



Navigating the FISMA Compliance Labyrinth

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FEDERAL COMPUTER SECURITY REPORT CARD

FISMA - December 31, 2005

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Challenges in Navigating the FISMA Compliance Labyrinth

- Understanding compliance requirements
- Ensuring policies in place and enforced
- Defining security requirements
- Managing effective risk assessments
- Performing certification and accreditation
- Interfacing with other processes
- Implementing automation to support compliance

How To Address These Challenges?





Government Directives

Driving Legislation

- E-Government Act of 2002 - Public Law 107-347
 - ◆ “To enhance the management and promotion of electronic Government services and processes by establishing a Federal Chief Information Officer within the Office of Management and Budget.”
- Title III - Federal Information Security Management Act
 - ◆ “Provide for development and maintenance of minimum controls required to protect Federal information and information systems.”
 - ◆ Establish Agency Security Program
 - ◆ Establish annual reporting and assessment procedures
- Section 208 – Privacy Provisions
 - ◆ Ensure sufficient protections for the privacy of personal information as agencies implement citizen-centered electronic Government.
 - ◆ Conduct Privacy Impact Assessment



Government Directives

Driving Legislation

- Office of Management and Budget (OMB) Circular A-130
- Appendix III - Security of Federal Automated Information Resources
- Supporting Memorandums
 - ◆ OMB Memorandum 03-19
 - ◆ OMB Memorandum 04-25
 - ◆ OMB Memorandum 05-15

Federal Information Security Management Act (FISMA) Methodology

Version 4.1 - October 2005

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Organizational Requirements (3544)	Provide protection commensurate with risk and magnitude of potential harm.	Provide security that supports operations and assets.	Delegate authority to CIO for FISMA compliance.	Ensure sufficient trained personnel to support security requirements	Ensure CIO reports annually on effectiveness of information security program.		
Agency Program (3544) <small>(b)(7)</small> Develop, document and implement a security program to provide security for the information assets that support the operation of the agency.							
Security Policies and Procedures <ul style="list-style-type: none"> Based on risk assessment results Cost effective controls designed to reducing in-place & planned risk Addressed throughout IT life-cycle Compliant with <ul style="list-style-type: none"> FISMA Sec. 3544 NIST special publications Acceptable system configurations Other applicable requirements 	Subordinate Systems Plans <ul style="list-style-type: none"> Networks Facilities IT systems Groups of IT systems 	Continuity of Operations Plan <ul style="list-style-type: none"> Plans and procedures in place Mission critical systems Support required operations Protect assets 	Security Incident Reporting <ul style="list-style-type: none"> Security incident procedure for <ul style="list-style-type: none"> Detecting Reporting Responding Mitigating damage risks Notify Federal CIRC Consult with <ul style="list-style-type: none"> Law enforcement Office of Inspector General Other agencies as directed 	Training Plans <ul style="list-style-type: none"> Inform staff and contractors Security risks of activities Responsibilities for compliance Reduce the risks 	Testing and Evaluation Results <ul style="list-style-type: none"> Performed at least annually Management controls <ul style="list-style-type: none"> Operational controls Technical controls All systems in inventory Use independent evaluations 	Agency Risk Assessments <ul style="list-style-type: none"> Identify threats Identify vulnerabilities Analyze security controls Determine magnitude of harm 	Remedial Action Process <ul style="list-style-type: none"> Remedial action process for <ul style="list-style-type: none"> Planning Implementing Evaluating Documenting Address deficiencies in <ul style="list-style-type: none"> Policies Procedures Practices
Guidance Documents <ul style="list-style-type: none"> FIPS 199, 200, 201 NIST SP 800-37 NIST SP 800-14 NIST SP 800-27 NIST SP 800-41 NIST SP 800-45 NIST SP 800-48 NIST SP 800-53 NIST SP 800-59 & 60 	Guidance Documents <ul style="list-style-type: none"> NIST SP 800-37 NIST SP 800-18 NIST SP 800-27 NIST SP 800-33 NIST SP 800-35 NIST SP 800-36 NIST SP 800-41 NIST SP 800-44 NIST SP 800-47 	Guidance Documents <ul style="list-style-type: none"> NIST SP 800-37 NIST SP 800-14 NIST SP 800-34 NIST SP 800-35 	Guidance Documents <ul style="list-style-type: none"> NIST SP 800-37 NIST SP 800-14 NIST SP 800-30 NIST SP 800-31 NIST SP 800-35 NIST SP 800-61 	Guidance Documents <ul style="list-style-type: none"> NIST SP 800-37 NIST SP 800-14 NIST SP 800-16 NIST SP 800-50 	Guidance Documents <ul style="list-style-type: none"> NIST SP 800-37 NIST SP 800-26 NIST SP 800-42 NIST SP 800-53A NIST SP 800-55 NIST SP 800-64 	Guidance Documents <ul style="list-style-type: none"> NIST SP 800-37 NIST SP 800-14 NIST SP 800-30 NIST SP 800-35 NIST SP 800-64 	Guidance Documents <ul style="list-style-type: none"> NIST SP 800-37 OMB M-03-19 OMB M-04-25 OMB M-05-15 POA&M NIST SP 800-55
Establish IT Environment <ul style="list-style-type: none"> Classify IT systems Define security policy Define baseline common & system specific security requirements Define baseline common & system specific security controls Define security life cycle Define interconnection agreements 	Create Security Plan <ul style="list-style-type: none"> Identify security plan policy Perform analysis with system owner <ul style="list-style-type: none"> Determine management controls Determine operational controls Determine technical controls Assemble system security plan <ul style="list-style-type: none"> Complete a Privacy Impact Assessment E-Authentication and risk assessment 	Perform Contingency Management Process <ul style="list-style-type: none"> Develop contingency planning policy statement <ul style="list-style-type: none"> Conduct the business impact analysis (BIA) Identify preventive controls Develop recovery strategies <ul style="list-style-type: none"> Develop an IT contingency plan Plan testing, training, and exercises Maintain Contingency Plan 	Create Incident Response Plan <ul style="list-style-type: none"> Review incident response policy Assemble response team Define response procedures Define US-CERT coordination Agreements with other agencies Forensic analysis requirements Interface with law enforcement 	Create Security Training Program <ul style="list-style-type: none"> Design awareness & training program Develop material for training program Implement awareness & training program Evaluate and improve awareness & training program 	Test & Evaluate Controls <ul style="list-style-type: none"> Perform system testing and evaluation Perform SP 800-26 evaluation and audit <ul style="list-style-type: none"> Examine C&A documentation Complete C&A security evaluation Update C&A documentation ST&E must include test cases, criteria, results using SP 800-53A and relevant STIG's 	Perform Risk Assessment <ul style="list-style-type: none"> Define operational environment Identify threats Identify vulnerabilities Analyze existing security controls <ul style="list-style-type: none"> Assess likelihood of threat Determine impact from loss Determine risk level Controls for mitigation of risk Reports and recommendations 	Establish POA&M Process <ul style="list-style-type: none"> Identify weakness in systems Define remedial action needed Remedial costs as budget item Fill out POA&M matrix Separate PAO&M for each system Monitor progress Use previous POA&M reports Use C&A package data Submit to OMB upon request
Documents Produced <ul style="list-style-type: none"> System Descriptions Environment System Security Policy Interconnection Security Agreements Memorandums of Agreement Privacy Impact Assessment Configuration Management Plan System Development Plan Sensitive Data Encryption Policy & Plan Security Patch Policy Wireless Device Policy Email Use Policy 	Documents Produced <ul style="list-style-type: none"> System Descriptions Environment Boundary Definition System Security Requirements System Security Operating Procedures System Rules of Behavior System Security Plan 	Documents Produced <ul style="list-style-type: none"> Business Continuity Plan Business Recovery Plan Continuity of Operations Plan Continuity of Support Plan Crisis Communications Plan Cyber Incident Response Plan Disaster Recovery Plan Occupant Emergency Plan 	Documents Produced <ul style="list-style-type: none"> Incident Response Plan US-CERT Coordination Plan Incident Logging Procedures 	Documents Produced <ul style="list-style-type: none"> Security Awareness & Training Plan Awareness & Training Metrics Needs Assessment Questionnaire Security Professional Development Syllabus 	Documents Produced <ul style="list-style-type: none"> Security Test & Evaluation Plan System Self Assessment & Audit C&A Documentation Updates Recommendations for Enhanced Security Controls 	Documents Produced <ul style="list-style-type: none"> Security Risk Assessment System Security Policy Management, Operational and Technical Controls Security Requirements Threat & Vulnerability Assessment 	Documents Produced <ul style="list-style-type: none"> Security Risk Assessment System Security Policy POA&M
Agency Reporting (3544 (c))	The agency shall transmit a summary report of the annual IT security review including progress on correcting weakness and the results of the independent evaluation.	IAW OMB M-05-15	Tabular format - Tables A, B, C, & D	<ul style="list-style-type: none"> Agency POA&M Previous IG report 	<ul style="list-style-type: none"> Previous FISMA compliance report Previous C&A package 		
Annual Independent Evaluation (3545)	The agency shall perform an annual independent evaluation to determine the effectiveness of the security program and practices at the agency.	Review security planning and the POA&M for resolving security weaknesses	Review assigned security responsibilities and incident handling procedures	Review effectiveness of: <ul style="list-style-type: none"> Risk Assessments IT Security Program Capital Spending Security Training & Awareness 	Create List of Conditions <ul style="list-style-type: none"> Identify issues Resolve & close issues Make recommendations for conditions Update POA&M 		
Incident Reporting (3546)	The agency shall have a documented procedure for reporting security incidents and sharing information regarding common vulnerabilities.	The agency shall have a documented procedure for coordinating with US-CERT.	The agency shall have a documented procedure for patch management.				



FISMA Overview

Organizational Requirements (3544)

- Delegate authority to CIO for FISMA compliance.
- Provide protection commensurate with risk and magnitude of potential harm.
- Provide security that supports operations and assets.

Ensure sufficient trained personnel to support security requirements

- Ensure CIO reports annually on effectiveness of information security program.

Agency Program (3544 (b))

Develop, document and implement a security program to provide security for the information assets that support the operation of the agency.

Agency Reporting (3544 (c))

- The agency shall transmit a summary report annually of IT security reviews, progress & results of independent evaluations
- Agency POA&M Previous IG report, FISMA compliance report Previous C&A package

IAW OMB M-05-15
Tabular format -
Tables A, B, C, & D

Annual Independent Evaluation (3545)

- Agency shall perform annual independent evaluations.
- Review security planning and the POA&M for resolving security weaknesses.
- Review assigned security responsibilities and incident handling procedures
- Review effectiveness of Risk Assessments, IT Security Program, Capital Spending, & SETA

Incident Reporting (3546)

- The agency shall have a documented procedure for reporting security incidents and sharing information regarding common vulnerabilities.

- The agency shall have a documented procedure for coordinating with FedCIRC.
- The agency shall have a documented procedure for patch management.



FISMA

Agency Program (3544 (b))

- Security Policies and Procedures
 - ◆ Based on risk assessment results
 - ◆ Cost effective Controls
 - ◆ Addressed throughout lifecycle
- Guidance Documents (NIST -59, -60, -64; FIPS 199)
- Establish IT Environment
 - ◆ Classify IT systems
 - ◆ Define security policy
 - ◆ Define baseline common & system specific security controls
- Documents Produced
 - ◆ Systems Description Environment
 - ◆ System Security Policy
 - ◆ MOU, ISA documents
 - ◆ Supporting Policies

FISMA

Agency Program (3544 (b))

- Subordinate Systems Plans
 - ◆ Individual IT systems
 - ◆ Networks
 - ◆ Groups of IT systems
- Guidance Documents (NIST -18, -27; ISO/IEC 17799)
- Create Security Plan
 - ◆ Analysis with system owner
 - ◆ Determine management, operational and technical controls
 - ◆ Assemble security plan
- Documents Produced
 - ◆ Systems Description Environment
 - ◆ Boundary Definition
 - ◆ Rules of Behavior
 - ◆ Security Plan



FISMA

Agency Program (3544 (b))

- Continuity of Operations Plan
 - ◆ Identify mission critical systems
 - ◆ Put plans and procedures in place
 - ◆ Protect assets
- Guidance Documents (NIST -14, -34; ISO/IEC 17799)
- Perform Contingency Management Process
 - ◆ Develop contingency planning policy
 - ◆ Conduct business impact analysis
 - ◆ Develop recovery strategies and contingency plans
- Documents Produced
 - ◆ Continuity Plans (Business, Operations, Support)
 - ◆ Recovery Plans (Business, Disaster)
 - ◆ Incident Response Plan

FISMA

Agency Program (3544 (b))

- Security Incident Reporting
 - ◆ Install procedures for detecting, reporting and responding
 - ◆ Mitigate damage
 - ◆ Notify FedCIRC
 - ◆ Consult with law enforcement, IG and others
- Guidance Documents (NIST -14, -30, -61; ISO/IEC 17799)
- Create Incident Response Plan
 - ◆ Review incident response policy
 - ◆ Define response procedures and FedCIRC coordination
 - ◆ Interface with law enforcement
- Documents Produced
 - ◆ Incident Response Plan
 - ◆ FedCIRC Coordination Plan
 - ◆ Incident Logging Procedure



FISMA

Agency Program (3544 (b))

- Training Plans
 - ◆ Identify responsibility for compliance
 - ◆ Inform staff and contractors of security risks
- Guidance Documents (NIST -14, -16, -50)
- Create Security Training Program
 - ◆ Design awareness and training program
 - ◆ Develop instructional material for training program
 - ◆ Implement and evaluate awareness and training program
- Documents Produced
 - ◆ Security Awareness & Training Plan
 - ◆ Awareness & Training Metrics
 - ◆ Security Professional Development Syllabus



FISMA

Agency Program (3544 (b))

- Testing and Evaluation Results
 - ◆ Perform tests at least annually
 - ◆ Focus on management, operational and technical controls
 - ◆ Use independent evaluations
- Guidance Documents (NIST -26, -37, -42, -53A)
- Test and Evaluate Controls
 - ◆ Perform system testing and evaluation
 - ◆ Perform SP 800-26 Rev 1 evaluation and audit
 - ◆ Complete C&A security evaluation
- Documents Produced
 - ◆ Security Test & Evaluation Plan
 - ◆ System Self-Assessment and Audit
 - ◆ Recommendations for enhanced security controls



FISMA

Agency Program (3544 (b))

- Agency Risk Assessments
 - ◆ Identify threats and vulnerabilities
 - ◆ Analyze security controls
 - ◆ Determine magnitude of harm
- Guidance Documents (NIST-14, -30, -64; ISO/IEC 17799)
- Perform Risk Assessments
 - ◆ Define operational environment
 - ◆ Identify threats and vulnerabilities
 - ◆ Analyze security controls
 - ◆ Determine level of risk
- Documents Produced
 - ◆ Security Risk Assessment
 - ◆ System Security Policy
 - ◆ Management, Operational and Technical controls
 - ◆ Security Requirements

FISMA

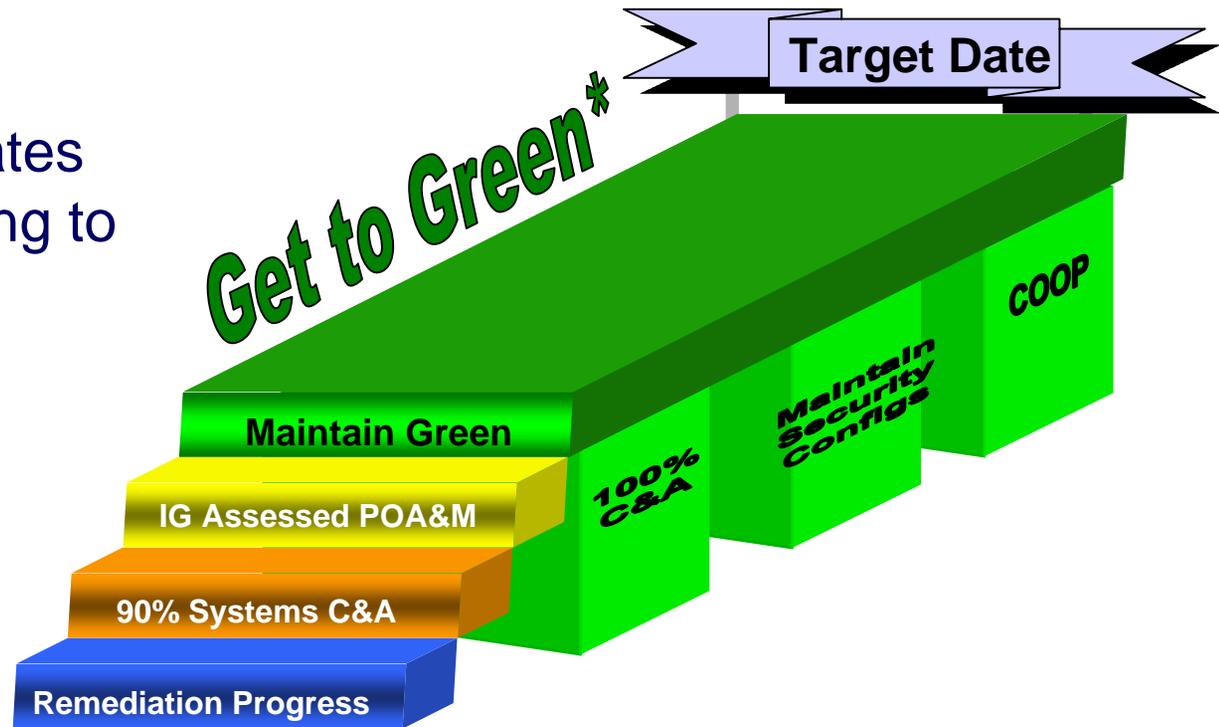
Agency Program (3544 (b))

- Remedial Action Process
 - ◆ Define process for planning, implementing, evaluating and documenting remedial action
 - ◆ Address deficiencies in policy, procedures and practice
- Guidance Documents (OMB M-04-25, POA&M, NIST -55)
- Establish POA&M Process
 - ◆ Identify weaknesses in systems
 - ◆ Define remedial action needed
 - ◆ Budget costs of remedial action
 - ◆ Monitor progress of remedial action
- Documents Produced
 - ◆ Security Risk Assessment
 - ◆ System Security Policy
 - ◆ POA&M

Government Directives

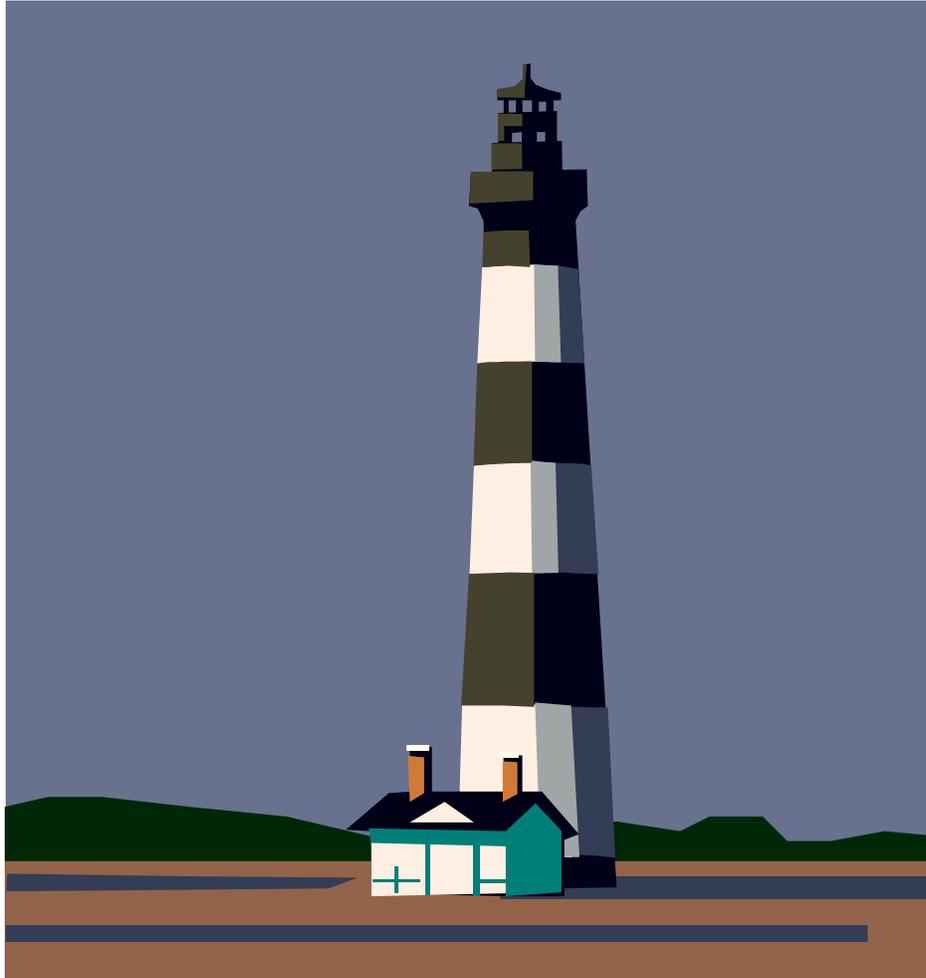
Driving Legislation

- FISMA also mandates compliance reporting to OMB
- FISMA reporting receives very high visibility!



** Steps to "Get To Green" taken from a statement of the Honorable Karen Evans, Administrator for Electronic Government and IT, OMB, before the Committee on Government Reform, US House of Representatives, April 7, 2005*

Security Policies and Procedures



**Where is my
guiding
light?**



Policies Not Present or Enforced

- What are the problems?
 - ◆ Policies are not in place or are obsolete
 - ◆ Policy enforcement is lax
 - ◆ No process for reviewing and updating policies
 - ◆ Policies are ambiguous and loosely defined
- What may be the solution sets?
 - ◆ Establish policy taxonomy
 - ◆ Create policy review board and process
 - ◆ Assign a policy management team

Security Policies and Procedures

Management Controls

Security Planning Policy

Risk Assessment Policy

System and Services Acquisition Policy

Certification, Accreditation, and Security Assessments Policy

Operational Controls

Security Awareness and Training Policy

Configuration Management Policy

Contingency Planning Policy

Media Protection Policy

Physical and Environmental Protection Policy

System and Information Integrity Policy

Incident Response Policy

System Maintenance Policy

Personnel Security Policy

Technical Controls

Access Control Policy

Auditing and Accountability Policy

Identification and Authentication Policy

System and Communications Protection Policy



RA-1: Risk Assessment Policy and Procedures

Policy 2.1 Risk Management

Description:

[Define Department/Division/Group] must complete security categorization and classification of information and conduct a comprehensive risk assessment on systems in accordance with the Risk Management standards and practices.



CA-1: Certification, Accreditation, and Security Assessments Policy and Procedures

Policy 5.1 System Certification and Assessments

Description:

All [Define] systems must be certified and accredited by an officially designated accrediting authority (DAA) prior to operating in a production environment. [Define Department/Division/Group] must continuously monitor critical controls and establish and maintain Plan of Actions & Milestones (POA&M) in accordance with System Certification and Assessments standards and practices.

Security Requirements



**What must I do to
be secure??**

Defining Requirements

- Baseline security requirements (BLSR) provide the foundation for the entire risk assessment process.
- BLSR are derived from Policies, Laws, Executive Orders, Directives, Regulations, Statutes
- Start with best practices (Don't reinvent!)
- Project Management 101 – Establish Plan



Do Not Deviate

- Define and formalize management, operational, and technical Policies



Defining Requirements and Controls

- Define & formalize Clear / Concise Requirements
 - ◆ Incremental Approach – 1st Management, 2nd Operational, 3rd Technical
 - ◆ (Remember TMI = Information Overload / Short Circuit)
 - ◆ Distribute for Review / Acceptance / Buy-in
 - ◆ Signature Authority – C-Level
- Mapping Exercise
 - ◆ Management Requirement
 - ◆ Operational Requirement
 - ◆ Technical Requirement

In-Place
Controls



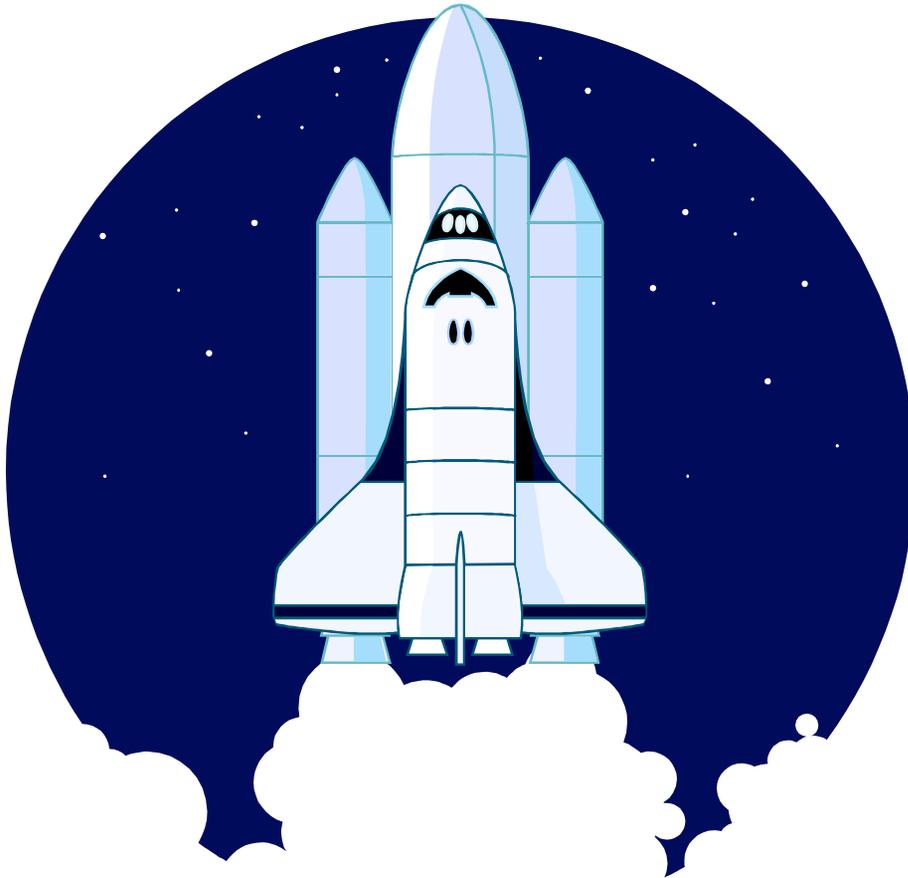
Creating a Value added RTM

Traditional Requirements Traceability Matrix (RTM)

1	2	3
Req #	Requirement	Requirement Reference
M-RA1	Perform security categorization in accordance with (IAW) FIPS – 199 and NIST Special Publications (SP) 800-59 & 60. This is documented and approved by an appropriate senior official.	800-53: RA-1 Based on Agency Policy or Directive.

RTM is developed for Management, Operational, & Technical security requirements. Each requirement is written in sufficient detail & references a source for that requirement.

Managing Effective Risk Assessments

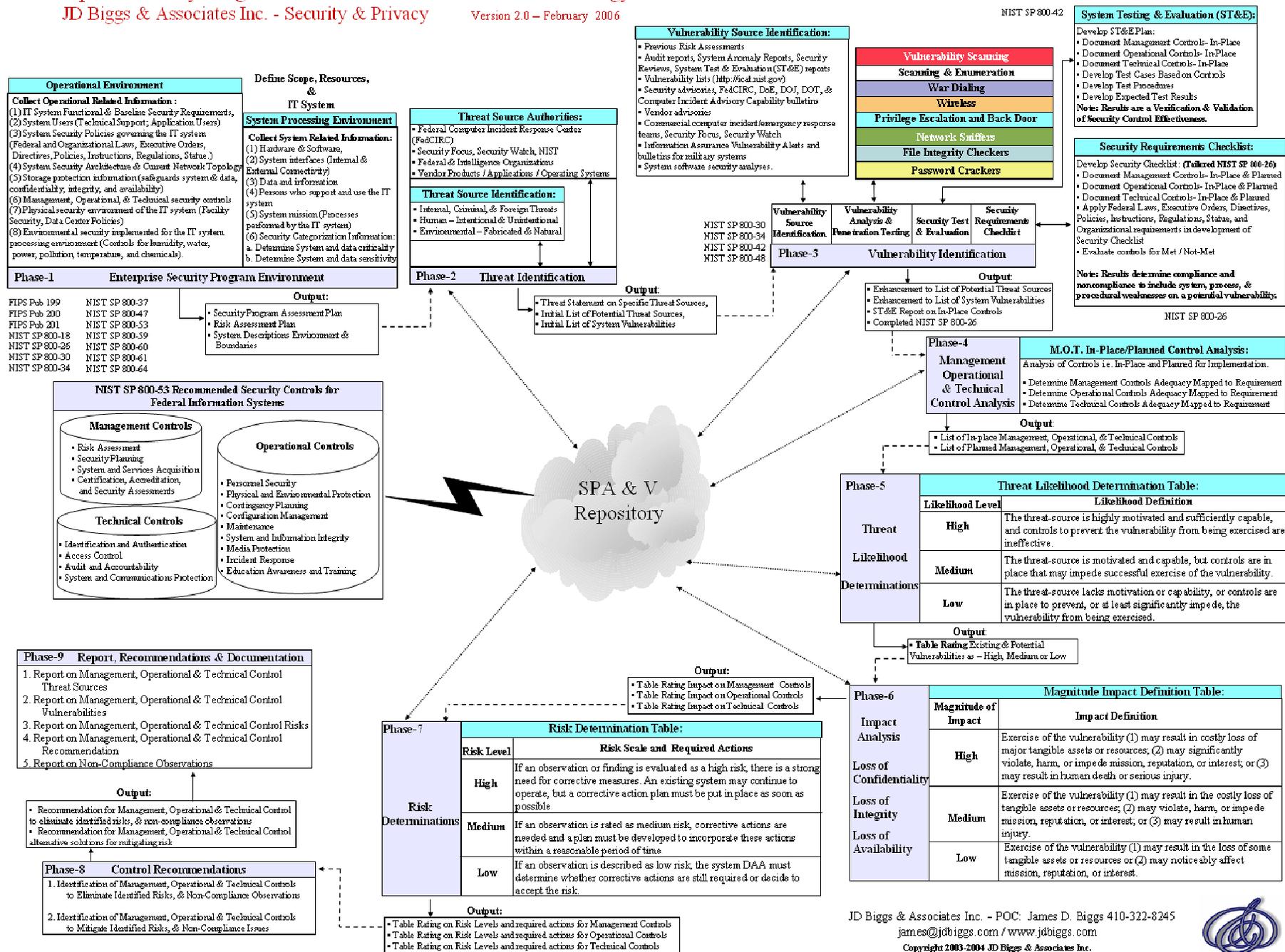


**Are you sure
we have
looked at all
risks?**

Enterprise Security Program Assessment & Validation Methodology

JD Biggs & Associates Inc. - Security & Privacy

Version 2.0 - February 2006





Agency Risk Assessments

- What are the problems?
 - ◆ Rushed effort with inadequate planning
 - ◆ Critical skills not in labor mix
 - ◆ Coordinating access to facilities and systems
 - ◆ Resource availability

- What may be the solution sets?
 - ◆ Include risk assessment in SDLC
 - ◆ Project planning 101, 102 and 103
 - ◆ Senior management involvement



Vulnerability Identification

Vulnerability Scanning
Scanning & Enumeration
War Dialing
Wireless
Privilege Escalation and Back Door
Network Sniffers
File Integrity Checkers
Password Crackers

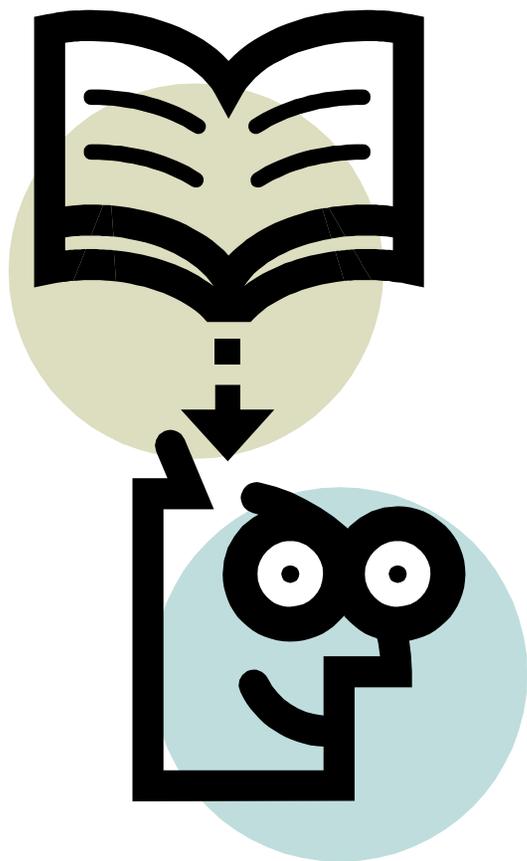
- **Vulnerability Assessment** – Network topology review; workstation & server security testing, 3rd party access review, regulation & policy compliance review, inbound/outbound traffic control, firewall & router ACLs to include log files, IDS setup & implementation and phone lines.
- **Penetration Testing** – Establish rules of engagement, Indemnification. Pen Testing is actively evaluating security control effectiveness.



Vulnerability Scanning Tools

Tool	Capabilities	Website	Linux	Win32	Cost
CyberCop Scanner	Vulnerability scanner	http://www.pgp.com/products/	✗	✗	\$
<i>Description</i>	CyberCop Scanner is a network-based vulnerability-scanning tool that identifies security holes on network hosts.				
ISS Internet Scanner	Vulnerability scanner	http://www.iss.net/	✗		\$
<i>Description</i>	ISS Internet Scanner is a network-based vulnerability-scanning tool that identifies security holes on network hosts.				
Nessus	Vulnerability scanner	http://www.nessus.org/	✗	# (client only)	Free
<i>Description</i>	A freeware network-based vulnerability-scanning tool that identifies security holes on network hosts.				
SAINT	Vulnerability scanner	http://www.wwdsi.com/saint/	✗		\$
<i>Description</i>	SAINT is an updated and enhanced version of SATAN, is designed to assess the security of computer networks.				
SARA	Vulnerability scanner	http://www-arc.com/sara/	✗		Free
<i>Description</i>	Sara is a freeware network-based vulnerability-scanning tool that identifies security holes on network hosts.				

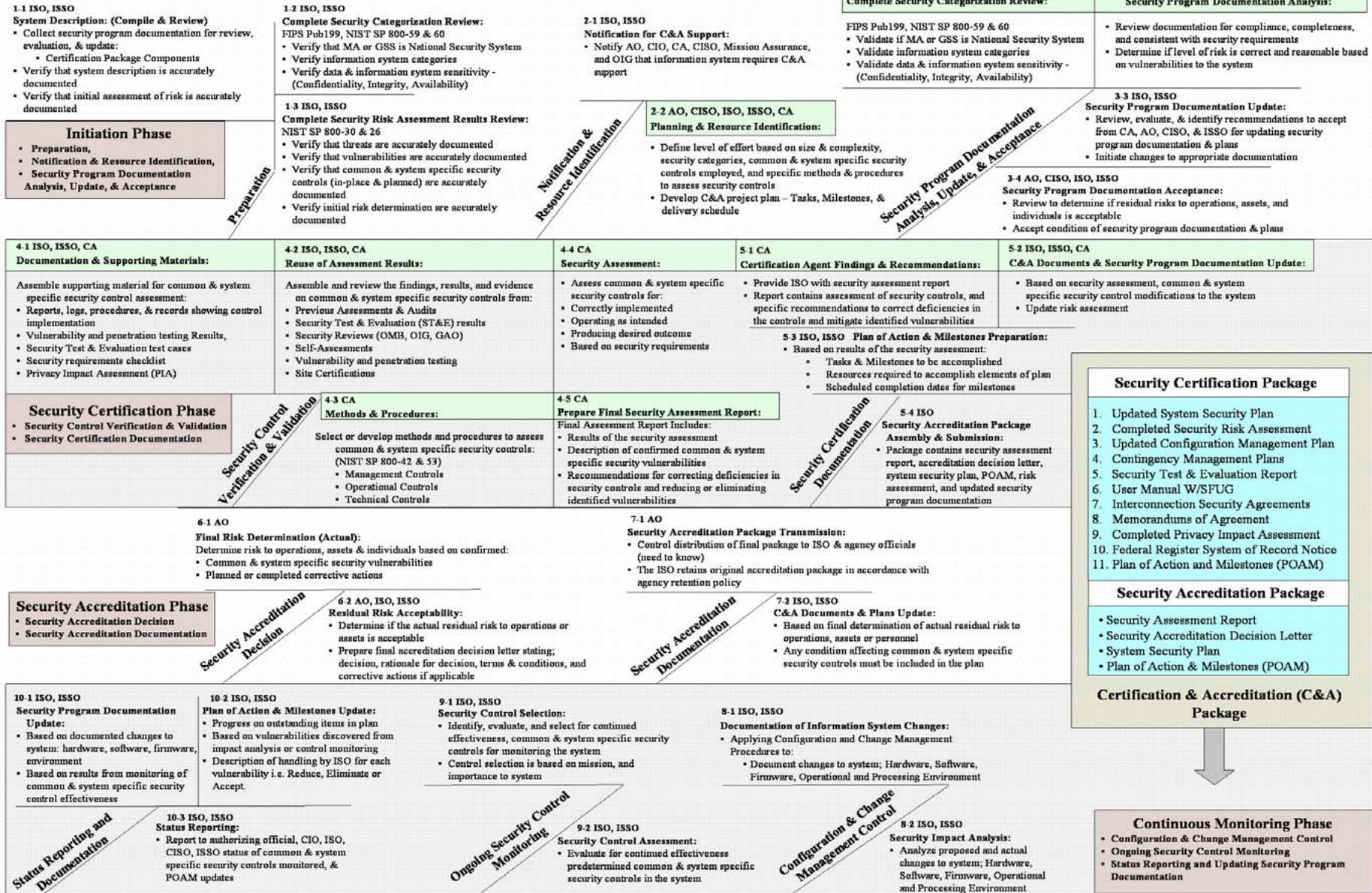
Certification and Accreditation



**How can I manage
all these tasks and
documents?**

Enterprise Security Certification & Accreditation Methodology

JD Biggs & Associates Inc. - Security & Privacy Version 4.0 - March 2005



Security Certification Package

- Updated System Security Plan
- Completed Security Risk Assessment
- Updated Configuration Management Plan
- Contingency Management Plans
- Security Test & Evaluation Report
- User Manual WSFUG
- Interconnection Security Agreements
- Memorandums of Agreement
- Completed Privacy Impact Assessment
- Federal Register System of Record Notice
- Plan of Action and Milestones (POAM)

Security Accreditation Package

- Security Assessment Report
- Security Accreditation Decision Letter
- System Security Plan
- Plan of Action & Milestones (POAM)

Certification & Accreditation (C&A) Package



Continuous Monitoring Phase

- Configuration & Change Management Control
- Ongoing Security Control Monitoring
- Status Reporting and Updating Security Program Documentation

Legend
 Authorizing Official = AO
 Chief Information Officer = CIO
 Chief Information Security Officer = CISO
 Information System Owner = ISO
 Information System Security Officer = ISSO
 Certification Agent = CA



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Accreditation Decision

- I have determined that the risk to **Agency Operations**, **Agency Assets**, or **Individuals** resulting from the operation of the information system is acceptable.
- Accordingly, I am issuing an ***Authorization to Operate*** the information system in its existing operating environment.
- This security accreditation is my formal declaration that **Adequate Security Controls** have been implemented in the information system and that a satisfactory level of security is present in the system.

C&A Process Overview

- C&A Process Phases
 - ◆ Initiation Phase
 - ◆ Security Certification Phase
 - ◆ Security Accreditation Phase
 - ◆ Continuous Monitoring Phase
- C&A Roles and Responsibilities
 - ◆ Authorizing Official (AO)
 - ◆ Chief Information Officer (CIO)
 - ◆ Chief Information Security Officer (CISO)
 - ◆ Information System Owner (ISO)
 - ◆ Information System Security Officer (ISSO)
 - ◆ Certification Agent (CA)

Security Certification Package

Updated System Security Plan
Completed Security Risk Assessment
Updated Configuration Management Plan
Contingency Management Plans
Security Test & Evaluation Report
User Manual W/SFUG
Interconnection Security Agreements
Memorandums of Agreement
Completed Privacy Impact Assessment
Federal Register System of Record Notice
Plan of Action and Milestones (POAM)

Security Accreditation Package

- Security Assessment Report
- Security Accreditation Decision Letter
- System Security Plan
- Plan of Action & Milestones (POAM)

Certification & Accreditation (C&A) Package



C&A Process Tasks

- Required for major applications and general support systems
 - ◆ Evaluation of management, operational and technical security controls
 - ◆ Triggered by time (3 years) or significant changes
- Define accreditation boundaries, interfaces and subsystems and operating environment
- Assess risk for the environment within accreditation boundary
 - ◆ Threats and vulnerabilities
 - ◆ System test and evaluation
- Develop the Accreditation Package
 - ◆ Result of C&A activities by certifier.
 - ◆ Details all the activities from first three phases
- Make risk-based accreditation decision
 - ◆ Accept residual risk for that environment
 - ◆ Authorization to operate in that environment

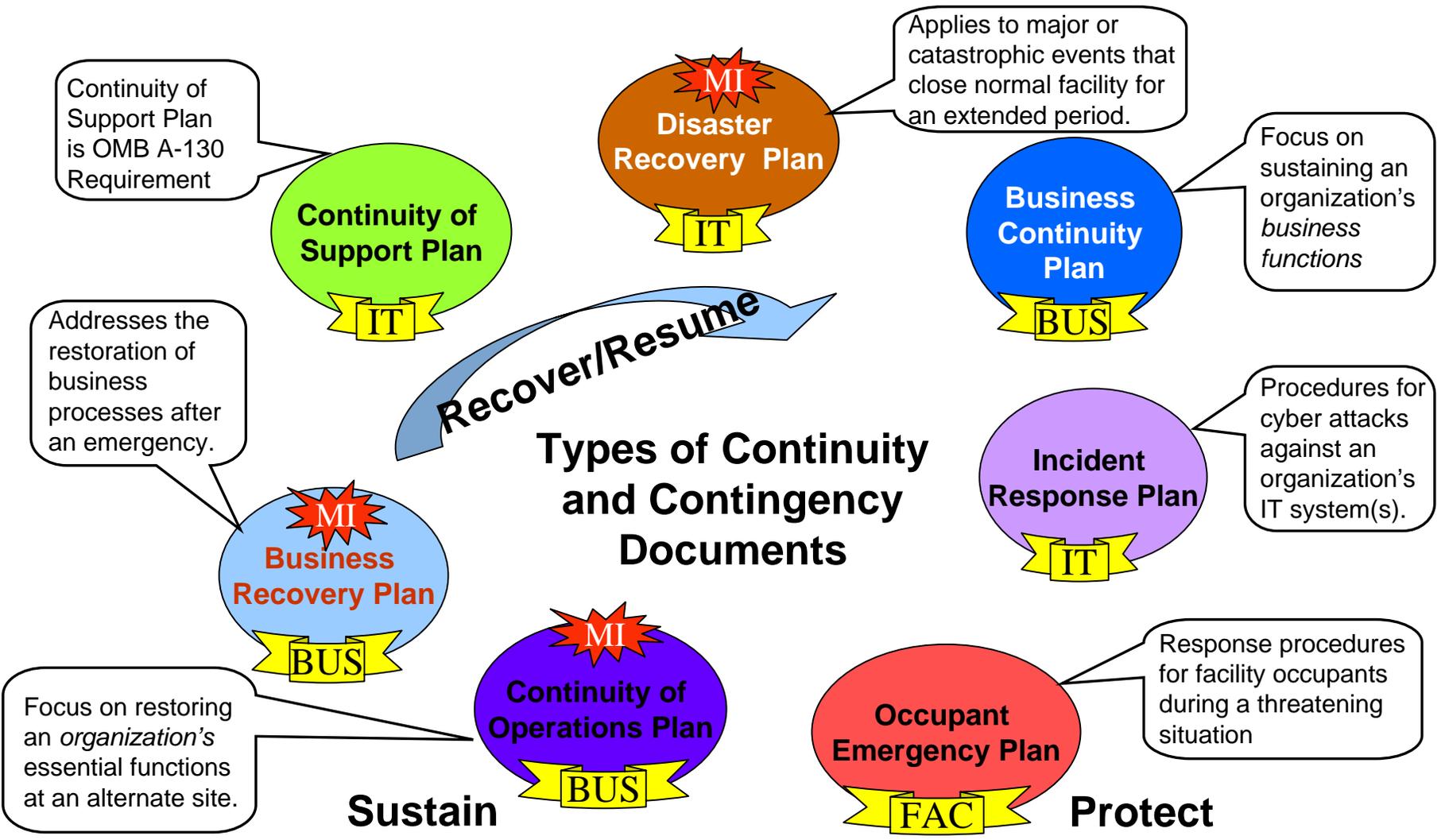


Interface with Other Processes



**Now how
does this
piece fit?**

Contingency Planning



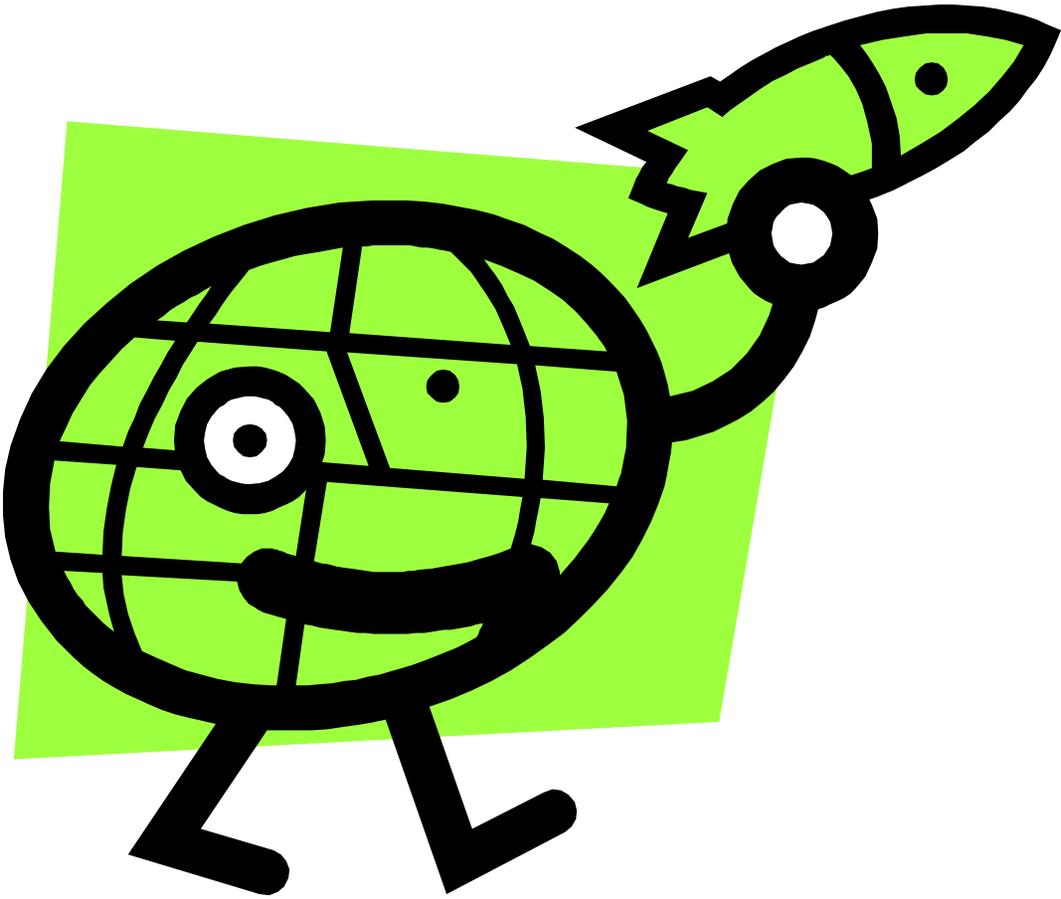


Remedial Processes

- POA&M
 - ◆ Manage all known weaknesses in the POA&M
 - ◆ Verify and validate completed corrective actions
- Maintain Security Requirements
 - ◆ Maintain BLSR & BLPR under configuration control
 - ◆ Leverage existing and cost effective controls
- Self Assessments
 - ◆ Supports the C&A Continuous Monitoring process
- OIG or GAO audits



Using Automation Support for FISMA



**How can I
make this
process fly?**



Benefits of Automation Support

- Reduced Personnel Costs for Compliance
- Consistency in Assessments and Evaluations
- Documents Formatted Correctly
- System Inventory Management Automated
- Auditable Compliance Process



Criteria for Tool Selection

- Integration Potential with Existing Infrastructure
- User Interface Intuitive and Effective
- Capability for Audit Trail
- Output Formats for Documents and Reports
- Adaptability to Specific Agency Requirements
- Interface to POA&M Process



Sample of Vendor Products

- Automated Security Self-Assessment Tool (ASSET)
- Xacta Web C&A
- Xacta Commerce Trust
- Risk Management System (RMS)
- Risk Watch
- Trusted Agent FISMA
- Other Proprietary Support Tools

FISMA Compliance Avoids Red



**Are you ready
for an IG
Inspection?**



**Had
Enough?**

**Any
Questions?**



Navigating the FISMA Compliance Labyrinth



Thank you

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Project Performance Corporation <http://www.ppc.com>