



Precision

Create with Confidence - Canvas X is designed with a host of tools to ensure that your project is precise—every step of the way.

- Double-floating point, 64-bit coordinate system provides utmost precision
- Document sizes to 2000 by 2000 miles
- Various Document Scale methods, such as Fit All Objects to Sheet, Fit Selection to Sheet, Crop & Fit to Sheet, as well as Set Document Scale
- Virtually unlimited zoom to +/- 200,000%
- Two billion object limit per document
- Two billion control point limit per polygon or Bézier curve
- Ruler manager controls document units, document scale settings, page distance to world distance settings, number systems and formats using the 64-bit coordinate system
- Dimensioning tools are accurate to .5 microns and can be edited and annotated in both metric and English units. Numeric values of a dimension line can be modified with or without affecting the size of the dimension line itself

Import

Leverage and convert diverse sources of project information from 80+ supported file formats for maximum flexibility and collaboration.

- 80+ file import options including:
 - DXF (AutoCAD)
 - DWG (AutoCAD native)
 - DSF (Designer)
 - CDR (Corel)
 - AI (Adobe Illustrator)
 - CGM (Computer Graphics Metafile)*
 - PDF (Acrobat)
 - PPT (PowerPoint)
 - PSD/PDD (Photoshop)
 - PSP (Paint Shop Pro)
 - GIF (Animated and still graphic)
 - EPS (Encapsulated Postscript)
 - TIFF (Tagged Image File)
 - PNG (Portable Network Graphics)
 - PICT (Macintosh)
 - Quattro Pro (Windows)
 - RTF (Rich Text Format)
 - TXT (Plain Text)
 - EPS (Encapsulated Post Script)
 - IGES (IGES Drawing)
 - BMP (Bitmap)
 - For a complete list of supported file formats, [click here](#).
- Import Scripting Utility—available Windows only—to open documents created in PowerPoint (2000, XP, 2003), Visio 2003, and CorelDraw (11, 12).
- Canvas Print Driver—available Windows only—to print everything from complex illustrations, brochures, photographs, or visually rich design projects from other products into Canvas by simply selecting the new Canvas Printer Driver from within any application.

* Now compliant with Petroleum Industry Protocol (PIP) and Aviation Transportation Authority (ATA) standards

Visualize & Enhance

Create stunning technical illustrations and graphics using a broad range of drawing and image editing tools.

- **Attributes palette** provides one-stop access to all Fill and Stroke Inks (colors, gradients, hatches, textures, symbols and patterns); Pen styles (plain, calligraphic, neon, and parallel); Dash settings, and Arrow styles.
- **Presets palette** makes it easy to access an extensive array of predefined Fill and Stroke Inks, Pen styles, Dashes, and Arrow styles with one click-or users can define, save, and share their own collections.
- **SpriteLayers™** – a unique technology that can be used to quickly apply transparency effects to create fully editable vignettes, ghosted text, or a collage. Both the SpriteLayers effect as well as the original object can be edited at any time.
- **SpriteEffects™** – a proprietary Canvas technology that allows image editing filters, such as blur, hue, saturation, or other artistic effects to be easily applied to text, illustrations, or images in multiple layers.
- **Align command** – any selected group of illustrations, text, or images can be instantly aligned and positioned and is most often used with the Combine command.
- **Combine command** – easily create entirely new objects from the intersection of two or more vector objects.
- **Direct Edit Selection tool** – selecting curve-based objects places them in curve edit mode automatically. Saves time as it eliminates the need to double-click on curves to edit them – plus it supports shift-select of multiple curves.
- **Lasso Selection tool** – freeform lasso selection of objects, Objects that are intersected with within complex projects with the lasso will be selected. The lasso can be set to lasso only the objects that are completely enclosed.
- **Direct Edit Lasso Selection tool** – lasso to select discontinuous Bezier curve points for editing.
- Illustration content can be quickly edited via numerous path and point editing commands from the **Properties bar and context-sensitive menu** including:
 - Delete multiple selected points on a path
 - Smooth multiple selected points on a path
 - Cusp multiple selected points on a path
 - Fillet multiple selected points on a path
- **Annotation tools** – instant creation of four different styles of editable labels that can highlight specific areas of interest or concern.
- **Page Crop tool** – specific sections of a complex illustration project can be cut away and used to visualize a specific component within a defined trimming area.
- **Professional image editing features** – Canvas has all of the tools needed to create image compositions, retouch photos, or to create custom images.
- **Symbol Library palette** – search online or on the clipart DVD for a specific illustration idea. Also you can create and store user-defined dynamic objects and dynamic library object sets (.MCR).
- **The 3D Emboss command** can be used to transform an ordinary 2D illustration, image, or text object into a 3D embossed image.
- **Trim to Path** command lets you create unique image shapes without having to understand clipping paths. No rendering or cropping is necessary.
- **Object Path Editor** gives full access to the X,Y values or lat/long coordinates of every point in a polygon, Bézier curve or vector object. Values can be imported and exported via text files or the clipboard.
- **Replicate and Position command** automatically positions objects using X,Y coordinates.
- **Path tools** – Curve, Polygon, Smooth Polygon, Freehand, Push, Reshape, and AutoCurve tools – make it easy to draw creative illustrations.
- Support for **8 and 16 bit image** data per channel/per pixel.

Share

Save time by sharing your project information in a variety of cost-effective formats including: PDF, Web content, print, and presentations.

- Customizable **PDF export** with the following options:
 - Secure encryption
 - Resolution, compression, and color mode
 - Font embedding to reduce file size and optimize export
 - Specialized half-tone settings
- Quickly create Web content including:
 - **HTML or XHTML**
 - CSS, Table, Centered Table
 - Control over text rendering and anti-aliasing options
 - Document Properties dialog box allows for addition of customized Meta Tags
 - **Web Graphics**

- **GIF and JPEG**
 - Use preview panes to compare GIF and JPEG images side by side to decide optimal format prior to saving
 - EXIF Data – digital photographs will retain project-related EXIF data during export.
 - Digital image optimization – all Web-specific options, including anti-aliasing are available during export.
 - Optimize download time by slicing large Web images into small, faster-loading pieces.
 - Animation document – specialized document format that smoothes the process for the creation of animated GIF and Web banners
 - Web Button tool – engineered to remove the guesswork from creating visually pleasing interactive Dynamic Web buttons.
 - **Link Manager** – easily assign hyperlinks or protocols to page elements so that they will direct the viewer to Web pages on the Internet, a local file, an FTP address, or an email address. You can also define anchors and assign hyperlinks to them.
 - **Pixel Mode** – allows for the viewing of images at 72 DPI which assures that graphics created for Web content are being properly viewed during the creation process.
 - Create and export Web banners as **FLASH** animation (SWF)
 - **Print Professional Output**
 - **Crop and registration marks** – can be assigned to guarantee proper output of work.
 - **Interactive Print Preview** includes centralized controls for an extensive array of print and page setup settings usually found in multiple dialogs.
 - **Preview color separations** – eliminates output errors.
 - **Document creation** – multiple column sections, facing pages, master pages, paper orientation, customizable margins, and shared layers are all available as document layout options.
 - **Large format** – numerous easy-to-access options for printing of display graphics.
 - **Print to PostScript and PRN files** – delivers accurate rendition of all Canvas work for commercial printing.
 - **Set tolerances** – bleeds and trap (spread, choke, and overprint) options are integrated into the output features of Canvas.
 - **Auto Correct** – an interactive spell checker that underlines spelling errors for correction
 - **Text Repel** – images and illustrations placed within a Canvas document can have Text Repel options applied that will force text to smoothly flow around each.
 - Seamlessly **exchange information with Microsoft Office** from the Clipboard via optimized Copy & Paste settings for Word, Excel, and PowerPoint
 - Create **visually stunning presentations**
 - EXE for Windows; QuickTime for Mac
 - Use dual monitor setup to allow discreet access to **speaker notes** during a presentation
 - **Transitions** – offers speed of transitions options + 19 different effects.
 - **Slide Show palette** – instantly select commands such as Fit to Screen, Loop, Show Pointer, Auto Play Quick Time movies, Timing of Slide Advance, Progressive Builds and more.

Interface

Say goodbye to distractions - Canvas' intuitive interface and customizable tool/menu options makes it easy to find what you need.

- **Canvas Assistant** provides instant context-sensitive access to detailed information surrounding the functionality of all of the drawing, image, and text editing features within Canvas X.
- **Startup Dialog** provides instant, one-click access to working documents, new document options, and many of the support and help resources available to registered users
- **Properties Bar** keeps track of selected objects and tools and displays the most relevant customization options at all times.
- **Smart Toolbox** instantly displays all tools related to the current tool for easy access. Tool sets can be resized and locked so they are readily available.
- Work faster by assigning **keyboard shortcuts** and adding customizable menu icons to frequently used commands.
- **Attributes palette** provides one-stop access to all Fill and Stroke Inks (colors, gradients, hatches, textures, symbols, and patterns); Pen styles (plain, calligraphic, neon, and parallel); Dash settings, and Arrow styles.
- **Presets palette** makes it easy to access an extensive array of predefined Fill and Stroke Inks, Pen styles, Dashes, and Arrow styles with one click-or users can define, save, and share their own collections.
- **Docking Bar** provides easy access to palettes, without taking up valuable screen space and can be docked on the left, right, or top.
- **Configuration Center** now handles all program preferences, various tool and command settings from a central location.

Canvas X Supported File Formats

*Windows only ** Macintosh only

Description	Extension	Import	Export
Adobe Illustrator	AI	x	x
Movie Format*	AVI		x
Windows bitmap	BMP/RLE	x	x
Brooktrout Fax	BRK	x	
Support Raster Format	CAL/CALS	x	x
CorelDraw	CDR	x (scripting utility*)	
CorelDraw Template	CDT	x	
Computer Graphics Metafile*	CGM	x	x
Harvard Graphics Chart	CH3	x	
Corel Exchange	CMX	x	
Clear Text CGM	CTM	x	
Halo Image	CUT	x	
Canvas Image Format	CVI	x	x
Canvas 3.5 and ArtWorks	CVS	x	
Canvas 5	CV5	x	
Canvas 6,7,8	CNV	x	x
Canvas 9	CVX	x	x
Graphics	DCX	x	x
Micrografx Draw	DRW	x	x
WHIP! Internet Drawing	DWF	x	
AutoCAD Native File	DWG	x	
Drawing Exchange Format	DXF	x	x
Enhanced Windows Metafile	EMF	x	x
Encapsulated Postscript	EPS	x	x
Canvas Slide Show*	EXE		x
Frame Vector Metafile	FMV	x	
Kodak FlashPix	FPX	x	
HP Graphics Gallery	GAL	x	
IBM Graphics	GDF	x	
Digital Research Graphics	GEM	x	
Graphic Interchange Format Graphics	GIF	x	x
Multi Frame Graphic Interchange Format	GIF Animated	x	x
Hewlett Packard Format	HGL/HPGL/HPP	x	x
Hypertext Markup Language	HTM/HTML	x*	x
Image Object	ICA	x	
Icon File	ICO	x	x
Amiga Image Format	IFF	x	x
IGES Drawing	IGES/IGS	x	x
GEM Image	IMG	x	
JPEG Graphics	JPG/JPE/JPEG	x	x
MacPaint Image Format	MAC/MPT	x	
OS/2 PM Metafile	MET	x	
QuickTime Movie	MOV	x	x**
Microsoft Paint*	MSP	x	
Kodak PhotoCD	PCD	x	
Paintbrush Image	PCX	x	x
Adobe Acrobat	PDF	x	x
Macintosh Picture	PIC	x	x**
Portable Network Graphics	PNG	x	x
Microsoft Power Point	PPT	x (scripting utility*)	x* (scripting utility)
Lotus Freelance	PRE	x	

Description	Extension	Import	Export
Printer (PS) Files*	PRN	x	
Harvard Graphics*	PRS	x	
Postscript® Files	PS/EPS	x	x**
Photoshop Image	PSD/PDD	x	x
Sun Raster	RAS	x	
Autoshade	RND	x	
Rich Text Format	RTF	x	
Spatial's ACIS Data*	SAT	x	
Harvard Graphics Show*	SH3	x	
Scalable Vector Graphics	SVG		x
Macromedia® Flash	SWF		x
Harvard Graphics Symbol*	SY3	x	
Targa Bitmap formats	TGA/VDA/ICB/VST	x	x
Tagged Image Format	TIF/TIFF	x	x
Canvas Template	TPL	x	x
Plain Text	TXT	x	
Microsoft Metafile (early version)	WMF	x	x
WordPerfect Graphic	WPG	x	x
DSF Micrografx Designer*	DSF	x	
FLW Freelance for Windows*	FLW	x	
JFIF JPEG not in Tiff Format*	JPG	x	
Just Write II*	JW	x	
Lotus AMI/ AMI Pro*	SAM	x	
Lotus 1-2-3 Version 5*	WK4	x	
Lotus 1-2-3 Version 97*	123	x	
Lotus PIC*	PIC	x	
Lotus Smart Suite*	SMF	x	
Mac Write II*	MCW	x	
Microsoft Excel Charts*	XLC	x	
Microsoft Excel*	XLS	x	
Microsoft Works For Windows	WKS	x	
MIF ADOBE FRAME MAKER Text only*	MIF	x	
Microsoft Multiplan*	MP	x	
OS / 2 Bit map*	BMP	x	
Paint Shop Pro*	PSP	x	
PIF IBM Picture Interchange*	PIF	x	
Portable BIT MAP PBMP*	PBM	x	
Portable PIX MAP*	PPM	x	
Quatro pro for Windows*	QPW	x	
SRS Sun RASTER*	SRS	x	
Visio (versions 5, 2000, 2002)*	VSD	x	
WordPerfect*	WPD	x	
Visio (versions 5, 2000, 2002)*	VSD	x	
Microsoft Word*	DOC	x	

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