

OPERATIONAL CYBER SECURITY

We provide expert Cyber Security resources to assess the needs of our customers and deliver fully-compliant Cyber Security programs in highly-regulated and complex environments.

SECURING INFORMATION & ENVIRONMENTS

- Securing all classification levels and categories
- Securing across environments
- Applying a Defense-in-Depth methodology
- Industrial Control Systems Security (ICS/SCADA)
- Security in the Cloud
- Enterprise/Business Systems Security
- Classified Computing Security

FULLY COMPLIANT CYBER PROGRAM

- Policies, Procedures, and Plan Development and Maintenance
- Scanning, Testing, and Evaluating
- Vulnerability, Threat, and Risk Assessments with Remediation
- Intrusion Detection, Incident Response & Reporting
- Continuity Planning and Mission Impact Assessments
- Certification & Accreditation Packages for ATOs
- Continuous Monitoring Program

AWARENESS TRAINING

- Cyber Security Awareness
- Customized Training Development and Content Delivery
- Insider Threat Programs
- Phishing Exercises
- Best Practice Sessions

Boston Government Services, LLC

BGS delivers cyber security programs for enterprise/business systems, applications, Industrial Control Systems (ICS/SCADA), Internet of Things (IoT) devices, and cloud environments. We support the Certification & Accreditation process and manage authorization boundaries to ensure compliance. We provide customizable program templates and skilled professionals with Top Secret clearances.

We Secure all Types of Systems and all Classifications of Data with Defense-in-Depth Methodologies

We understand that connectivity in all types of environments may be required to support the mission and we know how to ensure that connectivity occurs in a secure and compliant manner.

EXPERIENCE AND SOLUTIONS

THE BGS DIFFERENCE

BGS assesses, designs, and supports cyber security programs for all types of environments. We utilize proven methodologies to achieve a Defense-in-Depth architecture with Security by Design. Our highly skilled professionals are well-versed at 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
- Utilities
- National Laboratories
- Scientific Facilities

IMPORTANCE OF AN OPERATIONAL CYBER SECURITY-FOCUSED ORGANIZATION

BGS specializes in operational cyber security. Most enterprise cyber security organizations are focused solely on the standard business systems. BGS understands that critical infrastructure must be an area of focus. Our nuclear security and engineering background and expertise and understanding of operational security needs sets us apart.

ICS Challenges: ICS security has become more challenging with targeted attacks against devices once believed to have "Security through Obscurity." Our ICS cyber specialists enable ICS mission needs for customers with a proven Defense-in-Depth approach to isolate critical assets appropriately and secure core components, while enabling secure connectivity to address mission requirements. We ensure that ICS systems are monitored without impacting the operational integrity or availability of the system.

IoT Challenges: A rapid influx of IoT devices absent of basic security design principles have altered the cyber threat landscape and increased organizational risks. Devices of all kinds have become internet-enabled to connect people and functions to devices. This newly interconnected world has been created with low cost methodologies rather than security-minded principles, resulting in organizations deploying devices with no security features. BGS assesses IoT security, addresses vulnerabilities, and monitors the environment to ensure the mission is not impacted.

Experience Highlights

- Providing the full scope of cyber security support services for General Support Systems, Industrial Control Systems, and operational technology for the Department of Energy's DUF6 project across three sites in Kentucky and Ohio. Tasks include:
 - C&A package creation and maintenance
 - Risk assessments
 - Privacy program compliance
 - Mission impact assessments
 - Contingency planning
 - Incident response
 - System security plans
 - Device characterization
 - Controls selections
 - Plan of actions and milestones
 - Security assessment reports
 - Implementation and maintenance of cyber security tools
 - Cyber awareness training
 - Continuous monitoring support
- Creation of compliant certification and accreditation packages for the DOE Office of Environmental Management Los Alamos Legacy Cleanup Contractor, N3B, for telemetry, portable devices, and enterprise and cloud-based systems.
- Performed NIST 800-171 assessments for commercial organizations providing support to the U.S. government and military to ensure compliance.



ENGINEERING | TECHNOLOGY | SECURITY

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