of Use

- Seamlessly integrates with the browser GUI
- Easy installation and default viewer selection
- On-line Help and product documentation
- Multi-document interface for stand-alone viewer

Features

- Import/Export of CGMs and WebCGMs
- Fully compatible with the TI WebCGM Hotspot Plug-in
- Supports overlay (circular, elliptical, polygon) and embedded hotspot models
- Rich import/export option dialogs for legacy CGM data utilization
- Enhanced printing interface to handle oversized images

- Allows easy linking and manipulation of WebCGM files (link URI, highlight, viewport) for use in electronic manuals

Powerful API

- API to access CGM and WebCGM objects from third party applications
- DLL for direct manipulation of CGM elements during interpretation
- High- and low-level CGM interpreter/generator libraries available as separate products

▼ Consulting and Integration Services

To help you achieve maximum efficiency and productivity when introducing WebCGM into your organization, Auto-trol also offers consulting and integration services to address custom requirements, including services for:

- WebCGM generator and viewer technology
- CGM syntax and quality checking for legacy and third party files
- Link URI and web site configuration management software (e.g., CENTRA 2000®)
- Programming services to adapt WebCGM to your specific IT requirements

Web-based Service Manual Featuring Intelligent Graphics

