



About Booz Allen

Booz Allen Hamilton is a leading provider of management and technology consulting services to the US government in defense, intelligence, and civil markets, and to major corporations, institutions, and not-for-profit organizations. Booz Allen is headquartered in McLean, Virginia, employs approximately 25,000 people, and had revenue of \$5.86 billion for the 12 months ended March 31, 2012 (NYSE: BAH)

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Intelligence, Surveillance and Reconnaissance (ISR) Portfolio Valuation

The evolving characteristics of today's operational environment require that an organization continuously review and update its intelligence, surveillance and reconnaissance (ISR) portfolio to ensure it can respond to a wide range of scenarios from irregular warfare to anti-access/area denial (A2/AD). Leaders need the ability to reconcile mission needs and long-range goals with a holistic understanding of ISR system capabilities to make informed planning, programming, budgeting and execution (PPBE) decisions.

Booz Allen Can Help You Be Ready for What's Next

As a leading strategy and technology consulting firm, Booz Allen Hamilton has a long history of helping government leadership assess current and future ISR capabilities. Our ISR Portfolio Valuation decision-support approach assists defense and homeland security agencies in selecting and fielding the right ISR capabilities and achieving the right ISR capacity. As an Analytics Signature Service Offering, Booz Allen's ISR professionals work in partnership with clients to provide mission analysis, operations research, program cost analysis, systems engineering, systems architecture analysis, and capability portfolio management expertise. Our past experience and functional expertise in dealing with today's ISR challenges enable us to help organizations make informed ISR force sizing and program funding decisions to achieve the optimum mix of ISR capabilities over time.

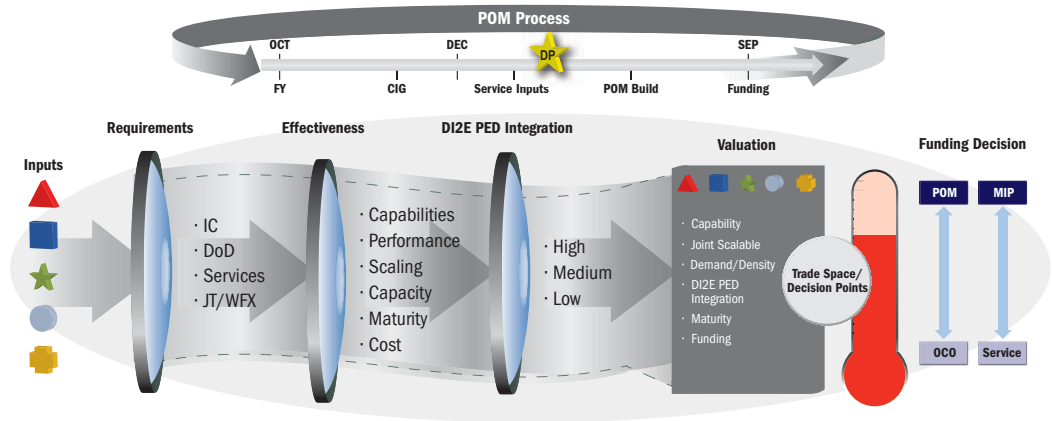
Applying Multiple Perspectives to ISR Force Sizing and Capability Analysis

Our ISR Portfolio Valuation (IPV) decision-support approach brings together all elements of the multidimensional ISR evaluation problem into a single, repeatable, analytic process and tool. IPV links traditional capability portfolio management with operations research methods—including modeling and simulation—to enable a holistic view that ties together mission requirements; long-range strategy; system effectiveness; program maturity; processing, exploitation, and dissemination (PED) integration; and cost. IPV allows ISR program and portfolio managers to see changes in capability maturity and capacity over time. Our IPV decision framework also maps mission requirements to ISR capabilities so that capability gaps and overlaps can be objectively identified, quantified, and traced to the root cause. By offering an objective means to view ISR system trades, IPV helps clients “field the right team” and provide defensible justifications for acquisition decisions.

Ready for what's next. www.boozallen.com

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delivering results that endure

ISR Portfolio Valuation Helps Clients Maximize the Impact of ISR



Our IPV methodology focuses on three primary “lenses” to analyze and optimize an ISR portfolio to provide required capability and capacity:

- Requirements Lens:** Answers the question “*What do I need to do?*” This step captures broad ISR enterprise needs as articulated in ISR strategy documents, the Joint Capability Areas and Service task lists. Inputs to this assessment include specific objectives from validated defense and national security roadmaps and strategic documents. This assessment provides clients with a portrait of ISR program alignment to broad ISR requirements over time. Since it is a time-phased approach, this step also gives clients the ability to project future capability gaps and understand programming decisions based on their specific strategies.
- Effectiveness Lens:** Answers the questions “*How well do I do what I need to do?*” and “*How much do I need?*” This step assesses how well ISR systems perform in a simulated operational environment, while meeting environmental constraints and the user-defined capabilities required for the mission. Mission process threads highlight capability gaps and overlaps. Custom visualizations allow organizations to see how well their ISR portfolios meet the needs of specific tasks during the prosecution of the mission.
- PED Integration Lens:** Answers the question “*Can I easily share the information with the enterprise?*” The input for this portion of the assessment comes from real-world operational experience and exercises, such as Empire Challenge. These inputs are then reflected in a Defense Intelligence Information Enterprise (DI2E) PED Integration dashboard that allows decision makers to see the degree to which their collection systems meet Department of Defense-wide data processing standards and make their data rapidly accessible with warfighters worldwide.

Finally, Booz Allen can assist organizations in leveraging this analysis within a repeatable ISR capability portfolio management process with a well-defined governance structure and a long-range ISR strategy.

Booz Allen’s Experience and Expertise

With our extensive expertise in ISR systems, architectures and capability analysis, Booz Allen has provided analytical support and subject matter expertise to the Battlespace Awareness (BA) Functional Capabilities Board (FCB), where we developed the ISR Next Dollar Sensitivity tool. In addition, our ISR professionals have provided support to Army G2, Joint Staff J2, the Office of the Under Secretary of Defense for Intelligence, the ISR Task Force, and the US Coast Guard.

Whether you’re managing today’s issues or looking beyond the horizon, count on us to help you be ready for what’s next.