

American Data Solutions Showcased F-16 Digital Transformation by Inducting SGML Source Data into MDDV, A Class-6 IETM

American Data Solutions successfully completed the AFWERX SBIR Phase II contract, proving the effective use of F-16 SGML OEM source data inducted into MDDV without the expensive and time-consuming conversion to S1000D, while providing all of the same capabilities.



Multipurpose Digital Data Viewer

Smyrna, Georgia, January 6, 2025 – American Data Solutions announces it has completed a US Air Force AFWERX SBIR Phase II contract, proving the successful induction of F-16 SGML source data into the MDDV IETM, without the expensive and time-consuming conversion to S1000D while still providing the same capabilities. This addresses one of the most pressing data management challenges in the Department of the Air Force (DAF).

The Air Force Research Laboratory and AFWERX partnered to streamline the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) process by accelerating the small business experience through faster proposal to award timelines, changing the pool of potential applicants by expanding opportunities to small business and eliminating bureaucratic overhead by continually implementing process improvement changes in contract execution.

"This program demonstrated how MDDV can enable any military program, with SGML source data, to fully utilize the capabilities of the MDDV IETM without an expensive and time-consuming conversion to S1000D. Our Class-6 IETM (MDDV) contributes significantly to reducing downtime, increasing aircraft availability, and ensuring the continued excellence of the F-16 fleet"

- Ran Meriaz, CEO of American Data Solutions

The views expressed are those of the author and do not necessarily reflect the official policy or position of the Department of the Air Force, the Department of Defense, or the U.S. government.

About American Data Solutions

American Data Solutions is a leading provider of both converting legacy data into S1000D and alternate innovative data solutions utilizing the original OEM data structure, while delivering additional advanced technologies (i.e. Integrated Digital Wiring and 3D graphics) to support mission-critical operations across various industries. With a commitment to excellence and a focus on cutting-edge solutions, American Data Solutions empowers organizations to optimize their data management processes, enhance operational efficiency, and achieve unparalleled success; all while saving any program between 20-30% in maintenance time and costs. For more information, visit: mddv.com.

About AFRL

The Air Force Research Laboratory is the primary scientific research and development center for the Department of the Air Force. AFRL plays an integral role in leading the discovery, development, and integration of affordable warfighting technologies for our air, space and cyberspace force. With a workforce of more than 12,500 across nine technology areas and 40 other operations across the globe, AFRL provides a diverse portfolio of science and technology ranging from fundamental to advanced research and technology development.

About AFWERX

As the innovation arm of the DAF and a directorate within the Air Force Research Laboratory, AFWERX brings cutting-edge American ingenuity from small businesses and start-ups to address the most pressing challenges of the DAF. AFWERX employs approximately 325 military, civilian, and contractor personnel at six hubs and sites, executing an annual \$1.4 billion budget. Since 2019, AFWERX has executed 4,697 new contracts worth more than \$2.6 billion to strengthen the U.S. defense industrial base and drive faster technology transition to operational capability.

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