



# SECURITY CONFIGURATION COMPLIANCE ASSESSMENT

For organizations that produce software to support Federal Government agencies, new guidance from the Office of Management and Budget impacts all contracts for software products and software-related services. The new policy requires all agencies to harden their systems using National Institutes of Standard and Technology (NIST) secure baseline standards.

Companies may find that their software products do not install or operate within the new mandated security baseline configurations. The most well known is called the Federal Desktop Core Configuration (FDCC). Additionally, companies that provide web-based, hosted applications to the Federal government must ensure it can be accessed from workstations configured to these new hardened standards. Companies must certify that their software products comply with these standards and policies.

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## SERVICES

**Compliance Requirement Analysis** service identifies the regulations with security ramifications that apply to your business based on your organization's industry and the customers to which you sell your product or provide an on-demand solution. If your business hosts applications, we can examine the data contained in your database to ascertain the existence of sensitive information. At the conclusion of this analysis, we provide a report that lists the regulations and associated security requirements that apply to your business as well as any sensitive data identified in your hosted application.

**Security Configuration Compliance Assessment** service uses NIST-validated tools to assess your application for compliance with NIST configuration standards and OMB policy. This assessment identifies areas where software violates security standards and policies and provides information to aid your development team to make the necessary modifications.

The testing and assessment is performed at your facility using your existing equipment. SecureIT configures this equipment to meet NIST security configuration standards. The installation is tested to ensure compliance. Using this validated configuration the following tests are performed:

- **Installation Testing:** The subject application software and utilities are installed on the secure configuration. Any issues identified during the installation are recorded.
- **Functional Testing:** Our approach leverages the knowledge and experience of your development/testing team to perform functional testing of your application on the hardened platform. SecureIT maintains administrative control during this testing period. Your team records any problems or unexpected occurrences identified during functional testing.

- **Test Result Analysis:** The results from installation and functional testing are combined and reviewed. The areas which must be corrected to achieve minimum compliance with the standard are identified to enable you to prioritize remediation efforts.
- **Remediation / Retest:** If there were installation or functional errors, your organization can plan and implement software changes. When completed, a follow-up test can be performed to validate installation and operational compliance.
- **Certification:** A security certificate is provided where SecureIT attests to installation and configuration compliance and your organization attests to functional compliance. A test report from a NIST-approved testing tool is also provided. If there are any remaining deviations, they are identified and referenced in the certificate. That enables your organization to provide any supplemental information that may mitigate the non-compliance.

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## CUSTOMER REQUIREMENTS

- Equipment and software necessary to install and test your application at your facility which typically includes the application server, database server and user desktop workstation
- Installation media for your software and supporting applications
- Approval to install our testing software on your system and/or connection of our laptop to your network

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## DELIVERABLES

- Compliance Requirements Analysis Report
- Sensitive Data Report (Optional)
- Security Configuration Compliance Report
- Security Configuration Compliance Certificate

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## BENEFITS AND VALUE

- Understand where your application violates security configuration best practices
- Ensure your web-based application can be accessed and used by users on FDCC workstations
- Obtain a certificate which you can provide to prospective customers to demonstrate compliance with NIST security configuration baseline standards

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## CONTACT

SECURE|IT

Phone: 703.464.7010  
Email: [info@SecureIT.com](mailto:info@SecureIT.com)  
Web: [www.SecureIT.com](http://www.SecureIT.com)