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FOR IMMEDIATE RELEASE

Quantum3D Announces Independence IDX 7000 Image Generator

*Next Generation Simulation and Training Image Generator Delivers
Greater Performance and Enhanced Capabilities at Nearly Half the Size of Predecessor*

SAN JOSE, Calif. – Nov. 16, 2010 – Quantum3D, Inc., a leading provider of visual computing solutions for government and commercial applications, today introduced its next generation high-performance and high-quality image generator for simulation and training – the Independence IDX 7000. At nearly half the size of the current IDX 6000, this new image generator offers enhanced performance and capabilities to deliver a versatile and powerful simulation and training platform that can be setup in a dedicated room or easily transported, to meet a range of onsite, on-location and mobile training needs.

“Image generator solutions that can create realistic visual environments – virtual scenarios that look and feel real – are an essential part of pilot-readiness training,” said Arthur Yan, president, Quantum3D. “Leveraging a smaller package and increased performance, the Independence IDX 7000 delivers performance, fidelity, reliability, quality, and overall value, setting a new industry benchmark for rapid deployment, field upgradeability and scene realism.”

Designed for use with any simulation system, ranging from fixed and rotary-wing aviation to military ground vehicles, the Independence IDX 7000 image generator provides the highest visual performance density available today with four video channel outputs per low-profile 1U module. In addition, the IDX 7000 is rapidly deployable for simulation and training anywhere in the world by combining Mantis® shader-based real-time scene management software with geo-specific, worldwide synthetic environments and FAA Level-D capabilities.

More About the Independence IDX 7000

The Quantum3D Independence IDX 7000 offers many features designed to exceed the requirements of virtually any image generation application, including:

- **Density:** Achieves unmatched levels of visual computing density by combining a server-class motherboard, latest Intel processors, up to two NVIDIA® Quadro FX® GPUs, and Quantum3D's Precision Video Synchronization
- **Flexible Rack Size:** Provides noise-suppressed 35u, 24u (transportable), 18u or 12u rack options to meet space requirements
- **Scalability:** Offers a choice of one, two or four shader-based simulation channels to deliver the desired level of realism in every scene
- **Open Architecture:** Supports industry-standard CIGI 3.x messaging protocol over dedicated Gigabit Ethernet and database formats including OpenFlight, NPSI, CDB, and CTDB
- **World Wide Database Support:** Delivers continuous flight, worldwide terrain, modeled with 15m geo-specific imagery; drop-in high-resolution insets are customer-enabled using CatalystSE™ DBGS tools
- **High Resolution Channels:** Super high-resolution, multiple-input projectors supported with no additional effort
- **Reliable and Secure:** Network-Attached Storage Architecture (NAS) provides a single convenient connection to a centralized Remote Network Storage Array; diskless system to ease administration and increase security
- **Sensor Enabled¹:** Supports QUEST2 software and viXsen (Virtual Cross Platform Sensor Simulation) for correlated, physics-based NVG, IR, Day Camera, and EO Simulation

The new IDX 7000 will be demonstrated at Quantum3D's booth (# 1437) at [I/ITSEC](#), the world's largest modeling, training and simulation and training conference, later this month. The new IDX 7000 will start shipping in Q1 2011.

About Quantum3D

Quantum3D, Inc. is a leading developer and manufacturer of Commercial-off-the-Shelf (COTS), open-architecture, real-time visual computing solutions. Quantum3D combines the most advanced hardware and software systems for graphics simulation in a variety of markets and implementations—image generation; tactical computing for avionics; vehicle and man-

wearable applications; synthetic environments; graphics subsystems; and other COTS solutions. Quantum3D is a privately-held company headquartered in San Jose, California. For more information about Quantum3D real-time visual computing solutions, please visit www.quantum3d.com.

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¹ Sensor simulation capabilities are controlled under the International Traffic in Arms Regulations (ITAR), and offered only subject to an export license from the US Department of State

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