

Booz Allen

ENGINEERING SOLUTIONS FOR WARFIGHTER PERFORMANCE

ACCELERATING THE WARFIGHTER DECISION CYCLE

Booz Allen's engineering solutions for warfighter performance focus on the critical human element of the tactical unit as a platform and deliver intelligent, configurable technology to transition the warfighter into a mission-adaptable element of the platform—extending the Joint Force's sensor-to-shooter network to include the human warfighter and the tactical unit platform.

CAPABILITIES DRIVE WARFIGHTER OPTIMIZATION AND SPAN THE SYSTEM LIFECYCLE WITH:

- + **DIGITAL ENGINEERING TOOLSETS:** Intuitive, trusted digital twin solutions powered by analytics, artificial intelligence (AI), and machine learning are helping industries from defense to healthcare operate, predict, and plan for real-world impact. Leveraging our expertise including building the Department of Defense's (DOD's) largest-ever digital twin of its kind, we have partnered with Unity to develop human-centered digital twins across critical use cases.
- + **WEARABLE DEVICES:** Provide cybersecure wearable solutions at scale—adapted for military use. Include a range of capabilities from adapting third-party solutions “as-is” to modifying form factors in close collaboration with industry vendors in alignment with DOD mission needs.
- + **COMBAT LINKWEAR:** On-body mission stack built on a standards-based, secure network architecture that performs data ingestion, fusion, and processing for combat operations. Our engineered plug-and-play approach is customizable to the warfighter's role and mission. Without the need for a cloud-based system, our hardware-agnostic solutions deploy across a variety of body-worn wearable form factors and integrate with the TAK ecosystem to inform health, readiness, and injury status.
- + **ENHANCED PERFORMANCE TEXTILES:** Focused on identifying, integrating, and fielding textile technology that will enhance the functionality, durability, and adaptability of the Joint Force. We utilize industry-leading market research tools and processes to conduct deep dives into textile technology sectors and collaborate with industry partners across the supply chain to mature and integrate textile technology solutions at scale.

Booz Allen is committed to delivering solutions to achieve and maintain optimal performance for our military's greatest assets—our warfighters.

About Booz Allen

Trusted to transform missions with the power of tomorrow's technologies, Booz Allen Hamilton advances the nation's most critical civil, defense, and national security priorities. We lead, invest, and invent where it's needed most—at the forefront of complex missions, using innovation to define the future. We combine our in-depth expertise in AI and cybersecurity with leading-edge technology and engineering practices to deliver impactful solutions. Combining 110 years of strategic consulting expertise with the perspectives of diverse talent, we ensure results by integrating technology with an enduring focus on our clients. We're first to the future—moving missions forward to realize our purpose: **Empower People to Change the World®**.

Contact Information

SONYA RAHMANI
rahmani_sonya@bah.com

For additional resources, visit
[BoozAllen.com/Defense](https://www.boozallen.com/Defense)