



## **Fovia Showcases Perfect Scalability When Put to Test by Apple**

**Palo Alto, California, November 28, 2010** -- Fovia, Inc., a leader in volume rendering technology, has demonstrated the scalability of its High Definition Volume Rendering® software on the newest generation of Apple® computers. Fovia's HDVR® software performed 1.5x faster on a Mac Pro 12-core 2.93GHz than it did on a Mac Pro 8-core 2.93GHz (Apple's previous generation), thereby showcasing perfect, core-for-core scalability. The benchmarking results can be found on Apple's website at <http://www.apple.com/macpro/performance.html>.

Fovia's HDVR algorithms and architecture take full advantage of the future directions in both imaging and computing (larger datasets, larger projection displays, multi-core processors, multi-threading, multi-CPU environments and server-side rendering for thin-clients) without sacrificing quality or performance. This scalability has been, and will continue to be, critical to ensuring the long-term superiority of Fovia's solution.

George Buyanovsky, Fovia's President and C.T.O., remarked, "The highly-efficient multi-core scalability of HDVR has been a major focus of Fovia's rendering technology. Our CPU-based Volume Ray Casting algorithms very effectively utilize available CPUs resources; therefore, the evolution of general purpose CPUs toward multi-cores and multi-threading are increasingly beneficial for our clients, and we are pleased that our benchmarking results have been published by such a well-respected third party."

Fovia's scalable, software-only solution has unparalleled interactive image quality, superior performance, and better memory utilization than other products currently available – including expensive, hardware-based approaches. In addition to its extraordinary scalability with respect to processor performance, Fovia's HDVR® engine scales with both the exponentially increasing amount of data being generated by modern scanners, and with the continuing growth of larger and higher definition displays now being used for more accurate viewing.

### **About Fovia, Inc.**

Fovia, Inc. was founded in 2003 to address the challenges of data explosion – the exponentially increasing amount of data being acquired by modern imaging modalities. The firm has developed a CPU-based, High Definition Volume Rendering® software solution that leverages and scales with multi-core, multi-processor and multi-threaded generational processor development. Fovia's HDVR® solution is more scalable, cost effective, flexible, and easily deployable on an enterprise-wide basis than GPU or other hardware-based approaches and

can be easily and natively integrated into various original equipment manufacturers' offerings, therefore allowing OEMs to quickly and cost-effectively offer the world's most advanced volume rendering to their customers.

For additional information, visit [www.fovia.com](http://www.fovia.com).

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