

# IT Security Remediation Brief

PRESENTED BY  
THE FEDERAL RETIREMENT THRIFT  
INVESTMENT BOARD

May 31, 2017



**FEDERAL RETIREMENT THRIFT INVESTMENT BOARD**  
77 K Street, NE · Washington, DC · 20002  
1-877-968-3778 · [tsp.gov](http://tsp.gov)

[tsp4gov@](mailto:tsp4gov@)



# Status of Major IT Initiatives

IT Initiatives	Actions Over the Next Six Months	Impact
Modernize IT Infrastructure	<ul style="list-style-type: none"> <li>• <b>Hardware purchased and installed for network equipment, storage, and servers</b></li> <li>• Establishing standard operating procedures to improve management accountability</li> <li>• Design new hardware configuration ahead of the installation and migration at the two data center</li> <li>• Complete installation at both Data Centers by establishing network connections and configuring the necessary hardware and storage</li> <li>• Conduct application testing to ensure effective replication and migration between sites</li> <li>• Complete Operational Readiness Review (ORR) ahead of the full migration to new hardware</li> </ul>	<ul style="list-style-type: none"> <li>• Improves Infrastructure reliability</li> <li>• Improves security</li> <li>• Increases capacity to support Blended</li> </ul>
IT Security Audit Remediation	<ul style="list-style-type: none"> <li>• <b>Purchased Network Hardware</b></li> <li>• <b>Installed hardware to back-up the data centers</b></li> <li>• Upgrading targeted Infrastructure components (i.e., hardware and software)</li> <li>• Documenting policies and procedures</li> <li>• Test Application</li> <li>• Install network hardware in primary data center</li> <li>• Tie Primary and Secondary Data centers</li> </ul>	<ul style="list-style-type: none"> <li>• Strengthens security posture</li> <li>• Closes audit findings</li> <li>• Improves IT Governance</li> </ul>
Increase Call Volume Capacity	<ul style="list-style-type: none"> <li>• <b>Increased call capacity at Frostburg</b></li> <li>• <b>Clintwood network hardware equipment refreshed</b></li> <li>• Implementing hardware, software, and network equipment needed for the call centers</li> <li>• Increasing call capacity at Clintwood</li> <li>• Re-route calls through the Data centers</li> </ul>	<ul style="list-style-type: none"> <li>• Increases call volume capacity to support current and future users (needed for Blended)</li> </ul>



# Status of Major IT Initiatives

IT Initiatives	Actions Over the Next Six Months	Impact
IT Data Analytics - Logging and Security Monitoring Enhancement (Splunk)	<p>Enhancing hardware to improve search, monitoring, security, analysis, archival, and visualization of data</p> <ul style="list-style-type: none"> <li>• <b>Hardware installed and Splunk Move to new hardware</b></li> <li>• Creating STC A&amp;A Documentation</li> <li>• Configuration changes</li> <li>• Complete SOC Training, Testing as part of the Splunk A&amp;A</li> <li>• Reach Full Operational Capability (FOC) as part of the Splunk A&amp;A</li> <li>• Update all Standard Operating Procedures (SOPs)</li> <li>• Complete Operational Readiness Review ahead of project closeout</li> </ul>	<ul style="list-style-type: none"> <li>• Enhances visibility of security</li> <li>• Closes audit findings</li> <li>• Supports agency requirements for log retention compliance</li> </ul>
Two-Factor Authentication	<p>Bringing two call centers and three processing centers under TESS management</p> <ul style="list-style-type: none"> <li>• Completed Implementation (~585) for FRTIB federal staff and TESS contract staff</li> <li>• <b>Started PIV Card issuance at call centers</b></li> <li>• Finish PIV card issuance at Call Centers</li> <li>• Finish PIV card issuance at Processing Centers</li> <li>• Route Call Center traffic through data center</li> <li>• Route Processing Center traffic through data center</li> </ul>	<ul style="list-style-type: none"> <li>• Strengthens access control for FRTIB applications and data</li> </ul>