

# INFORMATION SOLUTIONS

Our Information Technology (IT) capability delivers mission-focused solutions to meet our client's business and field operations requirements. We are adept in integrating unique systems and providing decision-based, secure solutions to improve operational performance.

## TECHNOLOGY ALIGNMENT TO ACCOMPLISH MISSION

- Bringing Information to the Edge Where Work is Performed
- Legacy System Modernization
- Automated Identification Technology
- Business System Alignment and Optimization
- Disaster Recovery and Business Continuity
- Internet of Things Supporting Field Operation

## DECISION-BASED INFORMATION SYSTEMS

- Development of Business Intelligence Dashboards
- Integration of disparate systems
- DOE approved NQA-1 Software Quality Assurance Program
- Analytics and Reporting
- Data Visualization
- DoD 5015.2-Certified Records Management

## ENTERPRISE BUSINESS SOLUTIONS

- Cloud Readiness and Migration
- Enterprise Risk Management
- Cyber Security Architecture
- Enterprise Governance
- Systems Engineering and Design
- Software as a Service (SaaS)
- Data Warehousing Design and Implementation



### Boston Government Services, LLC

BGS specializes in providing operational Information Solutions for government programs and facilities. BGS delivers transformational business strategies, information systems, solutions, and tools that are proven to be efficient, robust, and secure. Our solutions apply across all environments and information types. They cross-cut management systems to maximize value.

### Mission Aligned Technology

Our mission is to align technology and infrastructure to effectively integrate our client's key service areas. Our enterprise level information systems solutions, as well as our industrial control systems solutions provide a foundation to support our clients' missions.

## Experience Highlights

### NQA-1 Safety Software Design and Development

BGS provides an NQA-1 qualified development environment supporting the design, development, and maintenance of safety software for the U.S. Department of Energy (DOE) Office of Environmental Management (EM).

### Information at the Edge

BGS subject matter experts support the design, development, analysis, implementation, and evaluation of mobile and RFID technologies, providing insight into transportation and logistics of hazardous and radioactive material.

### Decision-Based Information Systems

BGS subject matter experts aggregate and transform data, enabling productivity through interfaces that provide ease-of-access to information for expedited analysis and reporting for informed decision making.

### Enterprise Solutions and Business Alignment

BGS supports IT modernization and business alignment efforts, improved compliance, and system/process improvements, resulting in significant cost reduction and improved utilization of technology to support mission objectives.



ENGINEERING | TECHNOLOGY | SECURITY

# EXPERIENCE AND SOLUTIONS

## THE BGS DIFFERENCE

BGS invests in the best technical talent who have a deep understanding of the client's mission to craft solutions that transform critical IT programs into more robust, responsive, user-friendly, secure, and agile systems for present and future requirements. BGS program leaders adhere to a disciplined program management methodology by understanding the client's business goals and risks, clearly articulating the project's value, mobilizing the resources, and managing work processes to deliver innovative solutions to meet expectations predictably. Our highly skilled professionals are experienced in navigating across information protection zones while ensuring information confidentiality, integrity, and availability at the appropriate level, regardless of classification requirements. Our specialty support areas include:

- Government Facilities
- Specialized Government Programs
- Restricted Secure Facilities
- Nuclear Facilities
- National Laboratories
- Transportation
- Environmental Management

## CASE STUDY

### Technology Alignment – Legacy Transformation and Cloud Hosting

BGS specializes in technology alignment that transforms mission critical systems and processes using business intelligence. We create solutions that enhance performance and are adaptable to evolving requirements.

**The challenge:** Annually, DOE makes over 8,000 shipments of materials including isotopes, radioactive/hazardous waste, and other items by truck, air, and rail around the United States costing tens of millions of dollars. DOE EM had developed several systems and tools supporting shipment activities and processes. The systems were in various locations across the complex, not easily accessible, costly to maintain, and not providing enterprise-level information for managers.

**The solution:** Working in partnership with DOE EM, BGS has successfully updated and consolidated the legacy tools and systems into an enhanced virtualized cloud platform known as ATLAS (Automated Transportation Logistics and Analysis System), an enterprise solution.

#### The results:

- A centralized DOE-owned, secure cloud-based system.
- The system allows DOE site contractors to price, coordinate, manifest, ship, and approve payments for shipments. Real-time access provides shippers with ready access to DOE negotiated reduced shipping rates that typically result in a more than 50% reduction in the cost of truckload shipments and more than 70% reduction in the cost of parcels.
- DOE managers are gaining detailed and complex-wide information to support management decisions, while realizing substantial cost savings.

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