

Information Technology for Transportation

Information technology (IT) offers the transportation industry strategic tools to enhance efficiency, reduce costs, increase responsiveness, improve decision making, and achieve many other benefits. Investments in IT staff, processes, and tools can be critical to maintaining and increasing a company's or organization's competitive position in a demanding marketplace. Emerging IT technologies are proving effective in streamlining business operations, opening new revenue channels, improving system performance and asset management, and delivering new services. Smart cards, e-business portals, and intelligent transportation systems (ITS) are just a few of the innovations that IT is bringing to transportation.

The challenge is to leverage these innovations while continuing to address ongoing operational needs, security concerns, service problems, and budget pressures.

Booz Allen—IT Expertise From Data to Enterprise

Booz Allen Hamilton, a leading strategy and technology consulting firm, offers IT services to public transportation clients. The Washington Metropolitan Area Transit Authority selected Booz Allen as its partner for the Information Technology ReNEWal Program—the largest business and system transformation program in the transit industry. The U.S. National Aeronautics and Space Administration, the U.S. Postal Service, and more than 100 other transportation clients have

also chosen Booz Allen as their strategy and technology partner. Our approach brings together transportation specialists, technology architects, and client staff to develop technology strategy and implement focused solutions.

Our Services

Our IT strategy services include:

- Strategic and business planning
- Assessments and requirements development
- System architecture design
- Operations analysis and best practices
- Commercial software selection
- Implementation planning, management, and execution
- Security and information assurance
- Our technology services include:
 - System engineering, design, and integration
 - Financial, human resources, supply chain, and maintenance management solutions
 - Network, security, and infrastructure solutions
 - Farecard and smart card solutions
 - Asset management solutions
 - Intelligent transportation systems
 - Control and communication systems

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Representative Public/Government Client Assignments

Washington Metropolitan Area Transit Authority

- Information Technology Renewal Program Systems Integrator
- Infrastructure Design, Development, and Operations
- SmarTrip Regional Customer Service Center

Denver Regional Transportation District

- Enterprise Systems Assessment
- Strategic Plan Development

New Jersey Transit Corporation

- Human Resources Management Systems Requirements Analysis

New York Metropolitan Transportation Authority

- Integrated Financial and Human Resource Systems Implementation

Northeastern Illinois Regional Transportation Authority

- Universal Fare Card Evaluation and Implementation

Pace Suburban Bus

- Enterprise System Renewal Analysis and Planning
- Transit Operations Decision Support System Design

Maine Department of Transportation

- Human Resource System Implementation

San Mateo County Transportation Authority (California)

- Financial System Implementation

San Francisco Metropolitan Transportation Commission

- Financial Management and Grants System Design and Implementation
- TransLink Fare Collection System Program Management

Amtrak

- Engineering Manpower Management System Analysis

Metropolitan Atlanta Regional Transportation Authority

- Enterprise System Data Requirements Analysis
- Enterprise Data Warehouse Implementation

U.S. Federal Highway Administration

- Vehicle Infrastructure Integration

U.S. Federal Motor Carrier Safety Administration

- Wireless Commercial Vehicle Inspection Concepts

U.S. Federal Transit Administration

- National ITS Oversight

Los Angeles County Metropolitan Transportation Authority

- Universal Fare System Program Management
- Advanced Public Transit System Support

Metropolitan Transit Development Board/North County Transit District

- Regional Smart Card System Program Management

Port Authority of New York and New Jersey

- Regional Electronic Payment Systems Implementation

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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