PTC®

Arbortext® IsoDraw® Release Notes

Arbortext IsoDraw Foundation 7.2 M020
Arbortext IsoDraw CADprocess 7.2 M020
February 2012

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About This Guide

These Release Notes contain information about the 7.2 M020 release of 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 M020 installs as a complete package. It also upgrades and replaces Arbortext IsoDraw releases 7.2 F000 and 7.2 M010.

If you have Arbortext IsoDraw 7.1 (or older) installed on your system, installing Arbortext IsoDraw 7.2 M020 will not remove, replace, or otherwise affect it. After you install Arbortext IsoDraw 7.2 M020, you can still run the 7.1 (or older) software. You can also run it concurrently with this new 7.2 M020 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 M020. (See Platform Support on page 11.)
- Fixes and enhancements implemented in this 7.2 M020 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
Arbortext IsoDraw Release Notes	(This guide.) Information about new, changed, and deleted features in this Arbortext IsoDraw release.
Installing Arbortext IsoDraw	Installation and licensing information for Arbortext IsoDraw.
Drawing Basics Tutorial	Hands-on examples for learning Arbortext IsoDraw basic functions.
3D Mode Tutorial	Hands-on examples for learning 3D CAD data editing functions using Arbortext IsoDraw.
Arbortext IsoDraw User's Reference	Comprehensive guide to using the tools and functions in Arbortext IsoDraw products.
Arbortext IsoDraw Macro Language Reference	Reference for writing macros that you can run in Arbortext IsoDraw.
Arbortext IsoDraw Data Exchange Reference	Instructions for importing and exporting graphics data in various formats to and from Arbortext IsoDraw.

For Arbortext IsoView information:

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

Documentation	Description
Arbortext IsoView User's Reference	Instructions for using the tools and functions in Arbortext IsoView, and for setting preferences.
Arbortext IsoView Programmer's Reference	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

PTC welcomes your suggestions and comments on our documentation. You can submit your feedback to the following email address:

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Please include the following information in your email:

- Name
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- 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 M020.

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 M020 are listed by Software Performance Report (SPR) number in the table below.

SPR	Description
2061874	A particular highly tessellated STEP file with thousands of layers now opens 35 percent faster compared to Arbortext IsoDraw 7.0 M090.
2097925	A custom callout style created in an earlier version of Arbortext IsoDraw is fully accessible and editable in this release.
2099026	Converting placed intersecting 3D files to 2D with **remove hidden lines** and **fill contour** selected now produces the expected 2D result: All contour regions are filled, including those where 3D Set projections overlap.
2099061	Arbortext IsoDraw no longer exits prematurely when converting a particular highly-tessellated 3D PVZ file to 2D.
2099442	Text rendered in Helvetica Greek Upright font no longer shows overlapping characters and extra white spaces.