Cloud hub at IBM Allegany Ballistics Laboratory Solution Center

Highlights

- IBM managed Data Center located within secured DoD campus to meet demanding requirements of the US Government and commercial clients seeking high security environment supporting HIPAA, ITAR and other regulatory restrictions
- Secured NISPOM approved Data Center and Network/Security Operations Cesnter to host and manage classified and unclassified systems
- US citizen staff with agency required security clearances
- Adheres to industry and government standards-based processes (for example, FIPS, NIST, ITIL, HSPD-12, PIV-2)
- Monitoring and analysis of events generated by the systems logs and monitoring toolsets
- Monthly subscription based consumption model
- Intrusion detection, antivirus protection, vulnerability scanning, and security logging all included

The Allegany Ballistic Laboratory (ABL) solution center serves clients across the full range of IBM Global Services - Global Business Services sectors, including US Federal, US commercial, US healthcare and US state and local clients. The ABL Solution Center provides private cloud solutions, and a full complement of management services for clients, including those with rigorous security or regulatory requirements.

Located in West Virginia, the ABL solution center offers secure facilities within a Navy-owned 1600 acre reservation providing Federal, Department of Defense (DoD) and commercial clients an alternative for classified and unclassified system processing. The solution center meets National Industrial Security Program Operating Manual (NISPOM), National Institute of Standards and Technology (NIST), Health Insurance Portability and Accountability Act (HIPAA), International Traffic in Arms Regulations (ITAR) and other regulatory requirements. IBM provides a full complement of management services specifically tailored for agencies with rigorous security standards.

The ABL solution center is the location of choice for commercial and government private cloud customers.

Facility overview

The IBM ABL solution center sites offer hosting services for customers requiring security capabilities from unclassified up to and including Top Secret (TS)/Sensitive Compartmented Information (SCI). The solution center is housed in a Naval Sea Systems Command (NAVSEA)-owned Naval Industrial Reserve Ordnance Plant (NIROP) facility, managed by IBM. This public/private partnership offers the security of long term operations on a DoD site with managed services provided at commercial rates. The site is protected with multiple layers of security such as 24x7 armed guards, remotely controlled cameras, and a wide variety of DoD approved access controls.

The site is conveniently accessible outside of the government-mandated Disaster Recovery and Continuity of Operations arc of 100 miles from Washington DC. The site is supported with highly redundant power, cooling and communications services such as:

- Dual electrical pathways, including redundant UPS, PDU and overhead bus bar systems
- Diesel 2.25 megawatt generator
- N+1 chiller farm with generator backup

- State of the art "in-row" cooling system, providing wide flexibility for cooling placement to address high heat load points; can reduce energy consumption up to 40%
- Multiple fiber telecommunication vendors for redundant Internet and DoD communication services

Solution center services

Core enterprise services include:

- Dedicated managed private cloud
- Dedicated application hosting solutions
- Data center services
- Network operations center services
- Security operations center services
- US citizen support requirements
- Certification and accreditation (C&A) Services
- NIST
- NISPOM
- HIPAA
- ITAR
- DCID 6/3
- Classified systems and networks
- SCIF
- Virtual engineering center
- Watson Lab
- Network and Security Operations Center (NOC/SOC)
- Systems administration
- Storage, backup and recovery
- Disaster recovery and Continuity of Operations (COOP)
- Service desk (ITIL® v3)
- Federal Information Security Management Act (FISMA)/ DoD Information Assurance Certification and Accreditation Process (DIACAP) support
- Other unique regulatory or security clearance requirements

Our clients trust IBM to secure their systems. IBM's framework for security is based on defense in depth approach. It starts with multi-layered physical isolation security controls and logical security controls including:

- Vulnerability assessments
- Firewall and network intrusion prevention
- Continuous system and security monitoring
- Anti-virus and anti-malware protection

Why IBM

- IBM is a leading provider of IT managed services and has 100 years of experience delivering enterprise-class, innovative, reliable and secure mission critical solutions
- IBM delivers our solutions through a combination of industry leading hardware, software, service capabilities of IBM's solution center, and adherence to industry and government standards-based processes (for example, FIPS, ITIL, HSPD-12, PIV-2) resulting in compliant and reliable performance outcomes.
- IBM's solution center is designed and built to meet security standards so our client's solutions inherit our NIST 800 series-compliant physical and environmental (PE) controls, speeding the FISMA/DIACAP C&A process leading to quicker authority to operate (ATO)

For more information

Please contact your IBM Managed Services representative or visit: **ibm.com/**federal

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IBM Global Services
Route 100, Somers, NY 10589

Produced in the United States of America
August 2013

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GBS03214-USEN-00