

# 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 fire operational capabilities for current and future weapons platforms and munitions.

### MODERNIZING FOR DECISIVE OVERMATCH

AFATDS 7.0 will modernize and enhance command and control of fires operational capabilities for the U.S. Army and Marine Corps platforms and munitions of today and tomorrow. AFATDS 7.0 eases integration with other systems through open messaging standards and modernizes software technologies to increase sustainability. It adheres to open system architecture principles to facilitate upgrades, improves interfaces to enhance user experience, and employs the latest cybersecurity methods to protect against the latest threats. It also embeds YouTube-like videos and applications for a modern training experience. AFATDS 7.0 supports munitions and weapon platforms such as smart/precision munitions and long-range precision fires.

### WHAT'S DIFFERENT ABOUT AFATDS 7.0

- ▶ Increases operator recognition and comfort level
- ▶ Contextual Help and Embedded Training enables rapid operator proficiency and skill sustainment
- ▶ Hardened against modern cyber threats
- ▶ Modern modular and open architecture simplifies updates and deployments and makes sustainment manageable
- ▶ Standardized messaging for ease of integration and use across multiple service platforms and Joint operations



*The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.*

Features	Benefits
Modern look and feel	<ul style="list-style-type: none"> <li>▶ Intuitive to use</li> <li>▶ User interface is easily recognizable to today's warfighters</li> <li>▶ Reduces cognitive load in fast-paced operations by integrating responsive animations and transitions with depth, lighting, and shadows</li> <li>▶ Global styling and animations provide consistency across the application and are easily adaptable to new evolution in UI design</li> </ul>
Embedded Help & Training	<ul style="list-style-type: none"> <li>▶ Task-based training at the point of need</li> <li>▶ Context-sensitive embedded help provides immediate and relevant assistance to the warfighter in a recognizable format directly from the AFATDS software application</li> <li>▶ Embedded Interactive Multimedia Instruction (IMI) allows for continuous self-paced training to keep critical software tasks fresh during non-combat operations</li> <li>▶ Interactive Electronic Technical Manual (IETM) that is installed with the operational AFATDS software provides comprehensive system documentation</li> </ul>
Cyber Secure and Safe	<ul style="list-style-type: none"> <li>▶ Threat hardened</li> <li>▶ Modern Risk Management Framework (RMF)-compliant processes</li> <li>▶ Proactive and holistic vulnerability management</li> <li>▶ Continuous secure DevSecOps-based risk management</li> <li>▶ Design for Safety, MIL-STD-882E, and Joint Software System Safety Engineering Handbook (JSSSEH) Appendix E</li> </ul>
Easy Sustainment	<ul style="list-style-type: none"> <li>▶ Easy to extend</li> <li>▶ Backward compatible with the previous version of AFATDS ensures continuity of operations</li> <li>▶ Modular and open system architecture supports multi-vendor integration of future combat systems</li> <li>▶ AFATDS 7.0 is built on a Free and Open Source Software (FOSS) architecture that utilizes micro-services</li> <li>▶ Easy to integrate new services without breaking existing functionality</li> <li>▶ Customizable deployment options support dynamic configurability</li> <li>▶ Delivered to U.S. Army with unlimited U.S. Government use and data rights</li> </ul>
Joint and Interoperable	<ul style="list-style-type: none"> <li>▶ Joint operations today</li> <li>▶ AFATDS is the Army's and USMC's automated Technical Fire Direction system for surface-to-surface indirect fires.</li> <li>▶ Already capable of producing LRPF technical solutions</li> <li>▶ Standardized messaging implementation</li> <li>▶ Free and Open Source Software facilitates interoperability</li> <li>▶ Easy to integrate without breaking existing functionality</li> </ul>

## WHY PARTNER WITH LEIDOS

Leidos is responsive, collaborative, and experienced in producing and sustaining cutting-edge command and control systems. We provide agile and adaptive solutions which incorporate Soldier/Operator input to ensure a shared vision and superior results. Our highly skilled professionals understand the critical role of this system in achieving battlefield overmatch. From counter-insurgency to large-scale combat operations, AFATDS 7.0 will significantly contribute to successful multi-domain operations.

## FOR MORE INFORMATION

[leidos.com/defense](https://leidos.com/defense) | [leidos.com/contact](https://leidos.com/contact)

