

ALTA DATA TECHNOLOGIES RELEASES MIL-STD-1553 54mm PCI EXPRESSCARD

New MIL-STD-1553 One and Dual Channel Card Leads Industry Innovation

Rio Rancho, NM (March 18, 2010) - Alta Data Technologies

(Alta) announces the release of a MIL-STD-1553 54mm PCI ExpressCard (ECD54-1553) interface card that can support one or two dual redundant MIL-STD-1553 channels (networks). The ECD54-1553 card provide many industry-first features, including a rugged thumbscrew, low profile connector, an A/D signal capture and full 1553 signal generator. The PCI ExpressCard 1553 supports Windows™, Linux, RTOS and LabVIEW™ and is the only PCI ExpressCard products that can run and execute the SAE AS4111 5.2 RT Validation tests, can operate as full Bus Controller (BC), multi Remote Terminal (mRT) and Bus Monitor, and provide advanced Signal Capture.



“The ECD54-1553 is based on our proven AltaCore-1553 protocol engine with the advanced Common Data Packet (CDP) architecture. This new card provides unparalleled MIL-STD-1553 capabilities for portable systems with 54mm PCI ExpressCard expansion capabilities. Having a low profile card with our rugged thumbscrew connector provides a marked improvement over many implementations that have clumsy, exposed doghouse style connections. And our 1553A and 1553B test and simulation capabilities offer market leading capabilities,” states Rich Wade, CTO of Alta.

Harry Wild, VP of Sales of Alta adds, “This new 1553 PCI ExpressCard represents another Alta advancement in both functionality and packaging, and the A/D signal capture and signal generators are industry-leading features not found on competitor’s products. This new rugged design will provide our customers many options for 1553 connectivity in the lab and with deployed applications, Customers will achieve significant savings in integration, test time and reliability with the ECD54-1553. Our AltaAPI software tool kit provides over 80 example programs that make 1553A or 1553B integration very easy.”

About Alta Data Technologies

Alta is a rapidly growing, private company that provides industry leading supplier avionics interface cards and software. Alta's PCI, PCI Express, PMC, XMC, PCCARD, VPX, cPCI/PXI and PCI ExpressCard interfaces offered in high-density channel configurations, IRIG Time Code Decoder, Triggers, Discretes and our advanced AltaAPI software tool kit package. Operating system platforms include MS Windows 32 and 64-bit, National Instruments' LabVIEW & Real-Time, Wind River's VxWorks, Greenhills Software' Integrity, LynxWorks' LynxOS, Linux 32-bit and 64-bit, IntervalZero's RTX and Sun's Solaris 64. Trademarks are property of their respective owners.

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