GOVmotus™ Security, Reliability and Availability Overview

IBTS' GOVmotus is provided as Software as a Service (SaaS) to customers. Its security, reliability and availability assured through the system's infrastructure, software security tools and protocols and managed services. GOVmotus is hosted in a state-of-the-art, commercial data center. The Raging Wire data center provides the following:

- Located in Ashburn, VA
    - Patented 2N+2™ redundancy -- twice the redundancy of a standard Tier 3 data center
    - Network access to over 200 carriers and direct access to top cloud providers
    - Fiber connectivity to Northern Virginia data centers
    - 9 layers of security; 3 factor authentication; 24x7 in-house security
    - 290,00 square feet
- Dual redundant network connections to IBTS
- Active patching and backups by IBTS with failover to second location servers
- Firewalls professionally monitored and managed by third party
- The hosted provider meets all FIPS 200 and NIST 800-53 security requirements at the physical data center
- GOVmotus runs on the latest Dell EMC Hyper-converged environment
    - All flash storage
    - Runs in a fully virtualized environment (VMware)
    - Redundant state-of-the-art managed firewalls and switches
    - Rapid Recovery – real time Monitoring, Backup and Restore
    - Backups stored at off-site location
- All remote access is driven by Internet Protocol Security (IPsec) encrypted Virtual Private Network (VPN) tunnels. The site monitors, logs, and analyzes hardware and systems health, availability, and failures using centralized logging mechanisms.
- Data is encrypted en-route and authentication secures the data and application

The GOVmotus application further secures data by the following:

- Controls access with user ids and industry standard password rules
- Content is stored and retained in system database regardless of subsequent action
- Activity logs provide an audit trail of all user changes
- The application meets the PII relevant portions of the NIST-53
- System availability is inherent in the deployed architecture and the Disaster Recovery failover of the system was tested and reported during configuration