



# AD-TECH *inc*

*It's the service that counts!*

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## Arbortext IsoDraw CADprocess

Arbortext IsoDraw CADprocess, the workbench for all your technical illustration and animation needs, is a must-have complement to your CAD toolset. This powerful application reduces the CAD designer's workload by providing illustrators with an easy-to-use tool for processing the 3D model and creating high-quality 2D and 3D technical illustrations and animations directly from CAD models. Today, the illustration process often includes the time consuming activity of redrawing geometry that was originally captured in the design process using CAD. By maintaining a link to the original 3D model, and by automatically updating illustrations and animations as designs change, Arbortext IsoDraw CADprocess enables companies to develop documentation faster, reduce risk, and shorten time-to-market.

### Capabilities and Benefits

- Eliminates the need to create illustrations from scratch; create high-quality 2D and 3D technical illustrations directly from CAD
- Enables you to quickly create 2D, 3D, or a mix of 2D and 3D animation with a simple user interface. Imports and leverages existing 2D and 3D data animations to create high-quality animations.
- Manipulates 3D data with a highly intuitive user interface: explosion along any axes, cutaways, rotations, reflections, copying, scaling, etc. Newly trained illustrators can be fully productive within just a few days.
- Empowers illustrators to manipulate 3D CAD data for the purpose of the illustration rather than relying on the CAD designer for all 3D data manipulation
- Deletes hidden lines, sets line thickness as required, and optimizes the elements of the CAD model in order to both reduce file size (required for electronic delivery) and make elements more compact and easier to edit. Reduces further editing and cleanup of illustrations. Automates hotspot creation for electronic delivery.
- Enables concurrent development of technical publications and engineering designs; link technical illustrations to engineering designs and automatically recreate illustrations when CAD files change (through direct integration with Pro/ENGINEER or link to 3rd party CAD tools through IGES, DWG, VRML, STEP, VDA, SAT, OBJ, and Parasolid.
- Automatically prepares illustrations for publishing in multiple formats and for delivery in both print and electronic media
- Automatically updates illustrations and animations as designs change
- Contains the *full set of Arbortext IsoDraw Foundation capabilities* for creating and editing high-quality technical illustrations, including specialized tools for drawing in perspective, automatic thick/thin line technique application, standard parts library, and high-quality filters for all major graphic formats, among others.
- Seamlessly upgrade from Arbortext IsoDraw Foundation to the full set of Arbortext IsoDraw CADprocess capabilities using the Arbortext IsoDraw 3D Extension.