

# Avionics Interface Technologies News Release



## Avionics Interface Technologies, formerly AIM-USA, signs strategic alliance with TTTech North America

Omaha, NE -- August 16, 2010

AIT is pleased to announce the formation of a long-term strategic alliance with TTTech North America to add ARINC664/AFDX, Ethernet, Time-Triggered Ethernet, and Time-Triggered Protocol to their product portfolio. AIT will provide local sales and support for North American customers and provide increased engagement in the US government and aerospace market for TTTech. This tightly coupled partnership will capitalize on AIT's experience in product design, sales, production, and support, as well as TTTech's leadership in time-triggered communication technologies.

"We are pleased to have partnered with an experienced company like TTTech, who have a mature capability in product design to full flight certifications and AS9100 aerospace quality standards. TTTech's products in TTP, TTEthernet and ARINC664/AFDX round out our product portfolio, specifically supporting emerging technologies for the future," said to Bill Fleissner, President of AIT.

AIT provides a suite of test and simulation products for a wide variety of avionics bus applications, including MIL-STD-1553, ARINC429, ARINC615A, Fibre Channel, and MIL-STD-1760E. With support from TTTech, ARINC664/AFDX, Time-Triggered Ethernet (TTE), and Time-Triggered Protocol (TTP) will be added to AIT's portfolio. AIT will remain an independent company and will continue to enhance and supply the newly combined variety of avionics products to aerospace customers.

The TTP ASICs are mature DO-254/DO-178B certified for design of critical embedded flight systems. TTEthernet and TTP are open industry standards (SAE AS6802 and AS6003 respectively) that offer higher bandwidth when compared to CAN, MIL-STD-1553, and ARINC429. They provide significant advantages in terms of reliability, modularity, lower weight, certification, reduced cost, and faster time to market for aerospace systems.

"AIT's existing product suite is well respected and complementary to TTTech's products. It is very important for both companies to provide excellent and timely support to our customers and our investment in AIT is a key step in our growth strategy," stated Kevin Wright, TTTech Executive VP of TTTech North America.

AIT has experience bridging older avionics bus standards with emerging technologies such as taking MIL-STD-1553 to Fibre Channel and then MIL-STD-1760E for defense programs. This same path is expected for ARINC429 to ARINC664/AFDX and then to Time-Triggered Ethernet for commercial, defense, and space programs.

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