

AFATDS

Advanced Field Artillery Tactical Data System (AFATDS) 7.0

Leidos is delivering the next generation of the Advanced Field Artillery Tactical Data System (AFATDS) 7.0 to modernize and enhance fires operational capabilities for current and future platforms and munitions. AFATDS 7.0 maximizes Common Operating Environment (COE) integration, open system architecture principles, user experience with industry standard look and feel, and task efficiency with streamlined workflows. It embeds modern training technologies and supports existing and cutting-edge munitions and weapon platforms such as smart/precision munitions. It is also easily adapted to future weapon systems such as long range precision fires.

AFATDS is a multi-service, automated command, coordination, communication, and computing system that provides fire support to all echelons—from firing unit through theater level—for Army, Marine Corps, Naval firing platforms, Navy command and amphibious assault ships, Air Force operations centers, coalition and joint command and control centers.

Leidos also provides sustainment support for current Fires C2 and radar systems including AFATDS 6.8.1.x, JADOCs, firefinder radar, forward observer, and handheld systems.



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Key Point	Proof
Critical to the Warfighter	<ul style="list-style-type: none"> ▶ AFATDS involved in controlling, tracking, and/or monitoring every indirect ground fire mission ▶ Adaptable to future weapons systems such as long range precision fires
Usable	<ul style="list-style-type: none"> ▶ Soldier input incorporated into every development phase via usability events ▶ Embedded help and training make the system easier to learn and use ▶ Employs Google Material web application look and feel (e.g., VMF free text messaging resembles well known web-based email clients) ▶ Development and usability leverage innovative technology and intuitive approach designed with future generations of soldiers in mind
Sustainable	<ul style="list-style-type: none"> ▶ Delivered to U.S. Army with unlimited U.S. Government use and data rights ▶ Modular and Open Systems Architecture (MOSA) design supports multi-vendor integration of future weapons systems – lowering life-cycle costs
Cyber and Safety Compliant	<ul style="list-style-type: none"> ▶ Compliant with DoD cybersecurity requirements, including RMF and NIST 800-53 ▶ Compliant with MIL-STD-882E system safety requirements and the Joint Software Systems Safety Engineering Handbook
Integrated	<ul style="list-style-type: none"> ▶ Direct integration with COE tools and services ensures enterprise compatibility, reductions in stove-pipe implementations, and supports an integrated Common Operating Picture ▶ Collaboration between AFATDS 6.8.1.x sustainment and AFATDS 7.0 development efforts to ensure seamless critical warfighting capability transition ▶ True partnership and collaboration between the Army and Leidos, leveraging an innovative agile development approach based on mission threads ▶ First role/echelon-based Block delivery will be used for live fire demonstration in CY2021

ABOUT LEIDOS

From seafloor to cyberspace, Leidos is delivering innovative solutions that help our customers protect what's most important. Our uncompromising focus is on evolving and accelerating readiness, resilience, and strategic modernization. Leidos has nation-scale expertise, working alongside domestic and international organizations and agencies—including the DoD, DISA, and all branches of the U.S. military—to revolutionize and future-proof their capabilities around the world and across domains.

With a 50-year heritage, an agile workforce, and a dedicated innovation center, Leidos is bridging the gap between industry, academia, and government challenges. We're bringing to bear a new generation of tools, technologies, and systems that are changing the way our global customers protect citizens and critical assets and information.

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