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FOR IMMEDIATE RELEASE

Quantum3D Delivers GeoScapeSE Worldwide Database to Lockheed Martin

Expansive Database Delivers High-Quality Virtual Imagery for High-Speed Jet Flight Simulation on Suite of Quantum3D Independence IDX Image Generators

SAN JOSE, Calif. – Dec. 13, 2010 – Quantum3D, Inc., a leading provider of visual computing solutions for government and commercial applications, today announced it has delivered its GeoScapeSE® Worldwide Database (WWDB) to Lockheed Martin for use with their suite of Independence IDX image generators for high-speed jet flight simulation. GeoScapeSE WWDB delivers a realistic, geo-specific representation of the entire earth, and is the industry's first commercial-off-the-shelf (COTS) database built entirely from the highest resolution world coverage available today.

"In order to deliver effective, real-world simulations, real-time training systems require continuous visual domain flight throughout multiple regions of the world," said Arthur Yan, president, Quantum3D. "We have taken our extensive database experience and applied it to the GeoScapeSE WWDB to offer one of the most robust representations of the entire world, allowing companies like Lockheed Martin to rely on unparalleled global realism to meet their rigorous simulation demands."

Optimized for use with Quantum3D's image generators, including the new Independence IDX 7000, GeoScapeSE WWDB provides continuous flight, worldwide terrain, and geo-specific imagery to deliver high-quality global imagery with color matching and balancing between adjacent data sets. Unlike many platforms that use "geo-typical" graphics to approximate reality, GeoScapeSE WWDB delivers actual imagery at a variety of resolutions – 15m for all earth landmasses outside the polar caps, 10m for the coterminous United States, and 5m to 1m for all areas of interest. Additionally, drop-in high-resolution insets can be added for custom configurability to a scene, such as airfields and target ranges in background terrain.

GeoScapeSE WWDB is optimized for fixed and rotary wing flight applications and provides environmental flexibility, allowing it to be used in a range of scenarios, including out-the-window (OTW), night vision goggles (NVG), infrared (IR), electro-optical (EO), and radar real-time simulation. The database also features open architecture that is designed to accommodate technology insertion to improve the quality of the database by keeping it current, and to support the addition of new AOIs for additional training areas and tasks.

For more information on the GeoScapeSE WWDB, visit Quantum3D's [website](#).

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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