

Alta Data Technologies Announces MIL STD-1553 and ARINC Product Support for WindRiver's VxWorks™ 6 Operating System



Released on: August 26, 2008, 4:45 am

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Industry: [Aerospace](#)

Press Release Summary: Alta's VxWorks Product Support Enables Customers to Quickly Integrate 1553 and ARINC Avionics Networks in to Rugged Embedded, Conduction Cooled, Test and Simulation Applications



Press Release Body:
Alta Data Technologies LLC (Alta) of Rio Rancho, NM, a leader in advanced avionics interface modules,

announces new support for **WindRiver's VxWorks 6** real-time operating system. The non-RTP driver is provided with source code at no cost with standard **MIL-STD-1553 and ARINC** interface cards. *"This new driver support enables our customers to quickly integrate **Alta 1553 and ARINC products** in to their real-time, VxWorks embedded application. When combined with our advanced application program interface tool kit, **AltaAPI™**, and our card's full featured **AltaCore™** protocol*

engine, the customer receives the very latest, state of the art avionics performance.”
states **Rich Wade, Chief Technical Officer of Alta.**

Alta’s 1553 and ARINC interface cards are available for most standard backplanes (including commercial and rugged embedded/conduction cooled systems) such as PCI/PCI-X/PCI Express, PMC/VME/VPX, PMC/CompactPCI, PCCARD/PCMCIA, PC104-Plus systems (and coming soon with native products for PCI Express, PCI ExpressCard, XMC and PCI104-Express). **Alta** also sells two software products for 1553 and ARINC analyzers, **AltaView™**, and the industry’s only SAE AS4111 1553 Protocol Test Package, **AltaRTVal™**.

The **AltaCore-1553™** protocol engine has been fully **AS4111 RT Validated** and **AltaRTVal** test processes have been verified against independent 3rd party test procedures; this combination provides the most verified 1553 standard product in the industry.

AltaAPI is a modular software tool kit that enables the customer to quickly integrate avionics controls to their application. The professional, modular design of **AltaAPI** is ideal for long term project support and can quickly be ported to various operating/development systems, such as Linux 32-bit & 64-bit, MS Windows XP/NT/Vista/C#/.NET™, NI LabView™ Applications, Greenhills Software Integrity™, LynxWorks LynxOS™, etc...

Alta is a privately held company that has experienced rapid growth in the avionics embedded, test and simulation markets. Alta’s products offer the latest in technology design with a pure 32 FPGA design and memory architecture to provide the customer’s system the most advanced, validated interface for 1553 (1553A/1553B/Notice II and Notice IV) and ARINC (ARINC-429/575/573/717) avionics networks.

For more information, contact Alta at 888-429-1553 (in US), 505-994-3111 (outside US), alta.sales@altadt.com or www.altadt.com.

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**MIL-STD-1553, MIL-STD-1553B, 1553, ARINC, ARINC-429, Avionics,
Conduction Cooled, Rugged**