

## Arbortext IsoDraw 7.0 FAQ:

### **Q1: What is PTC's Technical Illustration Strategy?**

Since its acquisition of ITEDO Software in October 2006, PTC has focused on delivering a complete solution for creating, managing, and publishing text, interactive illustrations and graphical content for technical publications. Arbortext IsoDraw is a key component of PTC's strategy to automate the creation and delivery of interactive technical publications that are associative with product designs and configuration, and tailored to specific audiences. This release of Arbortext IsoDraw 7.0 demonstrates this commitment and is the industry's only solution that provides support for both 2D and 3D illustrations and animations.

### **Q2: What are the main new features in Arbortext IsoDraw 7.0?**

Highlights of the Arbortext IsoDraw 7.0 release include:

- The ability to create 2D & 3D technical illustrations and animations with a single solution
- A direct integration with Pro/ENGINEER
- Improved support for CAD tools through industry standard formats such as STEP, VDA, SAT and Parasolid
- Added support for WebCGM 2.0 and the new S1000D 2.3 CGM profile
- Expanded international support for nine languages that include English, French, German, Italian, Japanese, Korean, Spanish, Traditional and Simplified Chinese
- Software-based licensing through FLEXlm<sup>®</sup> (formerly FLEXlm)

### **Q3: What are 3D illustrations and animations?**

3D illustrations and animations are used to improve the readability of technical publications and reduce the need for long text descriptions. 3D illustrations enable readers to interact with and manipulate the illustration and view (spin, pan, zoom) an object from multiple angles; 3D animations enable readers view and interact with entire animated procedures.

### **Q4: Is 3D publishing the way of the future?**

With more manufacturing companies looking to deliver up-to-date information online, 3D publishing is a very exciting new format that promises to significantly improve the quality of technical publications. As such, we expect that there will be increasing number of customers and applications leveraging 3D publishing. 3D technical illustrations improve publications by enabling readers to interact with the selected illustration and to view it from multiple angles and perspectives. 2D and 3D animations embedded in a technical publication can visually demonstrate entire procedures, which can reduce the need for lengthy text descriptions, minimize the potential for user errors, and improve the delivery of computer-based training, assembly instructions and online maintenance manuals. However, today the lion share of technical publications is still delivered in static, hard copy format, therefore, static 2D illustrations is the preferred format. . It is unrealistic to expect that manufacturers will immediately convert their existing 2D illustration archives to 2D animations or 3D illustrations/animations. That would be cost-prohibitive. Additionally, 2D technical illustrations will continue to be required for printed materials, illustrated parts catalogs, standards-based applications like S1000D, and publications leveraging legacy illustration archives. Therefore, companies need a solution that can create both 2D and 3D technical illustrations and animations for the foreseeable future.

**Q5: Why is it important to be able to place both 2D and 3D illustrations and animations in the same illustration?**

Sometimes manufacturers may need to provide a 2D illustration of the entire product (e.g. airplane) as context for the positioning of a part or sub-assembly that needs to be serviced (e.g. the landing gear). The part under service could be shown presented as an interactive 3D illustration or animation. The reasons customers would choose to mix 2D and 3D are 1) to provide context; 2) there may not be a 3D illustration of the entire product.

**Q6: Is Arbortext IsoDraw 7.0 integrated with Pro/ENGINEER**

Yes, Arbortext IsoDraw 7.0 can read and maintain an associative link to native Pro/ENGINEER files and assemblies. This integration simplifies the illustration authoring process and improves the ability to update illustrations as designs change.

**Q7: Does Arbortext IsoDraw support other CAD tools?**

Yes. PTC has added support for new standard information transfer formats for using 3D CAD data in Arbortext IsoDraw 7.0. All Arbortext IsoDraw 7.0 capabilities are available with the following supported formats which are typically generated from most CAD systems: IGES, VRML, STEP, VDA, SAT, OBJ, and Parasolid.

**Q8: Can Arbortext IsoDraw 7.0 create an illustration or animation by reusing CAD models from multiple different CAD tools?**

With Arbortext IsoDraw 7.0 you can create technical illustrations from multiple CAD files while maintaining a link to all source CAD files. This greatly speeds and simplifies change management by enabling you to automatically regenerate all technical illustrations and animations based on the latest engineering designs.

This capability is especially valuable for companies operating within a supply chain that uses a wide variety of CAD formats. Some companies use different CAD tools for different parts of the complete product. Technical documentation, however, is delivered for the entire product. It is important for technical illustrations to properly illustrate steps and procedures as they relate to the complete product. So being able to access data from different CAD systems and combine into a single animation and illustration is quite useful.

**Q9: How is Arbortext IsoDraw licensed?**

Arbortext IsoDraw 7.0 offers a software-based licensing scheme (FLEXnet®, formerly FLEXlm), replacing the previous hardware-based licensing method. Arbortext IsoDraw 7.0 can be purchased with either node-locked and floating licenses.

**Q10: What is the difference between Arbortext IsoDraw Foundation, Arbortext IsoDraw CADprocess, and Arbortext IsoDraw 3D Extension?**

- *Arbortext IsoDraw Foundation* enables illustrators to create perspective 2D technical illustrations and animations from scratch, or by photo-tracing
- *Arbortext IsoDraw CADprocess* contains all the functionality of IsoDraw Foundation, with the added capability to automatically create 2D & 3D technical illustrations and

animations directly from 3D CAD data, while maintaining an associative link to the original 3D CAD file.

- *Arbortext IsoDraw 3D Extension (3DX)* upgrades Arbortext IsoDraw Foundation to Arbortext IsoDraw CADProcess

**Q11: In what languages is Arbortext IsoDraw 7.0 localized?**

Arbortext IsoDraw 7.0 is available in nine languages: English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, and Simplified Chinese.

**Q12: What customer support does PTC offer for this release?**

- 24 x 5 Technical Support by telephone
- 24 x 7 Online Technical Support tools to search for helpful documents, log support calls and manage all of your PTC software assets
- Software development under rigorous industry best-practices quality standards

**Q13: I am familiar with the old ITEDO product names. How do the new names relate to the old product names?**

Old ITEDO Product Name	New PTC Name
IsoDraw	Arbortext IsoDraw Foundation
IsoDraw CADprocess	Arbortext IsoDraw CADprocess
IsoView	Arbortext IsoView
IsoCompose	Arbortext IsoCompose

**Q14: Where can I learn more about Arbortext IsoDraw 7.0?**

To learn more about how Arbortext IsoDraw can improve your technical publishing process with 2D and 3D technical illustration and animation capabilities, please visit our website at:

<http://www.single-sourcing.com/>

