



1394 Trade Association Issues New Article on How FireWire Delivers Cost Effective Benefits for Safety-Critical Military and Aerospace Systems

San Francisco, Feb. 11, 2013 -- A new article developed by the 1394 Trade Association details the performance benefits of the 1394 (FireWire) standard when used in military and aerospace systems.

The new article is entitled "IEEE-1394 and AS5643 Brings Deterministic networking to high reliability Mil-Aero designs. It appears on UBM's [Embedded.com publication](#). The author, Richard Mourn, is a long-time systems developer who helped develop the original FireWire specification. He is chairman of the 1394 Trade Association and employed by DapTechnology, a global company that designs, develops, and markets high quality IEEE 1394 products and integrated solutions.

The article reviews how IEEE-1394 has been gaining traction as an aerospace and defense high-speed interface, as illustrated by its use in programs such as the F-35 Lightning II, NPOESS, X47B, JSOW, and X2000. The standard provides key features that couple with SAE Standard AS5643 to create a deterministic, robust, and redundant system architecture that meets most A&D requirements for a real-time control bus. The technologies deliver a cost effective solution for a variety of safety-critical subsystems.

The new article can also be found on the 1394 Trade Association website at <http://www.1394ta.org/>

The 1394 Trade Association is a worldwide organization dedicated to the advancement of the IEEE 1394 standard. More than 2.5 billion FireWire ports have shipped on a wide range of computing, consumer electronics, industrial, storage and other systems. For more information, visit www.1394ta.org

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