

# COME FLY WITH ME



**A**IM's rugged ANET-MxAy-R Ethernet based interface for MIL-STD-1553, ARINC429 and mixed protocol applications has been qualified to MIL-810G standards for shock, vibration, humidity and altitude, for the most rugged applications.

This qualification now enables customers to use the ANET-MxAy-R for rugged and airborne requirements. Applications include data loading, data monitoring, simulation and protocol gateways. One real airborne application for which the ANET-MxAy-R will be deployed is on board a military aircraft, integrated into a pod, for real-time avionics databus monitoring.

Up to two dual redundant MIL-STD-1553 streams (BC, MRT, BM) and up to 12 ARINC429 channels configurations are available. Standard ANET features like IRIG-B I/O, discrete I/O, trigger I/O and a general purpose USB 2.0 port for hosting USB devices are available for the rugged ANET plus an Ethernet interface supporting 10/100/1000

Ethernet links. They have a wide range power input 9.36V DC and an optional MIL-STD-704-compliant power input 18.50V DC.

The API interface is compatible with the standard API of the AIM MIL-STD-1553 and ARINC429 ANET interfaces. Powerful ANET features such as the onboard Python scripting and a Customer Application Development Kit are offered.

The standard AIM PBA.pro test and analysis software for Windows and Linux is available as an option to control the rugged ANET from a networked host system. The optional PBA.pro Engine for execution in the ANET is also available. \\\

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