

MASTER THE MISSION WITH METRICS, DIGITAL MODELS, AND AI-ENHANCED SIMULATIONS

Booz Allen's accelerated readiness solutions drive mission readiness across the joint force with a focus on military training, multidomain mission planning, and contested logistics. Our innovation labs across the U.S. and in the heart of the Indo-Pacific region generate technology solutions that empower commanders and warfighters to master the mission ahead of the fight.

Our accelerated readiness solutions are fueled by innovation in four key capability areas.

- **AI-informed analytics:** to maximize the value of training metrics, captured through all phases of mission preparation.
- **Modeling and simulation tools** to empower readiness in virtual and augmented reality. These include digital twin technologies and spatial computing, plus live, virtual, and constructive (LVC) technologies—enabling commanders to visualize mission routes and terrain, envision the supply chain through digital models, and conduct training in realistic virtual environments.
- **Rapid prototypes** to meet the mission need, developed for client use with the power of best-in-class industry innovation.
- **Human performance optimization** to enhance warfighters' tactical, technical, cognitive, physical, and mental readiness and resiliency through tailored training programs and secure biometric data feedback.





BRIGHTLABS

Work with experts who solve mission problems fast with rapid prototyping, incubating capabilities, testing critical mission use cases, and scaling pilot programs for national defense.



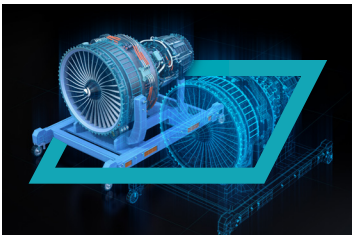
HUMAN PERFORMANCE

Now warfighters can train like elite athletes, with real-time biometric feedback on individual and unit performance for enhanced readiness and resiliency.



SPATIAL COMPUTING

Our teams blend the physical and digital worlds to create next-gen assistance and training applications, visualizations, and novel ways to interact with data and systems.



DIGITAL TWIN SOLUTIONS

Achieve agility and resilience for mission planning, infrastructure, and logistics by reimagining approaches to design, planning, and operations.



XRAE

Capture real-time training metrics off augmented reality, mixed reality, and live platforms with our Extended Reality Analytics Engine. XRAE integrates easily with Unity, Unreal, and other game engines.



MASC

Train as you fight with our Modular Adaptive Synthetic Controller (MASC), a synthetic weapon attachment that enables you to use any operational tool in virtual and augmented reality.



AI AND MISSION ANALYTICS

Take positive custody of data through every phase of the mission. Overlay AI insights for prediction, planning, and force design.

Readiness Accelerated. Tomorrow Anticipated.

Accelerated readiness mission solutions bring together best-in-class technology with operational expertise to advance training and preparation for operations, logistics, and deployment. We develop rapid prototypes in our modeling and simulation facilities, across our BrightLabs innovation engine, and in our Indo-Pacific innovation lab. Our AI venture investments and LVC industry partners bolster our client solution set.

Learn more about Accelerated Readiness at:

BoozAllen.com/XRD

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®.**