

# Right Hemisphere® Deep Exploration™ Standard Edition

- Accelerate creation and delivery of high impact multimedia 3D
- Raise productivity and expand pool 3D content authors
- Leverage existing multimedia graphics assets for additional business and entertainment uses

## Introduction

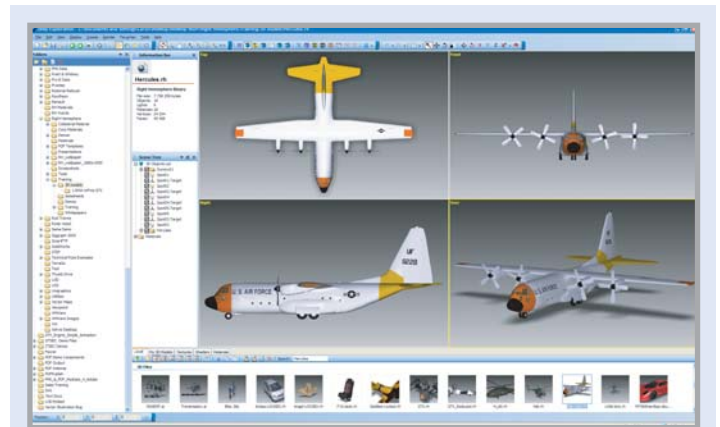
Right Hemisphere's Deep Exploration Standard Edition lets you easily produce multimedia 3D graphics on your desktop. With Deep Exploration Standard Edition you can increase 3D content across a variety of business and entertainment uses, while decreasing your 3D development time and cost.

Unlike typical multimedia 3D tools, Deep Exploration Standard Edition is a unified application that works across a number of multimedia formats and 3D graphics styles so you can take advantage of existing content and avoid big changes by your creative staff.

While Deep Exploration Standard Edition is designed for the digital content creation professional whose 3D image and animation authoring rarely involves CAD sourced data, it also preserves your skills and data for use with more powerful Right Hemisphere PGM desktop and server applications.

Right Hemisphere's Deep Exploration Standard Edition is powerful, yet fun to use, 3D multimedia authoring application. Right Hemisphere's Deep Exploration Standard Edition lets you

- ▶ Translate 2D and 3D graphics and multimedia files
- ▶ Search, view, and markup 3D graphics
- ▶ Author, render, and publish 3D images and animations
- ▶ Upgrade to Deep Exploration™ CAD Edition for advanced CAD model translation and optimization, high quality line art illustration authoring, and high volume PGM process automation



*Quickly navigate, search and display 2D and 3D graphics with familiar Microsoft Windows Explorer interface and display the graphic in multiple viewport configurations for easy alignment and editing.*

## Translate 2D and 3D Graphics and Multimedia Files

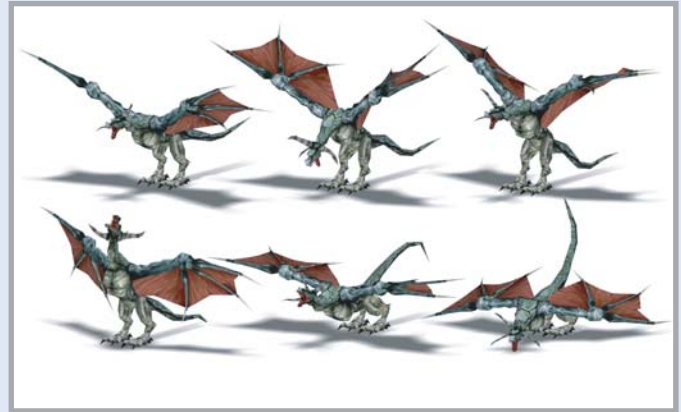
Your creative staff already uses a wide variety of 2D and 3D Digital Content Creation tools. With these tools they have produced thousands of multimedia files in a variety of formats.

How can you reuse these assets when a new project comes along? Can you take assets created on one DCC tool and reuse them in another that is a better tool of choice for that particular project? Or will your creative staff just start all over from scratch?

Deep Exploration Standard Edition translates your 2D and 3D graphics and multimedia files so you can leverage them for additional business and entertainment uses.

### Translate 2D and 3D Graphics and Multimedia Files Key Capabilities

- Import and export over 40 popular multimedia formats including 2D and 3D graphics, audio, video, and motion capture file formats
- Translate 2D to 3D, 3D to 2D, and 3D to 3D
- Maintain 3D hierarchy and materials
- Translate key frame animations, kinematics, and softbody animations across all major DCC file formats including 3ds max®, Maya™, Softimage®, and Lightwave™, Photoshop®, and more



*Translate camera, key frame animations, inverse kinematics, soft-body animations, skin and bones across all major DCC file formats including 3ds max®, Maya™, Softimage®, and Lightwave™, Photoshop®.*

## Author, Render, and Publish 3D Images and Animations

Since we live in a 3D world, it is little wonder that the use of 3D in business and entertainment is accelerating. While the entertainment uses are most in the news, business adoption is widespread including training, technical documentation, marketing collateral, and more.

How much multimedia 3D do you produce and update today? Do you have enough skilled people to authors to meet this demand? And how productive are the authors you have? Do they have the tools they need?

Deep Exploration Standard Edition rapidly authors, renders, and publishes 3D images and animations so you can deliver more high impact multimedia 3D faster with an expanded pool of 3D content authors.

### Author, Render, Publish 3D Images and Animations Key Capabilities

- Author within a high productivity, 3D desktop application environment
- Author and publish 3D photoreal images with advanced materials palette
- Author and publish advanced key frame 3D animations
- Render modes include solid, points, wire frame, and transparent
- Publish to Microsoft Office, Adobe Framemaker, HTTP, and PDF



*Model Views enable you to quickly create, navigate and collaborate on different camera positions prior to rendering or publishing.*

## Search, View, and Markup 3D Graphics

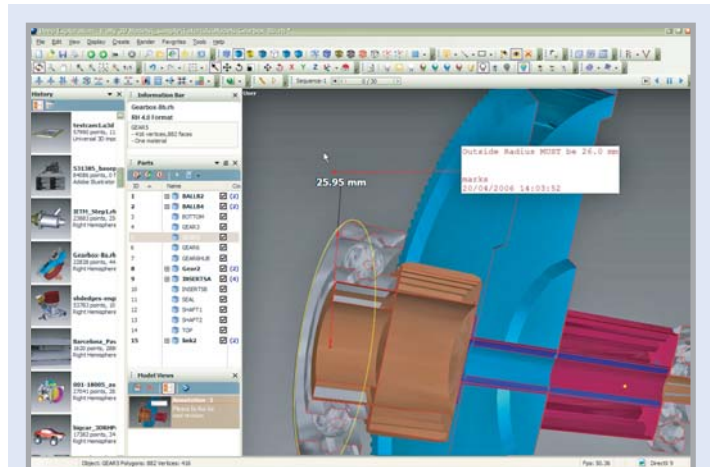
The great thing about 3D is its powerful ability to help humans better understand what they are seeing. And the great thing about online 3D is how you can interact with the 3D scene to rotate an image, zoom in and out, cross section, and more until you fully understand.

Can you easily find the 3D assets you have already authored? When you do find them, can you easily adjust the faces, lighting, materials, animation playbacks, and the rest in order to achieve the understanding required? Or are you settling for 2.5D?

Deep Exploration Standard Edition lets you easily search, view, and markup 3D graphics so you can raise your 3D content authors and collaborators understanding and productivity.

### Search, View, and Markup 3D Graphics Key Capabilities

- Search by file, format, and preview thumbnail images
- View graphics interactively including rotate, pan, and zoom
- Change lighting, render, materials, and more on the fly
- Replay animations, steps and sequences
- View cross sections
- Markup, measure and add annotations



*Easily markup and measure model components and markup model views with redlines and annotations. Deep Exploration Standard Edition also allows you to view cross sections of the model to access and view internal parts.*

## Upgrade to Deep Exploration CAD Edition

3D is valuable across business and entertainment. It is especially valuable at manufacturers who use 3D in both product development and product communications where it has proven time to market and cost savings. Are you a manufacturer who is using 3D CAD today? What if you could reuse these valuable CAD assets as a source for product graphics used across the rest of your extended enterprise?

While Deep Exploration Standard Edition is designed for the digital content creation professional whose 3D image and animation authoring rarely involves CAD sourced data, it also preserves your skills and data for use with more powerful Right Hemisphere PGM desktop and server applications. On the desktop in particular, Deep Exploration CAD Edition includes all the great capabilities included in Deep Exploration Standard Edition, plus powerful additional features for advanced CAD model translation and optimization, high quality line art illustration authoring, and high volume PGM process automation. For more information about Deep Exploration CAD Edition, go to [www.righthemisphere.com](http://www.righthemisphere.com).

## The Deep Exploration Standard Edition Difference

Right Hemisphere's Deep Exploration Standard Edition is powerful, yet fun to use, 3D multimedia authoring application. Unlike typical multimedia 3D tools, Deep Exploration Standard Edition is a unified application that works across a number of multimedia formats and 3D graphics styles so you can take advantage of existing content and avoid big changes by your creative staff.

## Right Hemisphere

Right Hemisphere's PGM software enables manufacturers to globally source, sell, and service products more effectively by delivering the right 2D & 3D product graphics, in the right format, right now across their extended enterprises, all from accurate, up-to-date engineering data readily available in current CAD and PDM systems.

Capitalizing on existing investments in 3D CAD and multimedia communications, while replacing today's manual processes that deliver undifferentiated product communications, only Right Hemisphere can turn your product communications such as RFQs, catalogs, manuals, courseware, collateral, IETMs, and more, into competitive advantage.

Over 500 innovative manufacturers, including five of the top six automotive OEMs and nine of the top ten US aerospace and defense contractors rely on Right Hemisphere to dramatically accelerate time to market, increase product and services revenues, and lower product communications costs.

Learn more about Right Hemisphere at [www.righthemisphere.com](http://www.righthemisphere.com)