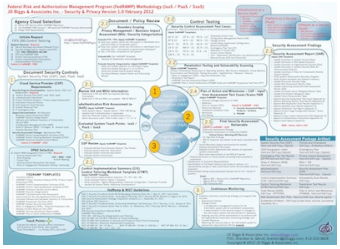
JD Biggs & Associates, Inc.

Your Trusted Partner for Improved Security & Privacy

JD Biggs is an Information Security and Privacy consulting firm located near Washington, DC in suburban Maryland. Current compliance requirements are complex, resource intensive, moderately expensive and challenging. ***We are an approved Third Party Assessor Organization (3PAO)*** *through the General Service Administration (GSA) Federal Risk Management Program (FedRAMP). We offer a variety of service offerings to meet your specific FedRAMP needs. Our methodologies are comprehensive and ensure that your company meets compliance standards. These methodologies shall continuously be updated to reflect the changes affecting GSA IT Security Procedures, NIST Publications, FIPS Publications and best practices identified during the assessment process.*

FedRAMP Methodology



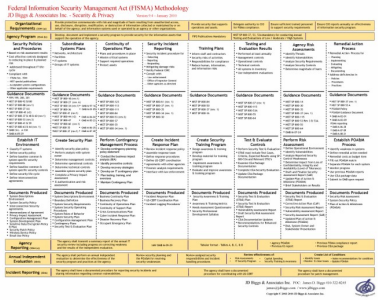
We have developed our Federal Risk and Authorization Management Program (FedRAMP) Methodology in accordance with the Federal Cloud Computing Initiative (FCCI) and the requirements defined by General Services Administration (GSA), the National Institute of Standards and Technology (NIST) and Federal Information Processing Standards (FIPS).

This methodology is our strategy for achieving compliance through assessing risks and providing the Authorizing Official (AO) with accreditation information that is associated with three service models: Infrastructure as a Service (IaaS); Platform as a Service (PaaS); Software as a Service (SaaS).

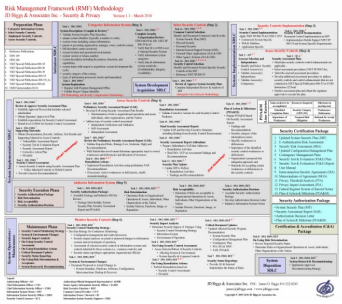
This strategy defines the required activities by the Cloud Service Provider (CSP), system owner as-well-as the 3PAO who is conducting the Independent Verification & Validation (IV&V) on the security controls. The CSP and system owner requirements involve the creation of security program documentation using the GSA templates and guidelines.

FISMA Methodology

Our Federal Information Security Management Act (FISMA) methodology tackles the five (5) major sections of the legislation and eight components of the agency program. The major sections of Title III, E-Government Act requirements imposed by the Office of Management and Budget (OMB) and what are expected to be examined by an auditor (OIG, OMB, GAO, 3rd Party) during an assessment. An Agency or Commercial organization should use this chart to educate stakeholders on FISMA compliance and also identify a specific weakness to the Enterprise Security Program or system.



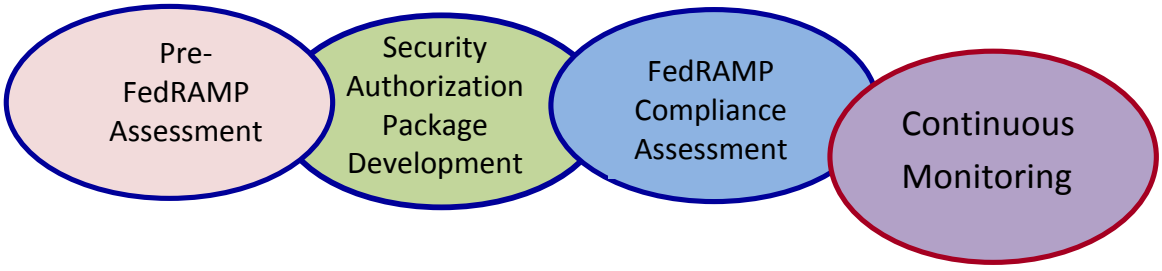
Risk Management Framework (RMF)



The Risk Management Framework (RMF) activities are performed on systems throughout the year. The system owner is required to assess the condition of security controls *annually* and receive a new accreditation decision by the Authorizing Official (AO) when the system has experienced (1) Significant Change as defined by NIST SP 800-37 rev. 1, or (2) New Authorizing Official directs this action.

Federal Risk and Authorization Management Program (FedRAMP)

Compliance Services Offered by JD Biggs



Continuous Monitoring Service Offering

FedRAMP requires that the Cloud Service Provider (CSP) annually re-assess a subset of the security controls and submit the results to the FedRAMP Program Management Office (PMO) and leveraging Federal agencies. The re-assessment of Management, Operational and Technical Security controls must be completed by an accredited 3PAO. To verify this work was completed, CSPs and leveraging agencies must submit an annual report, self-certifying that all controls are working properly.

The Federal Information and Security Management Act (FISMA section 3544(b) (5)) requires each agency to perform for all systems "periodic testing and evaluation of the effectiveness of information security policies, procedures, and practices, to be performed with a frequency depending on risk, but no less than annually."

JD Biggs & Associates will facilitate implementing a continuous monitoring methodology, based on a near real-time risk management strategy, as defined in the Risk Management Framework (RMF). In addition to security control assessments, vulnerability scanning, system and network monitoring, and other automated support, our consulting professionals will help determine the security state of an information system. Our team will employ industry standard software tools and provide assistance updating critical documents in the security authorization package. The documents in this package are considered "living documents" and updated accordingly based on actual events that may affect the security of the information system, including configuration management strategies. Our FedRAMP methodology defines the following continuous monitoring activities:

- Change Control:
  - Establish a configuration management process for information systems;
  - Conduct security impact of changes to the information system and environment of operation;
- Ongoing assessments of Management, Operational and Technical Security controls
- Conduct Incident Response Training
- Annual Penetration Test (Low, Moderate, High Rated Systems)
- Annual Full-Recovery Exercise / Test
- Quarterly Vulnerability Scans: Operating System (OS) / Data base (DB)/ Web / Virtual Machine (VM)
- Update Security Authorization Package
- Reporting the security state of the information system to appropriate organizational officials **annually**.

Security Authorization Package

Cloud Service Provider (CSP) / Agency System Owner*

- ✓ ISSO Designation Letter
- ✓ Privacy Impact Assessment (PIA)
- ✓ PIA Questionnaire
- ✓ Business Impact Assessment (BIA)
- ✓ Security Categorization (FIPS 199)
- ✓ Control Implementation Summary CIS)
- ✓ Control Tailoring Workbook (CTW)
- ✓ Rules of Behavior (ROB)
- ✓ Configuration Management Plan (CMP)
- ✓ Customer Responsibility Matrix
- ✓ Detailed System Inventory
- ✓ System Security Plan (SSP)
- ✓ IS Contingency Plan (ISCP)
- ✓ IS Contingency Plan Test Results (CPTR)
- ✓ IS Contingency Plan Test Report
- ✓ Continuous Monitoring Plan
- ✓ Incident Response Plan (IRP)
- ✓ Interconnection Security Agreement (ISA)
- ✓ Memorandum of Understanding (MOU)
- ✓ Separation of Duties Matrix
- ✓ Security Training Records
- ✓ Third Party Audit Report

**JD Biggs can facilitate in the creation of these documents*

Third Party Assessment Organization (3PAO)

- ✓ Evidentiary Artifacts (Screen shots, policies, procedures, check lists, scans, etc.)
- ✓ Security Assessment Plan
- ✓ eAuthentication Risk Assessment
- ✓ Rules of Engagement (ROE)
- ✓ Penetration Test Report
- ✓ Code Review (SAAS)
- ✓ Security Assessment Report Forms & Assessment Cases (17 control families)
- ✓ Plan of Action and Milestones (POA&M)
- ✓ Security Assessment Report (SAR)
- ✓ Accreditation Decision Letter / Memo
- ✓ Vulnerability Scans: OS / Web / DB / VM

About Us

- Over 30 years of IT experience
- Degreed
- Security Clearances
- Security Professional Certifications (CISSP, CAP, CEH)
- Industry Recognized Subject-Matter-Experts (SME): FISMA, FedRAMP, DIACAP, RMF, HIPAA, NERC, CIP, CSAM, TAF
- Approved 3PAO through GSA
- GSA Schedule 70
- eMaryland Marketplace
- MD SDAT - D07929995
- DUNS - 180401478 /CAGE- 4V6P7
- MD State CATS II
- Small Business Reserve
- NAICS - 541519, 541512, 541990

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