

**IBM Internet Security Systems Federal
Information Security Management Act
Compliance Solution**



Protecting the government's information infrastructure is a critical factor in the federal government's IT performance, impacting operational continuity, cost management and homeland security. As a result, the Federal Information Security Management Act (FISMA) was passed to codify a comprehensive framework to more fully ensure security is maintained at the highest standards across all government agencies.

FISMA compliance requires federal agencies to develop, implement and manage a risk-based, agency-wide information security program to ensure the ongoing protection of information and critical systems. The criticality and complexity of information security and regulatory compliance introduces new challenges for federal agencies including renewed accountability, stringent policy adherence, detailed reporting, performance measurement and ongoing security assessment and improvement.

Achieve FISMA compliance with help from IBM Internet Security Systems

IBM Internet Security Systems™ (ISS) FISMA compliance solution helps agencies evaluate, protect, manage and improve compliance through a comprehensive three-step approach that includes assessment, remediation and auditing. The solution delivers a complete FISMA-compliant environment and improves an agency's ongoing security position.

Assessment phase

This phase begins with a comprehensive evaluation of an agency's security posture against industry-proven best practices to determine key areas for improvement. The IBM ISS team of security experts reviews every element of the agency's compliance framework – including security policies and procedures, configuration management, remediation plans and training, and awareness – while more broadly assessing the agency's ability to achieve and maintain compliance over time. The assessment is a four-to-six-week engagement tailored to the agency's unique needs and designed to accurately deliver the insights required to thoroughly address agency-specific weaknesses related to FISMA reporting. The result of this comprehensive assessment is a detailed

report of the agency's compliance performance and a prioritized roadmap for implementing security program- and compliance-reporting improvements.

Remediation phase

Based on recommendations from the assessment phase, IBM ISS security experts work to implement the appropriate solutions to advance the the agency's roadmap toward full FISMA compliance. IBM ISS provides a wide range of solutions to help improve an agency's security compliance, including enterprise-wide software products, compliance reporting support, managed security services and professional services for developing security programs, certification and accreditation (C&A) and remediation plans, training and awareness programs, and vulnerability risk assessments and contingency plans.

Audit phase

As a final step, IBM ISS reviews the corrective actions implemented against the assessment findings and roadmap recommendations to measure security and compliance improvement. The audit phase confirms that remediation steps were completed successfully. It can be performed on a periodic basis to monitor ongoing risk and to help enable continuous security program improvement.

IBM ISS FISMA Solution



IBM ISS: the trusted security provider to federal agencies

Agencies can rely on IBM ISS to help them achieve FISMA compliance and improve information security. The IBM ISS FISMA Compliance Solution is based on an integrated end-to-end

process that encompasses all aspects of security planning, management and compliance reporting across the entire agency. The IBM ISS approach leverages security best practices, regulatory compliance knowledge and functional expertise – all combined with

the IBM ISS suite of enterprise security offerings. The total solution helps clients reduce risk, decrease the cost of protecting IT assets and lessen the complexity of regulatory compliance.

ASSESSMENT	FISMA functional areas	Policy & controls	Compliance assessment (ongoing)	Security procedures & tools	Corrective action/remediation	Compliance reporting
		Identify weakness and create a roadmap for corrective action.				
REMEDATION	Services	IBM ISS Products and Services for FISMA Compliance				
		<ul style="list-style-type: none"> Policy development Implementation of NIST 800-53 control Configuration management planning Define Privacy Act controls 	<ul style="list-style-type: none"> Test for compliance <ul style="list-style-type: none"> Policy NIST 800-53 Privacy Act Inventory and status C&A Contingency planning status Risk assessment 	<ul style="list-style-type: none"> Define procedures Configuration management Incident detection & response C&A evaluation Contingency plan testing Training & awareness 	<ul style="list-style-type: none"> POA&M development support 	<ul style="list-style-type: none"> Develop standard reports <ul style="list-style-type: none"> Incident detection & response Inventory & status Training & awareness
	Products	<ul style="list-style-type: none"> IBM Internet Scanner® Software IBM Proventia® product family 	<ul style="list-style-type: none"> IBM Proventia Network Anomaly Detection System (ADS) Internet Scanner IBM SiteProtector™ system Proventia product family IBM SecurityFusion™ module 	<ul style="list-style-type: none"> IBM Proventia Network Anomaly Detection System (ADS) Workflow Proventia product family SiteProtector system SecurityFusion module Online training 	<ul style="list-style-type: none"> Workflow 	<ul style="list-style-type: none"> IBM Proventia Network Anomaly Detection System (ADS) Internet Scanner SiteProtector system SecurityFusion module Proventia product family
AUDIT		Review the current state against the documented plan. Report deficiencies and corrective actions.				



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About IBM Internet Security Systems

IBM Internet Security Systems (ISS) is the trusted security expert to global enterprises and world governments, providing products and services that protect against Internet threats. An established world leader in security since 1994, IBM ISS delivers proven cost efficiencies and reduces regulatory and business risk across the enterprise. IBM ISS products and services are based on the proactive security intelligence conducted by the IBM Internet Security Systems X-Force® research and development team – a world authority in vulnerability and threat research. For more information, visit www.ibm.com/services/us/iss or call 1 800 776-2362.

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