



Amentum's Experience & Infrastructure Optimization Model (AXIOM)

Modernization that delivers tactical and strategic advantage.

AXIOM lays the foundation for secure, scalable defense missions with a modernized IT infrastructure built to enhance operations while maintaining zero risk to ongoing missions. As the digital backbone of Missile Defense System—Next and Golden Dome, AXIOM delivers unmatched resilience, smarter governance, and seamless performance from the enterprise to the tactical edge.

What Makes AXIOM Different?

AXIOM has consistently demonstrated its ability to modernize networks and IT environments for critical missile defense systems while sustaining ongoing operations. Mission-driven results include:

-  **Zero-Risk Modernization** — Armored Zero Trust (AAZT) protects critical missions without disruption, securing both existing and next-generation systems for global missile defense efforts.
-  **Unified Architecture, Lower Costs** — Standardized solutions eliminate fragmentation across enterprise IT and tactical command networks, reducing operational complexity and total costs.
-  **Faster Mission Impact** — Automation and Commercial-Off-The-Shelf (COTS) technologies reduce deployment timelines and deliver operational advantage, ensuring continuous mission performance.

AXIOM accelerates defense modernization with secure, resilient infrastructure built to keep critical missions connected, protected, and ready for what's next.

Why Choose the AXIOM Solution?

At Amentum, we deliver modernization that meets current and future mission demands with expertise, transparency, and focus:



Collaboration

Our approach unites teams, tools, and systems to ensure mission-aligned modernization partnered seamlessly with government and industry stakeholders.



Adaptability

AXIOM evolves to meet emerging threats, shifting technologies, and dynamic mission needs with flexible, scalable, cloud-ready architectures.



Accountability

We deliver traceable, high-quality results, adhering to rigorous standards for security, performance, and transparency.



Optimization

Automation and standardized processes reduce complexity and accelerate delivery, all while ensuring mission resilience and facilitating sustained mission-readiness.

Key Capabilities

- Modernizes legacy networks into a secure and strategic digital edge that accelerates IT infrastructure without interrupting mission-critical operations.
- Identifies strengths, exposes gaps in systems, and targets high-value opportunities for rapid improvement across the enterprise.
- Establishes standardized architectures that connect enterprise IT and high-stakes mission operations, removing silos.
- Implements smarter governance, intelligent automation, and real-time performance monitoring to support command-level decision-making.
- Improves weapon system modernization using cloud-native tools, AI/ML capabilities, and predictive technology for unmatched resilience and adaptability.
- Anchors Armored Zero Trust (AAZT) into every operational layer to address hypersonic and ballistic threats.
- Utilizes secure and cost-effective COTS hardware and software to accelerate deployments without compromising security.
- Enables secure edge operations and ensures continuous, reliable access to critical data for tactical flexibility.

Built for the Future of Defense Modernization

Amentum delivers infrastructures and solutions that power the next-generation digital ecosystems needed for defense modernization. AXIOM provides the adaptable, cyber-resilient, and secure infrastructure that anchors the capabilities of advanced platforms like Missile Defense System—Next, Golden Dome, and beyond.

Contact Us

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