



Arbortext® IsoDraw® Release Notes

**Arbortext IsoDraw Foundation 7.2 M010
Arbortext IsoDraw CADprocess 7.2 M010
September 2011**

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About This Guide

These Release Notes contain information about the 7.2 M010 release of these two Arbortext IsoDraw software products:

- Arbortext IsoDraw Foundation
- Arbortext IsoDraw CADprocess

All information in this document applies to both products unless noted otherwise.

Arbortext IsoDraw 7.2 M010 installs as a complete package. It also upgrades and replaces Arbortext IsoDraw release 7.2 F000.

If you have Arbortext IsoDraw 7.1 (or older) installed on your system, installing Arbortext IsoDraw 7.2 M010 will not remove, replace, or otherwise affect it. After you install Arbortext IsoDraw 7.2 M010, you can still run the 7.1 (or older) software. You can also run it concurrently with this new 7.2 M010 release.

Note

If you wish to remove older versions of Arbortext IsoDraw from your system, uninstall them manually. (For more information, see the installation and licensing instructions in the Installing Arbortext IsoDraw guide for Arbortext IsoDraw 7.2.)

Changes to documentation and the software itself may occur after the publication of these release notes. For documentation updates and descriptions of software functionality changes, alternative techniques, and common software issues, review the available solutions using the Update Advisor available in the **Support** area at <http://www.ptc.com>.

Organization of This Guide

This document is intended for both administrators and users of Arbortext IsoDraw. It contains:

- Platform support information for Arbortext IsoDraw 7.2 M010. (See [Platform Support on page 11.](#))
- Fixes and enhancements implemented in this 7.2 M010 release. (See [SPRs on page 15.](#))

Related Documentation

For more information on Arbortext IsoDraw and Arbortext IsoView products, refer to the following documentation found in the Arbortext IsoDraw Help Center. Help Center includes both HTML and PDF versions of the documentation. Choose **Help ► Help Center** to access it.

For Arbortext IsoDraw information:

Documentation	Description
<i>Arbortext IsoDraw Release Notes</i>	(This guide.) Information about new, changed, and deleted features in this Arbortext IsoDraw release.
<i>Installing Arbortext IsoDraw</i>	Installation and licensing information for Arbortext IsoDraw.
<i>Drawing Basics Tutorial</i>	Hands-on examples for learning Arbortext IsoDraw basic functions.
<i>3D Mode Tutorial</i>	Hands-on examples for learning 3D CAD data editing functions using Arbortext IsoDraw.
<i>Arbortext IsoDraw User's Reference</i>	Comprehensive guide to using the tools and functions in Arbortext IsoDraw products.
<i>Arbortext IsoDraw Macro Language Reference</i>	Reference for writing macros that you can run in Arbortext IsoDraw.
<i>Arbortext IsoDraw Data Exchange Reference</i>	Instructions for importing and exporting graphics data in various formats to and from Arbortext IsoDraw.

For Arbortext IsoView information:

Documentation	Description
<i>Arbortext IsoView Release Notes</i>	Information about new, changed, and deleted features in this Arbortext IsoView release.
<i>Arbortext IsoView Installation Guide</i>	Installation and licensing information for Arbortext IsoView.

Documentation	Description
<i>Arbortext IsoView User's Reference</i>	Instructions for using the tools and functions in Arbortext IsoView, and for setting preferences.
<i>Arbortext IsoView Programmer's Reference</i>	Reference for writing API scripts that customize and extend the Arbortext IsoView ActiveX control.

Technical Support

Contact PTC Technical Support via the PTC Web site, phone, fax, or e-mail if you encounter problems using your product or the product documentation.

For complete details, refer to Contacting Technical Support in the PTC Customer Service Guide. This guide can be found under the Related Resources section of the PTC Web site at:

<http://www.ptc.com/support/>

The PTC Web site also provides a search facility for technical documentation of particular interest. To access this search facility, use the URL above and select Search the Knowledge Base.

You must have a Service Contract Number (SCN) before you can receive technical support. If you do not have an SCN, contact PTC Maintenance Department using the instructions found in your *PTC Customer Service Guide* under Contacting Your Maintenance Support Representative.

Global Services

PTC Global Services delivers the highest quality, most efficient and most comprehensive deployments of the PTC Product Development System including Pro/ENGINEER, Windchill, Arbortext and Mathcad. PTC's Implementation and Expansion solutions integrate the process consulting, technology implementation, education and value management activities customers need to be successful. Customers are led through Solution Design, Solution Development and Solution Deployment phases with the continuous driving objective of maximizing value from their investment.

Contact your PTC sales representative for more information on Global Services.

Documentation for PTC Products

You can access PTC product documentation using the following resources:

- Online Help
 - Click **Help** from the user interface for online help available for the product.
- Reference Documents

Individual product manuals are available from the Reference Documents link of the PTC Web site at the following URL:

<http://www.ptc.com/support/>

- Help Center

A searchable product documentation knowledge base is available from the Help Center link of the PTC Web site at the following URL:

<http://www.ptc.com/support/>

You must have a Service Contract Number (SCN) before you can access the Reference Documents or Help Center Web site. If you do not have an SCN, contact PTC Maintenance Department using the instructions found in your PTC Customer Service Guide under Contacting Your Maintenance Support Representative.

Documentation Conventions

This guide uses the following notational conventions:

- **Bold text** represents exact text that appears in the program's user interface. This includes items such as button text, menu selections, and dialog box elements. For example,
Click **OK** to begin the operation.
- A right arrow represents successive menu selections. For example,
Choose **File ▶ Print** to print the document.
- Monospaced text represents code, command names, file paths, or other text that you would type exactly as described. For example,
At the command line, type `version` to display version information.
- *Italicized monospaced text* represents variable text that you would type. For example,
`installation-dir\custom\scripts\`
- Italicized text represents a reference to other published material. For example,
If you are new to the product, refer to the Getting Started Guide for basic interface information.

Comments

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- Level of Expertise in the Product (Beginning, Intermediate, Advanced)
- Comments (including page numbers where applicable)

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Platform Support

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This section identifies the platforms and system requirements for Arbortext IsoDraw 7.2 M010.

Supported Operating Systems and Web Browser

Windows XP (32-bit) with Service Pack 3 or above
Windows Vista (32-bit) with Service Pack 2 or above
Windows 7 (32-bit)
Windows 7 (64-bit)
Microsoft Internet Explorer 7.0 or later (32-bit only) with ActiveX enabled

System Requirements

Requirement	Platform		Minimum	Recommended
	32 bit	64 bit		
PC processor	●		1 GHz x86	≥ 2 GHz x86
RAM			1 GB	≥ 1 GB
PC processor		●	1 GHz x64	≥ 3 GHz x64
RAM			1 GB	≥ 4 GB
Graphics card	●	●	OpenGL support; 16-bit color palette; 800 × 600 screen resolution	OpenGL support; 32-bit color palette; 1280 × 1024 screen resolution
Free space on hard disk for Complete installation	●	●	650 MB Includes application program files, Java runtime environment, documentation, library files, tutorial files, example files, and all optional features.	650 MB
Free space on hard disk for Custom installation	●	●	400 MB Minimum Custom installation includes application	650 MB Custom installation with all optional features installed; requires same

Requirement	Platform		Minimum	Recommended
	32 bit	64 bit		
			program files and Java runtime environment only.	amount of disk space as Complete installation.
Keyboard	●	●	With function keys	Same
Mouse	●	●	2-button	Same
Printer	●	●	When using a PostScript printer, the printer driver should support PostScript for faster printing.	Same

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SPRs

Fixes and enhancements implemented in Arbortext IsoDraw release 7.2 M010 are listed by Software Performance Report (SPR) number in the table below.

SPR	Description
2030289	<p>You can now prevent Arbortext IsoDraw from shading obscured 3D objects—or obscured portions of 3D objects—when you convert the 3D view to a 2D shaded illustration.</p> <p>Note <i>This new option is only available for placed 3D data.</i></p> <p>When converting placed 3D data to 2D using the shaded option in the 3D Projection - Set dialog box in release 7.2 M010, you can use the new Draw only visible portions option in the shaded - Set dialog box.</p> <ul style="list-style-type: none">• Select the Draw only visible portions check box to render only the currently visible portions of 3D objects in the shaded 2D projection. Any portions that are not visible (because they are, for example, obscured by other 3D objects) are not rendered in 2D.• Clear this check box to render all 3D objects completely, including portions that are not visible.
2035026	<p>Arbortext IsoDraw no longer displays graphical artifacts when selecting elements, such as Bézier curves, when running on Windows 7 (64-bit) with AERO display on and Desktop Composition enabled.</p>

SPR	Description
2061653	<p>Now, in release 7.2 M010, you can import layers from an ISO file that is open in the same session as the current ISO file. (Prior to release 7.2 M010, the ISO file you were importing layers from had to be closed.)</p> <p>Note <i>You cannot import layers from a 3D ISO file into a 2D ISO file.</i></p>
2062016	Text hotspots in an ISO file execute their viewport links as expected after export to CGM.
2063649	To reduce the occurrence of unexpected font substitutions, font list integrity is better-preserved in Arbortext IsoDraw 7.2 M010.
2066279	Arbortext IsoDraw version 7.2 M010 will now successfully acquire a license to run in all supported network environments.
2070418	Arbortext IsoDraw no longer exits prematurely when a particular ISO file containing highly-segmented polyline elements is exported to SVGZ (compressed SVG) format.
2070939	Polylines in a particular imported DXF file now display as expected in Arbortext IsoDraw version 7.1.
2071895	Resolved with SPR 2062016 on page 16 .
2072305	As of release 7.2 M010, changing the path for a placed 3D ISO file no longer changes its displayed scale in the ISO file it was placed in.
2077206	Arbortext IsoDraw no longer exits prematurely when doing batch conversion from CGM to PNG file format when the destination PNG bit Depth is set to Linear image (1 Bit) (or when <code>app.png.kind = "bitmap"</code> in an Arbortext IsoDraw batch conversion macro).
2078001	TIFF files exported from Arbortext IsoDraw at 600 DPI now display correctly when opened in a raster image editing program.
2078614	Smooth color blends now display smoothly as expected in CGM files exported from Arbortext IsoDraw 7.2 M010.
2079200	Arbortext IsoDraw no longer exits prematurely when exporting a particular ISO file to CGM with the CGM Profile set to ISO 8632 : 1999 and the Advanced CGM export option, Generate XML companion files , selected.
2079989	While dragging a raster image element in Arbortext IsoDraw 7.2 M010, the image no longer flickers as it moves if the Use buffered drawing check box is selected on the Redraw preferences page.
2080096	After dragging a callout leader line in Arbortext IsoDraw 7.2 M010, the callout label text automatically snaps into proper alignment

SPR	Description
	relative to the new leader line endpoint.
2081635	In release 7.2 M010, if you create an Arbortext IsoDraw ISO or CGM library file (in <i>Arbortext-IsoDraw-install-path</i> \Program\Library Window) that contains one or more ungrouped elements—and then attempt to use the Library window to add library parts in that file to your drawing—the Arbortext IsoDraw application window no longer blinks repeatedly. Also, as of release 7.2 M010, only grouped elements in library files appear in the Library window parts tree and preview pane.