

### About Booz Allen

Booz Allen Hamilton has been at the forefront of strategy and technology consulting for nearly a century. Providing a broad range of services in strategy and organization, technology, operations, and analytics, Booz Allen is committed to delivering results that endure.

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## Total Baseline Integration™

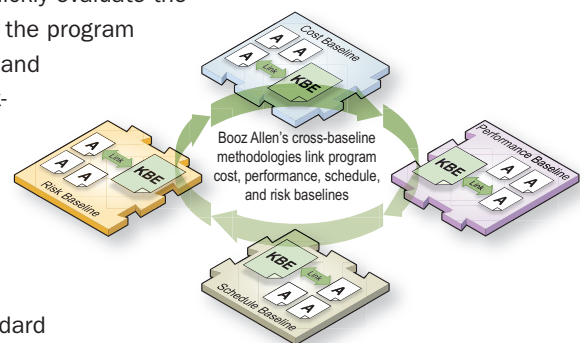
Today's mission capability needs have resulted in increasingly complex program environments. Today's programs are larger, last longer, involve diverse stakeholders, must achieve aggressive technical and performance goals, and comprise system-of-systems environments with intricate interdependencies. Changing user needs, evolving external influences, challenging programmatic constraints, and complex technical capabilities mean that program management and technical leaders need timely information that reflects the impacts of changes across all aspects of the program. Current systems engineering and business management processes may deliver excellent analysis, but they were not developed to provide integrated, actionable information across all aspects of today's complex programs. All too often, program performance, cost, schedule, and risk baselines are still created and managed separately using different approaches, making it difficult to quickly understand tradeoffs across these dimensions.

### Booz Allen Can Help You Be Ready For What's Next

Booz Allen Hamilton, a leading strategy and technology consulting firm, has invested significant resources over the past 3 years in a sustained effort to understand the root causes of program acquisition and development successes and failures. We identified a lack of consistent, coordinated development and management of performance, cost, schedule, and risk baselines as a critical barrier to program success. Consequently, we developed the Total Baseline Integration (TBI) methodology to integrate a program's performance, cost, schedule, and risk baselines.

### Booz Allen's TBI Approach

TBI enables program leadership to quickly evaluate the impacts of changes on any portion of the program across performance, cost, schedule, and risk baselines. We based TBI on existing proprietary methodologies that have been proven to provide tightly synchronized, efficiently managed, and well integrated program execution.

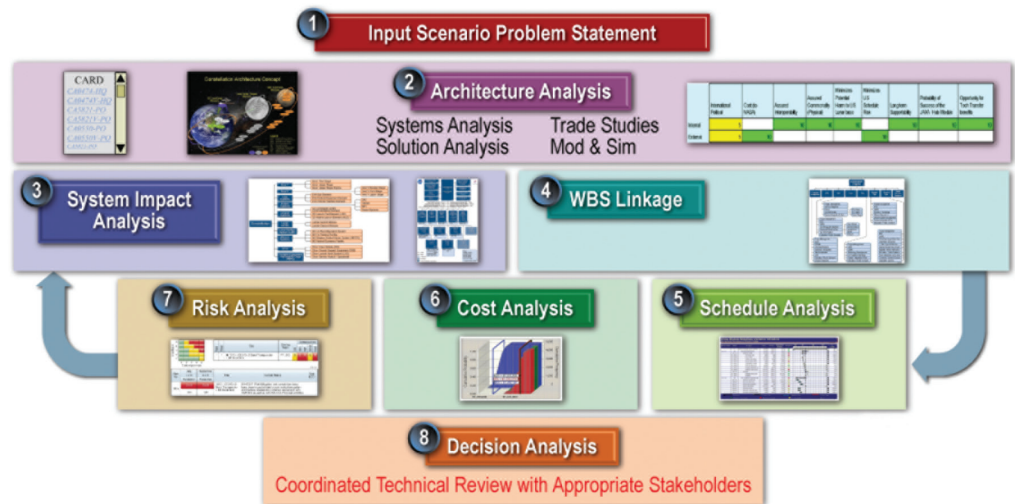


**TBI Process:** A framework of six standard operating procedures (SOP) guides the TBI process and products. These SOPs leverage Booz Allen's deep technical and programmatic expertise to ensure baselines are complete and synchronized. The TBI process integrates baseline descriptive Artifacts (A) into Key Baseline Elements (KBE). We establish relationships across baselines through a TBI index that enables management to rigorously trace impacts of program changes to detailed levels across the baselines.

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delivering results that endure

TBI leverages proven processes. It is the integration of several methodologies and tools that Booz Allen developed independently and applied successfully to multiple space and defense programs. These methodologies and tools include *Risk Integrated with Schedule and Cost—Intelligent Quantification (RISC-IQ™)*, our *Design for Affordability Methodology*, and our *Dynamic Capability Assessment Model*.



**TBI Benefits:** TBI has the following distinct benefits over more traditional technical and programmatic processes:

- **Maturation of the Baselines:** Offers a process of linking the baselines to identify and resolve issues and inconsistencies in baseline maturity and scope
- **Improvement in Analysis Quality and Span Time:** Provides consistent technical, cost, schedule, and risk infrastructure to facilitate analysis of program performance and trades
- **Improvement in Decision Making:** Provides consistent, accurate, and easily available information across performance, cost, schedule, and risk dimensions to ultimately enable more informed decision making

Upfront implementation investments for TBI provide immediate returns by identifying baseline disconnects and deficiencies. TBI implementation ultimately produces substantial long-term returns by improving the accuracy of program decisions, thus increasing the likelihood of program success.

**TBI Implementation:** Booz Allen typically implements TBI by working with a program’s system engineering and program management organizations. We use a combination of specially trained system engineers and program control experts using tailored tools.

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