



PRESS RELEASE

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AIM's New USB ARINC429 and MIL-STD-1553 Analyzer

AIM-USA, manufacturer of Avionics Test & Simulation Products for Fibre Channel, MIL-STD-1553, ARINC429, and AFDX products introduces a new USB MIL-STD-1553 Analyzer called the APU1553 and a new USB ARINC429 Analyzer called APU429.

APU1553

The APU1553 is a complete test, simulation, monitor and recording product for MIL-STD-1553 applications. The unit provides one or two dual redundant MIL-STD-1553 streams and can concurrently act as Bus Controller, Multiple Remote Terminals, and Chronological Bus Monitor. In addition, the APU1553 includes input / output discretes to be monitored or generated. The module is powered by a USB connection to the host computer eliminating the need for an external power source. The APU1553 includes an on-board high-precision "free-wheeling" IRIG-B time encoder / decoder which allows users to synchronize the APU1553 to a common time source. The APU1553 includes an Application Programming Interface (API) with Windows and Linux device drivers. The optional PBA.pro Analyzer software incorporates databus protocol Analyzer features and high level data engineering unit conversion and visualization.

APU429

The APU429 is a complete test, simulation, and monitoring databus analyzer for ARINC429 applications. The analyzer can be configured with up to 16 channels (8 input / 8 output) to be monitored. The APU429 is powered by a host computer with a USB 2.0 connection eliminating the need for an external power source. The APU429 includes an on-board high-precision 'free-wheeling' IRIG-B time encoder / decoder which allows users to accurately synchronize the APU429 Analyzers to a common time source. The APU429 includes an Application Programming Interface (API) with Windows and Linux device drivers. The optional PBA.pro Analyzer software incorporates databus protocol analyzer features and high level data engineering unit conversion and visualization.

AIM-USA was incorporated in October 2000, and is a U.S. employee owned company, based in Omaha, Nebraska.

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