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Quantum3D and Alta Data Technologies Announce Validation of Thermite 3 AltaCore-1553 Interface

Thermite 3 computer's MIL-STD-1553 network interface to the SAE AS4111 Remote Terminals Validation Test Plan Successful

SAN JOSE—August 4, 2008—[Quantum3D, Inc.](#) and [Alta Data Technologies](#) today announced the successful validation testing of Quantum3D's newest Thermite tactical visual computer to the SAE [AS15531](#) MIL-STD-1553, [AS4111](#) Remote Terminals (RT) Validation Test Plan. [Thermite 3](#), which utilizes Alta's embedded 1553 core technology, [AltaCore-1553](#), is the most powerful field-embedded visual computing system for military and other rugged vehicle systems. This successful test by an independent third party, [Test Systems, Inc.](#) of Phoenix, validates Quantum3D's and Alta's MIL-STD-1553 interface to the industry's most accepted, stringent test standards.

"Alta is proud to work with Quantum3D to get the Thermite 3 embedded visual computer 1553 certified. Quantum3D's leadership in the embedded computing space is well understood: Whether for powerful, vehicle-embedded solutions enabled by the Thermite 3 or man-wearable systems for the battlefield, Quantum3D's Thermite line provides exceptional performance. We are pleased to have our AltaCore-1553 protocol engine as an integral part of Quantum3D's newest Thermite computer," said Harry Wild, VP of Sales for Alta Data Technologies.



"Quantum3D reviewed the 1553 marketplace and determined Alta's product to be the best fit for our customers who demand a proven, full featured MIL-STD-1553 network interface and support toolset. The AltaCore-1553 and [AltaAPI](#), application program interface tool kit, was easily integrated into our FPGA chip and system design to provide our customer an advanced, yet easy to use 1553 development environment. Alta's RT Protocol Validation Software, [AltaRTVal](#), saved man weeks in test preparation and was instrumental in a successful, first visit test for the Quantum3D Thermite product," states Alan Simmonds, VP of Engineering at Quantum3D.

Quantum3D is currently selling Thermite 3 systems to both military and civilian customers. Alta currently sells and supports the AltaCore and its full line of 1553 and ARINC interface cards, analyzer software and RT Protocol Validation software.

About Alta Data Technologies

Alta Data Technologies LLC is a leading provider of avionics interface products, including embedded MIL-STD-1553 and ARINC interface modules and test/analyzer software. Alta's products are ideal for the test and simulation markets, as well as, rugged, embedded applications. Alta's products utilize the industry's most advanced protocol engine and modular application programming software to provide the customer a full featured, validated avionics interface. Alta is a privately held company headquartered in Rio Rancho, New Mexico. For more information on Alta 1553 and ARINC products, please visit www.altadt.com.

About Quantum3D

Quantum3D, Inc. is the 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—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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