

Transportation Operations

Transportation and infrastructure providers are challenged to build competitive, safe, secure, and efficient systems and services that deliver value—yet support profitability and investments in growth. New practices, policies, and technologies provide opportunities for lowering operational costs and improving service. However, navigating through the various options can be an overwhelming challenge.

Booz Allen—Improving Operations and Performance

Booz Allen Hamilton is a leading strategy and technology consulting firm. Our expertise in operations is the result of many years of experience working for public operators and government regulators. Client engagements range from asset acquisition and support to operations diagnostic to corporate or business unit strategy, along with post-merger integration, benchmarking, implementation support, and continuous improvement plans. We apply lessons learned across industries, sectors, and modes to achieve and sustain performance improvement and operational excellence. Our transportation professionals bring an explicit analytical understanding of strategic, tactical, and operational decisions and their impact on performance.

Our Services

Our transportation operations consulting services include:

- **Operations strategy:** Helping clients identify and focus on opportunities for improving their organizations or enterprises
- **Supply chain management:** Shaping new solutions through material requirements planning, logistics planning, inventory optimization, just-in-time delivery, and globalization
- **Sourcing and procurement:** Applying best practices in contracting frameworks
- **Operations planning and innovation:** Helping clients manage complexity by using technologies and process improvements
- **Asset optimization:** Examining utilization of critical assets and optimization through improved maintenance and enhanced network design
- **Transportation safety:** Reducing risk and enhancing safety while preserving operational efficiency
- **Transportation security:** Assessing transportation infrastructure vulnerabilities and options for protecting it—including strategies developed by Booz Allen for national security agencies and the military

Transportation Operations

Representative Public/Government Client Assignments

U.S. Federal Highway Administration

- Operational Improvement Assessment of Highway Management Systems
- Emergency Transportation Operations Preparedness and Response Workshops
- Intermodal Freight Technology Working Group

U.S. Federal Aviation Administration

- Independent Assessment of Airport Security Screening Performance
- Organizational Analysis and Strategic Planning
- Air Traffic Organization Restructuring Support

U.S. Federal Transit Administration

- Threat and Vulnerability Assessments of the 35 Largest U.S. Transit Agencies

- Transit Capital Needs and Conditions Assessment
- Bus Rapid Transit Project Evaluations

Maryland Transit Administration

- Fire Hazard Analysis for Commuter Railcars
- Analysis of Bus Wheel Failures

Amtrak

- Maintenance Facility Planning
- National Market-Based Network Analysis
- Workforce Management Process Analysis and System Design

Metropolitan Transit Authority of Harris County (Texas)

- Performance Audit and Management Review

About Booz Allen

Booz Allen Hamilton has been at the forefront of strategy and technology consulting for more than 90 years. Providing a broad range of services in strategy, operations, organization and change, information technology, systems engineering, and program management, Booz Allen is committed to delivering results that endure.

For more information contact

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