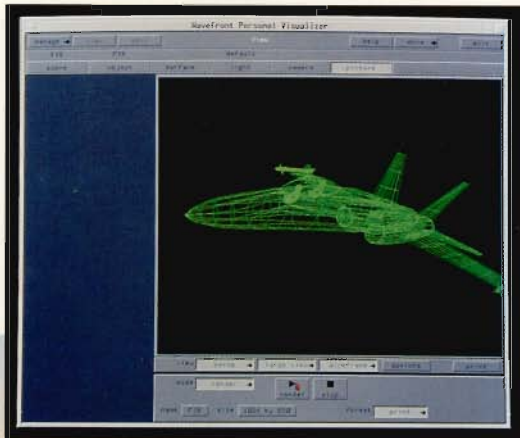


HP Personal Visualizer 3D Rendering Tool



*Realism...
the power
to bring
your ideas
to life.*

HP Computer Museum
www.hpmuseum.net

For research and education purposes only.

**Reality – only better.
The dramatic visual impact
of realism made easy.**

HP's Personal Visualizer is an easy-to-use graphics rendering tool that will bring new life to your 3D renderings. Now you can take advantage of the power of photo-realistic 3D renderings to visualize a new product or process with speed, accuracy and confidence. Realism can strengthen your presentations and reinforce design decisions, shortening development and approval cycles.

The Personal Visualizer is a seamless package of graphics editors that lets you enhance existing wireframe or solid drawings with the ease of menu and mouse-driven commands. Now everyone on your work team can take ordinary CAD drawings and turn them into compelling, presentation-quality renderings without extensive training or special equipment.

The Personal Visualizer comes bundled with the HP-UX system TurboVRX and PersonalVRX/P3 graphics systems. And, you can order it for the HP 9000 Series 300 TurboSRX workstation.

**Powerful features expand
your graphics capabilities.**

HP's Personal Visualizer is licensed from Wavefront, a leader in 3D rendering and animation software. It gives you advanced capabilities such as the ability to position objects in 3D space, assign material properties to objects, light objects

The Personal Visualizer: Key Features and Benefits

Intuitive user interface:	The menu and mouse-driven software interface lets you produce sophisticated, realistic renderings for design analysis and presentations without a large investment in training. The Personal Visualizer is based on the X Window System and OSF/Motif standards.
Library of popular objects and surfaces:	An extensive library of 3D objects and realistic surfaces is at your fingertips with Personal Visualizer. The added resources of the library let you produce realistic renderings, even faster.
Integrated modeler:	You can easily and quickly generate new objects, as well as edit and manipulate imported geometric objects without having to exit the Personal Visualizer.
Advanced rendering techniques:	The Personal Visualizer lets you choose the best rendering techniques for your particular subject or environment such as scan-line, ray tracing, radiosity and texture mapping.
Multiple data input paths:	You can use the Personal Visualizer with geometry that has been generated from a variety of sources, including CAD packages or any Starbase* (HP's graphics library) graphics program.
Expandability:	You can increase the functionality of the Personal Visualizer with add-on software modules available from Wavefront.

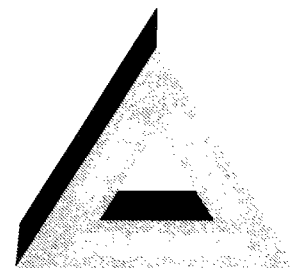
from different sources, and select any viewing position.

Other important realism and drawing features include:

- Radiosity models the diffuse quality of light allowing the color of one 3D surface to naturally influence the color of nearby surfaces in the rendering.
- Ray tracing simulates the reflective quality of light by tracing light from any given source and displaying realistic reflections and sharp shadow detail.
- You can edit imported geometry and create new 3D geometry within Personal Visualizer. The object editing function lets you pick objects, polygons or individual points and rotate, stretch or scale them easily.
- The shapes library includes spheres, torus, cylinders, pyramids, cubes, cones and polygons.

**First in graphics innovation
and standards.**

HP has always been a leader in high-performance graphics. One reason is an unwavering commitment to graphic standards. HP's innovative technology combined with standards keep your team operating at peak productivity.



HP Apollo Graphics

**There is a better way to bring
your ideas to life in 3D graphics.**

**For more information on the
Personal Visualizer, call 1-800-
752-0900 for the location of your
nearest HP sales office. In areas
outside of the U.S., contact your
local HP sales office.**