



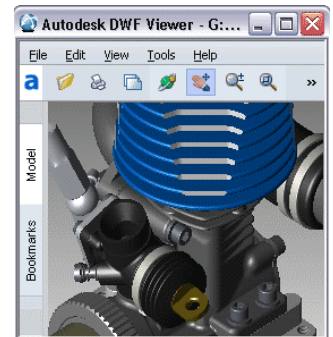
The HOOPS 3D Application Framework (HOOPS/3dAF) is a high-level, extensible graphics API that dramatically simplifies the design, development and maintenance of high-performance 2D/3D engineering applications. HOOPS/3dAF is the core graphics engine in over 175 shipping products ranging all the way from lightweight web plug-ins to heavyweight CAD/CAM/CAE systems. In fact, the HOOPS Framework provides the graphics foundation upon which Autodesk's DWF Viewer is based.



If you are looking to develop any type of engineering application where display capabilities are required, HOOPS/3dAF provides the perfect starting point. As a result of the tight integration between HOOPS/3dAF and the DWG and DWF Toolkits from Autodesk, you will be able to rapidly develop application that are complementary to Autodesk offerings - with full data compatibility.

ADVANTAGES OF HOOPS/3dAF

- **Extensive Graphics Functionality.** Provides sophisticated, real-world 2D/3D graphics functionality, robust font support, advanced hardcopy, sophisticated selection/interaction, color interpolation, textures, transparency, collision detection, animation and hundreds of additional capabilities. HOOPS/3dAF has been used in a wide range of application types, and thus encapsulates an impressive array functionality to aid the development of a variety of commercial-grade engineering applications.
- **DWG/DXF/DWF Support.** Tight integrations with RealDWG Toolkit (available from TS3D) as well as the DWF Toolkit means that applications build using HOOPS/3dAF will have full compatibility with Autodesk applications and support the latest DWG, DXF and DWF format versions.
- **Large Model Visualization.** Performs efficient rendering and interaction with large data models, with features such as level-of-detail, 3D spriting, fly-through/walkthrough and intelligent scene culling.
- **Platform and Device Flexibility.** Supports all Windows, UNIX, MAC OS X and Linux operating systems as well as Windows-CE support for use on handheld or portable computing devices. HOOPS/3dAF contains a number of interfaces for optimal 3D and 2D performance, including highly tuned drivers for OpenGL, Direct3D, Widows GDI and others for maximum performance on a range of hardware and devices.
- **Integration with HOOPS/Stream and Net Server components.** Using HOOPS Stream Toolkit and/or HOOPS Net Server modules, developers may add sophisticated streaming, client-server, or real-time collaborative capabilities to their applications.



Screenshot courtesy of Autodesk



Screenshot courtesy of Autodesk

FOR MORE INFORMATION

- For more information about the HOOPS/3dAF please visit:
<http://techsoft3d.com/products/3dAF.html>
- To register to download a free evaluation copy of TS3D's HOOPS/3dAF go to:
<http://techsoft3d.com/downloads/eval.html>