



Weapons as a Sensor Platform

Amentum’s force-on-force training system enhances training, operations, and maintenance through a modern, edge-enabled sensor platform.

Today’s warfighter must lay the groundwork for a complex future while ensuring they are prepared for contested environments with clear overmatch capabilities. Overmatch can only come from optimal training and highly disruptive technologies – and complexity and interoperability issues must never stand in the way of ensuring the best training for our soldiers.

The **WaaSP IoT sensor platform** incorporates edge-based devices directly on targeting systems to ensure data is accurate and secure across training, operations, and maintenance. To best support the end user, the WaaSP architecture enables selective adoption of new technologies when timing and finances allow. WaaSP also supports accurate and realistic training measurements through our core research-based approach to data collection, evaluation, and feedback.

Key features include:

- **Modernized Force-On-Force Technologies:** WaaSP mounts Internet of Things (IoT) sensors directly on weapons and soldiers ('go-to-war' kit)
- **Disconnect/Connect Edge-Compute Methodology:** WaaSP can operate in remote environments extending secure, edge computing capabilities to rugged locations/extremes, and can reconnect to cloud systems when appropriate
- **Design for Modularity and Interoperability:** WaaSP interoperates using modern open standard architecture (MOSA) that demonstrates the integration of legacy systems and provides a gateway for future disruptive technologies
- **Agnostic Network Connectivity:** WaaSP securely integrates with existing network infrastructure or operates on its own using Small Tactical IP Networking Nodes supporting mounted and dismounted operations in highly contested and congested RF areas
- **Training Effectiveness:** WaaSP reinforces 'reps and sets' interlaced with human performance measurement to ensure soldier performance is at its apex



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Amentum’s Role in U.S. Army Modernization

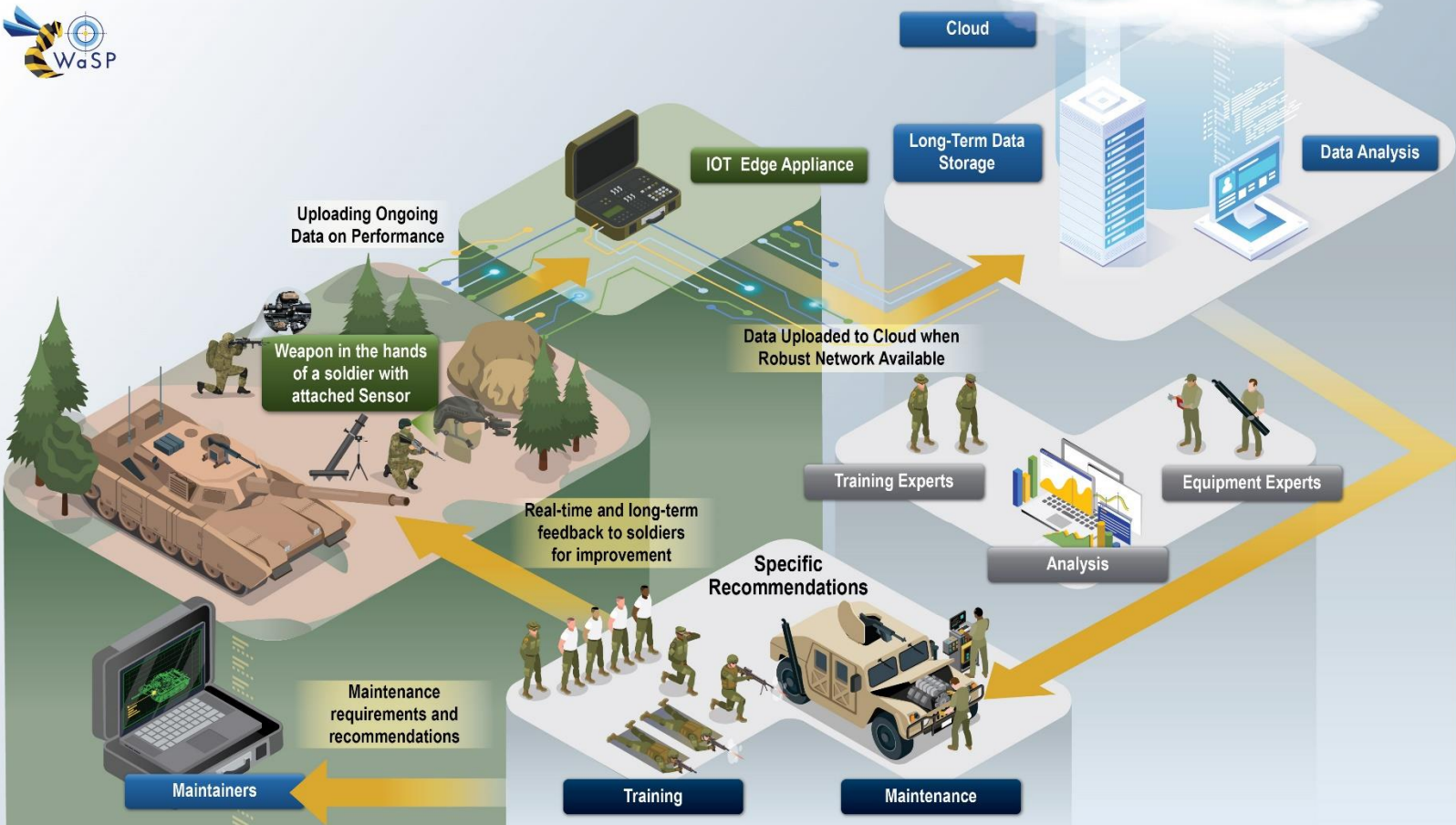


The U.S. Army’s Live Fire Training Systems support the Army’s requirements to prepare adaptive future soldiers for a complex world. For years, Amentum has been the hallmark for how soldiers maintain overmatch – providing a deep understanding of design, testing, developing, and fielding of U.S. Army systems at home and abroad. The resulting value to the Army is a live training solution that advances the future of U.S. Army modernization and lethality which can be delivered at the speed of Army readiness.

WaaSP is fully tailorable to advance multi-branch/service security forces, pararescue and combat controllers, and Tactical Air Control Parties.



WaaSP Components Diagram



Transformational Training

- Modern challenges necessitate providing new options to conduct training to prepare adaptive future soldiers for a complex world
- Methodologies can be integrated that help trainees to learn more effectively, perform more consistently, and prepare the warfighter for contested environments by delivering clear overmatch capabilities
- Superior training systems elevate performance metrics allowing real-time, documented improvements
- Amentum is hard at work to bring transformational solutions to drive improved efficiency, quality, accuracy, and resiliency to customers in areas such as force-on-force training and more



We are innovating modernization by developing an adaptable range of creative technology, maintenance, and training solutions.

With a 116-year history of partnership with the U.S. armed forces, Amentum is committed to soldier and unit readiness and stands ready to support in all domains... land, air, sea, space, and cyberspace.

About Amentum:

Amentum is a premier global technical and engineering services partner supporting critical programs of national significance across defense, security, intelligence, energy, and environment. We draw from a century-old heritage of operational excellence, mission focus, and successful execution underpinned by a strong culture of safety and ethics. Headquartered in Germantown, Md., we employ more than 34,000 people in all 50 states and perform work in 105 foreign countries and territories.

Visit us at www.amentum.com to explore how we deliver excellence for our customers' most vital missions.

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