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FOR IMMEDIATE RELEASE

Right Hemisphere Unveils Deep Exploration 6 Client Software to Enable the Visual Enterprise

PLM WORLD — Nashville, TN — June 1, 2009 — Right Hemisphere®, the standard for Visual Enterprise solutions, today announced a powerful, feature-rich release of its Deep Exploration™ client software. Available in August, Deep Exploration 6 has evolved to become highly integrated into Right Hemisphere's visual solutions and supporting technology infrastructure. Key new features include a highly configurable workflow-oriented user interface (UI); improved ability to view, select and navigate complex 3D models with new volume selection and real-time massive model navigation; a new XML file format to facilitate its integration with enterprise systems; and a completely new photorealistic rendering engine.

"Unifying visual and text-based product information is critical to enabling the Visual Enterprise. What Deep Exploration does for the Visual Enterprise is deliver navigation, authoring and repurposing of complex product information across a wide variety of business workflows," said Mark Thomas, founder and CTO at Right Hemisphere. "For Deep Exploration 6, we developed a more flexible and configurable user interface. We wanted to simplify the creation of a wide variety of downstream deliverables in alignment with the user's specific workflow needs. We've also made Deep Exploration easier to integrate with our Deep Server product as well as other enterprise systems in order to help unify and synchronize visual product information with business data for our customers who manufacture complex products."

Redesigned, Streamlined and Customizable User Interface

Deep Exploration 6 has a completely redesigned user interface (UI) to support a variety of different end user tasks, workflows and deliverables. The new UI is streamlined, customizable, and allows users to optimize their screen real estate

for higher productivity. The heart of the new UI is the Layout Manager which manages the visibility and order of the application's tool tabs, facilitating specific functionally oriented workflows. The tool tabs present only the capabilities and panels required for the specific task at hand and guide the user through the necessary steps to create an end deliverable such as a 2D technical illustration, a set of manufacturing work instructions or a photorealistic 3D image. Deep Exploration 6 will come standard with a number of predefined functionally determined layouts as well as offer users the ability to quickly create their own department-specific workflow solutions. Additional customization includes the ability to dock application panels on top of one another to free up more display space for the 3D model view port.

High Dynamic Range (HDR) Imaging

Deep Exploration 6 includes a powerful and entirely new rendering engine which employs high dynamic range (HDR) imaging technology. HDR imaging techniques support a wider range of luminance in a 3D scene—from direct sunlight to the subtlest of shadows. With this HDR rendering engine, Deep Exploration 6 users can drag and drop HDR materials, environment maps, and background images also known as “back plates” into a 3D scene to produce stunning, hyper-realistic imagery with ease and in minutes. This technology can significantly reduce the costs associated with product photography and customer communications.

Enabling Technologies for Visual Navigation

Deep Exploration 6 contains new tools and features to enable users to navigate, select and review large, complex 3D models. Deep Exploration 6 will allow users to view large CAD assemblies —of up to 500 million polygons and 200,000 unique parts or bigger that have been converted by Right Hemisphere's next generation Deep Server™ software available later this year—using just standard desktop PCs. The large model navigation feature allows users to load and interact with these large, complex models in real time. This capability changes the way content authors access large product datasets and complex hierarchies to bring together all the data they need to create illustrations, renderings, training content or other product related material. Users simply zoom or navigate to the view of a model they wish to work with and save out that geometry view for further work.



The navigation of any model is enhanced with the new Volume Select tool in Deep Exploration 6. Volume Select lets users choose an area of the model by defining variables of the “geometric envelope” — the area inside a square, sphere or rectangle. This tool enables a user to search and explore the model without having to locate the assembly or part numbers in the bill of materials (BOM). It’s also very useful when a product BOM varies from its as designed, as built, and as maintained status.

New Solutions Driven by XML

In Deep Exploration 6, the entire scene graph—or data structure—can now be described by XML. Combining the power of the XML-based Deep Server processing engine with the new XML data structure enables Right Hemisphere to achieve a more seamless level of integration with customers’ existing enterprise systems. By integrating with customers’ existing enterprise systems, Right Hemisphere and its manufacturing customers can rapidly create solutions and workflows that accelerate key business processes, product introductions, time to market, and more.

Right Hemisphere’s Deep Exploration 6 software will ship in August and be available in a variety of different license types. For more information, please visit www.righthemisphere.com.

About Right Hemisphere

Right Hemisphere is the standard for Visual Enterprise solutions. The company's software and solutions help Global 1,000 manufacturers to optimize their mission critical business processes such as engineering, manufacturing, service and support, training and sales and marketing. The software does this by unifying visual product information with relevant business data readily available in corporate CAD, PLM, and ERP systems. It then automatically delivers this intelligent product information into commonly used business documents, file formats and even directly into business applications for secure downstream use anytime, anywhere. Founded in 1997, Right Hemisphere is a privately held, venture-funded corporation based in Silicon Valley and Auckland, New Zealand. For more information please visit www.righthemisphere.com.



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