Wargaming

Modeling, Simulation, Wargaming, and Analysis

The US government policy community has recently realized that it lacks the right mix of capabilities, including a “whole of government approach,” to address complex irregular warfare (IW) challenges.

Booz Allen can help you be ready for what’s next

To help prepare your organization for what’s next, Booz Allen Hamilton, a leading strategy and technology consulting firm, has been at the forefront of creating innovative wargaming experiments and exercises to test and validate concepts and strategies that examine current and future IW challenges.

Our clients benefit from the power of our functional and wargaming expertise. We have decades of experience in planning and executing scenario-based wargames and experiments for the US government. Our experts have supplied premier wargaming capabilities to clients with results that have fundamentally changed our clients’ operational approaches.

Booz Allen’s wargaming services and approach

Booz Allen handles all of the details of a wargaming event, freeing the client to concentrate on the big picture. We help our clients create the analytic framework for the event, build realistic and challenging scenarios, incorporate new simulations that stress the human dimension of IW operations, provide IW experts for analysis, and write concise after-action reports that outline observations and results from the event. We offer stakeholders and subject matter experts from our vast network spanning the federal government, academia, think tanks, and the private sector to assist with the wargame.
To meet the objectives of the wargame and address the client’s challenges, Booz Allen prepares the right game design, scenario, and simulation and conducts a thorough analysis.

- **Design**—The Booz Allen construct involves exploring identified issues with key stakeholders involved in IW activities, as well as interagency partners.

- **Scenario Development**—Booz Allen develops scenarios to help clients identify and explore trends, drivers, uncertainties, and wildcards shaping the future security environment. We develop a range of conceivable alternative scenarios, determine the implications, and help clients formulate hedging strategies to manage risk and position themselves for potential future opportunities.

- **Simulation**—Our simulations bring together outside experts to play side-by-side with officials to address a potential crisis or other policy challenge. By adopting the objectives of another actor, participants gain greater insight into actors’ underlying motivations and can fully explore the range of potential US actions or responses and their ramifications.

- **Analysis**—Booz Allen’s combination of process and subject matter expertise ensures the wargame analytical products go far beyond mere narratives. Our game reports consist of not only insights from game discussions and moves but also a quantitative and qualitative analysis generated by our suite of modeling and analytic tools.

### Booz Allen experience and expertise

The following are examples of Booz Allen’s partnership with the DoD in helping the agency prepare for what’s next.

- **IW Development Series**—Booz Allen designed and conducted six scenario-based workshops as part of the IW Development Series for US Special Operations Command (USSOCOM) and US Joint Forces Command. The six-part Development Series focused on collaborating across agencies, countering violent extremism, refining the indirect approach, assessing the effectiveness of IW operations, collaborating with sovereign partners, and synchronizing special operations and general purpose forces.

- **Unified Engagement 2006**—Booz Allen provided wargaming and subject matter expertise in support of USSOCOM to the US Air Force Title 10 wargame Unified engagement 2006. Booz Allen helped design the game and develop IW scenarios that addressed special operations and general purpose forces integration requirements and capability gaps to meet the irregular challenges of the “Long War.”

- **IW Joint Operating Concept (JOC) Limited Objective Experiment (LOE)**—Booz Allen supported USSOCOM in conducting the IW JOC LOE. Booz Allen designed a scenario/simulation-based facilitated experimentation exercise to further drive the development of the IW JOC during the LOE by ensuring completeness, thematic consistency, and operational utility of the concept.

- **Desert Crossing 1999**—Booz Allen provided analytical and wargaming capabilities to the Commander of US Central Command’s efforts to execute a classified Desert Crossing conference involving the participation of stakeholders from key US government agencies. Desert Crossing was the underpinning of the J7/JOWPD’s subsequent and ongoing wargaming efforts.

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When I took a decision, or adopted an alternative, it was after studying every relevant factor. Geography, tribal structure, religion, social customs, language, appetites, standards—all were at my fingertips. The enemy I knew like my own side.

—T.E. Lawrence