Today many organizations require fast and efficient access to data to make sound decisions based on analytic rigor and up-to-date information. These requirements force stakeholders to produce, analyze, and report on large amounts of data that is not always readily accessible, searchable, reusable, or actionable. Stakeholders must answer multiple, repetitive data calls, often recreating information from previous efforts to meet the requirements of a new tasking. To ensure that high-value data of record is being accessed, collected, and analyzed, stakeholders should employ a data-centric methodology that standardizes data, can access disparate data sources, and has the ability to structure legacy information.

**Booz Allen Can Help You Be Ready for What’s Next**

Booz Allen Hamilton, a leading strategy and technology consulting firm, has firsthand knowledge of the difficulties of developing, accessing, and analyzing vast amounts of data. We have years of experience using analytical techniques—such as capabilities-based architecture development and analysis, gap/overlap analysis, and interoperability analysis—to make recommendations to program managers based on data. We have provided analytics for the Department of Defense Chief Information Officer (DoD CIO) for several years. Our recommendations are grounded in the analytical rigor necessary to ensure DoD requirements are met, that stakeholders’ decision speed is increased, and that we provide defensible programmatic decisions to optimize clients’ capabilities within fiscal constraints.

**Booz Allen’s Tri-Analytics Service Offerings**

Booz Allen’s Tri-Analytics service offerings provide an efficient money-saving process for standardizing collected data that provides stakeholders with structured, searchable, actionable, and reusable data for analysis.

Tri-Analytics capabilities include the Turbo Tagged Assessment Methodology (TTAM), Federated Data Search, and Text Analytics. TTAM uses client-created templates and forms to ensure standardized and structured data is collected using applicable policies and instructions as guidance. Federated Data Search transforms and standardizes information from multiple sources to ensure the data is searchable, discoverable, and reusable. Text Analytics is a leading-edge capability that can identify and extract high-value information from unstructured text and convert it to a structured format, thereby making it available for further analysis. The data collected and standardized by Tri-Analytics can be reused and pushed to external stakeholders for follow-on analytics requirements.

Solving key issues and reducing costs, users are able to realize the following benefits through use of the Tri-Analytics capability:

- **Standardized data collection.** We standardize the collection of data by asking a series of questions in a structured but customizable template. Users’ responses to these questions will determine what follow-on content is required, ensuring that data is in the proper context and taxonomy required for the reviewer’s needs.
- **Web-based capability/automated data capture processes.** We use Web services and other structured online data queries to import information from authoritative data sources to increase data accuracy. Web services can make available this tagged information to dashboards and other analytical tools requiring the data.

- **Federated Data Access.** Booz Allen’s Federated Data Access capability consolidates multiple disparate data sources by indexing pertinent data from each source. The data elements are mapped to a common data structure enabling queries across all sources from one point of access using standard database connections. Data can be queried and updated in each source without special access, without moving data, and without changes to the source environment.

- **Text Analytics.** We use the leading-edge capability of Text Analytics to identify and extract high-value information from unstructured text and convert it to a structured format, making it available for further analysis and trending using a broad set of tools.

- **Improved analytic capability.** Booz Allen’s ability to conduct analysis on this captured data through scripted outputs, real-time queries, exporting to dashboards, and visualizations ensures organizations can truly realize the value of acquisition data collected in a standardized manner.

**Client Success Stories**

Booz Allen used TTAM to create the Enhanced Information Support Plan (EISP) tool for the DoD CIO. More than 85 DoD program offices have used EISP to create and submit Information Support Plans (ISPs) that enable more accurate and efficient analysis. Because of the data-centric nature of TTAM, these ISPs are easier to maintain, revise, update, and analyze than documents produced manually. The EISP Enterprise Service Version has been developed as a web application that allows data to be shared across DoD sources.

In addition, Booz Allen has utilized Text Analytics to harvest thousands of crime log entries from a government Web site and applied business rules inspired by criminal investigative analysts. We used Text Analytics and natural language processing to identify the types and locations of crimes that have been committed. Then, based on disparate crime logs, the application automatically identifies repeat offenders based on several characteristics thereby enabling law enforcement to strategically deploy resources.

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