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THE CYBER ASSURANCE INTEGRATION FRAMEWORK

POWERED BY ACCENTURE FEDERAL SERVICES AND SERVICENOW

The ability to reduce the complexity of compliance is an essential component for US federal Government Agencies to accelerate the accreditation and adoption of critical technologies and capabilities. This unique, powerful approach to Cyber Assurance couples in-depth industry expertise from Accenture Federal Services, and technology capability built on ServiceNow to provide a holistic end-to-end approach to integrated risk management that simplifies the compliance of compliance.

Supporting the Federal Mission

The US Federal Government continues to accelerate its adoption of cloud infrastructure and services to support its mission. Federal Agencies are navigating a complex landscape of multiple standards, guidelines, and executive directives calling for greater transparency and accountability and a strengthened approach to cyber risk management.

The ability to promote the adoption of secure cloud services across federal government, cloud service providers, and third-party assessment organizations by providing a standardized approach to security and risk assessment, while reducing the time and complexity of the cyber assurance process, is an essential component to ensuring the nimble, cost-effective, and timely assessment & authorization, and adoption of these capabilities.

A Powerful Combination

An ongoing / continuous authorization model with the Risk Management Framework (RMF) as the foundational enabler provides an integrated risk-based proactive approach to defining security issues early and defending against malicious threats. Holistic cyber assurance requires these key aspects to create an integrated approach to simplifying and accelerating risk management:

A Centralized approach to support the end-to-end cyber assurance lifecycle that combines the right mix of people, well-defined process, and supporting technology to reduce the amount of manual tasks that need to be completed and creates a repeatable, sustainable approach that will accelerate the assessment and authorization process while increasing adoption, increasing visibility at every step, and reducing the complexity of the compliance process.

An Integrated Approach to Defining, Mitigating, and Managing Cyber Risk. Defining security boundaries and aligning to federal standards and guidelines during the integrated risk process incorporates data from multiple people and data sources. Simplifying and automating the lifecycle, from start to finish, creates a more sustainable, repeatable model that curates data and input from multiple personnel and data sources in order to quickly define and create the information boundaries, controls, and compliance artifacts that are needed throughout the risk management process. These efficiencies and consolidation of information and data provide transparency at every level, and quickly define the steps needed for rapid assessment and authorization of new capabilities while adhering to federal standards and guidelines.

Without this coupling of governance of process, information, and technology the risk management approach will continue to be a disparate and siloed process that is reinvented at each iteration. Successful risk management requires a unified approach to identify, implement,

mitigate, and manage the security controls and compliance frameworks defined for continued cloud and technology adoption at a pace that allows agencies to realize the full value as quickly as possible.

Bringing Together the Best of Breed Industry Expertise and Technology for a Federally Centered Approach

ServiceNow and Accenture Federal Services have come together to jointly develop a platform capability using the ServiceNow Integrated Risk Management Application that provides a streamlined approach to managing the RMF steps and activities to help reduce complexity, reduce manual data entry, support the automated creation of RMF artifacts, and accelerate the A&A process.

A Complete RMF Solution

Accenture Federal Services' CAIF Automation coupled with ServiceNow's Continuous Authorization and Monitoring (CAM) capability together to provide a holistic approach to the authorization process, risk management, and continuous monitoring.

- Built in partnership with AFS and ServiceNow to develop the ServiceNow platform RMF 2.0 CAM capability built on ServiceNow's IRM Application to provide the latest features and functionality for a seamless, scalable, and extensible integrated federal assurance experience.

- The incorporation of intelligent automation using chatbot automation, and Robotic Process Automation (RPA) to support repeatable process execution that expedites the definition of security requirements, the assessment and authorization process, and continuous monitoring.

- An API integrated solution that integrates with existing systems of record (e.g. eMASS, CSAM, XACTA) to support process efficiency and holistic compliance reporting, visibility, and integration.

- A continuous authorization approach that identifies unexpected changes in the risk posture that may impact the performance of identified and implemented security controls

- CAIF leveraging Automation using Chatbot / RPA functionality in developing the A&A / ATO package to reduce manual input and complexity.

- Streamlined approach to Information Assurance (IA) with DevSecOps automation, solution delivery and sustainment activities to enable acceleration of A&A / RMF activities and support the quick transition to an ongoing authorization operational model.

- Integrated with ServiceNow GRC / IRM and Vulnerability Response applications to provide a single, integrated view for cyber assurance and reduce or eliminate manual process and data imports, and support efficient, automated artifact uploads.

- Provides a holistic view into the overall assurance posture with real-time dashboards and reporting for every step of the RMF / CAIF process.

Built for Government Standards

Accenture built the CAIF solution to address National Institute of Standards and Technology (NIST), FedRAMP and several federal regulations / cybersecurity standards. As a result, it provides any organization with a ready-to-use continuous authorization solution that aligns to the same strict standards that Federal government agencies are required to adhere to.

The Accenture CAIF Difference

Using Accenture's CAIF coupled with ServiceNow, clients can leverage the flexibility and scalability of a secure, federally compliant platform that can be implemented in a matter of weeks. It accelerates the definition of security authorization boundaries using automation to define security control selection based on the relation of confidentiality, integrity, and availability of information type definitions. This automation drives an accelerated and agile process through the entire RMF process, while providing complete visibility using reporting and dashboards for traceability and improved governance.

Real Results

Leveraging the Accenture CAIF solution, federal agencies have been able to provide tangible results for federal clients:

- Reduced the time to achieve an IL6 ATO by 50%

- Accelerated A&A package development & ATO approval by 75% including migrating into an IL5 environment

- Streamlined the A&A package development across 17 information systems within 3 months

- Streamlined & expedited the RMF / audit response process for 17 major applications & 3 general support systems

- Across 21 financial systems performed RMF gap analysis and reduced testing time by 50%

Coupled with the ServiceNow CAM solution, organizations are able to automatically produce compliance artifacts such as the System Security Plan (SSP), and the compliance report templates that are automatically populated with the control, Plan of Action and Mitigation (POA&M) data, and control status data for easy import into the existing compliance system of record. Accenture's CAIF solution enables a faster path to ATO, and an automated approach to continuous monitoring.

Leveraging ServiceNow's service portal and workflow automation, CAIF is tailored to provide visibility throughout the entire RMF process while managing review and approval by the right people and at each phase of the RMF process in order to streamline the RMF process.

Accenture and ServiceNow

Accenture's ServiceNow solutions empower clients to achieve greater value from their ServiceNow investment by realizing the benefit of full platform functionality, while leveraging a deployment model that works best for them.

Accenture leverages deep industry knowledge, global capabilities, and cross-functional expertise in designing and deploying holistic solutions that go beyond technology to deliver the most effective ServiceNow solutions. With more than 2,250 ServiceNow practitioners globally and experience delivering 5,000+ projects, Accenture is the largest global integrator partner for ServiceNow's Federal practice. Accenture's dedicated ServiceNow practice consists of experienced resources and assets that enable the rapid delivery of ServiceNow through a holistic, outcome-focused implementation methodology.

Accenture's unparalleled enterprise-level SaaS experience, combined with business process enablement, deep technical implementation expertise and organizational change management, has proven highly effective for federal clients, earning Accenture the ServiceNow Federal System Integrator of the Year award every year since 2013.

About Accenture

Accenture is a leading global professional services company, providing a broad range of services and solutions in strategy, consulting, digital, technology and operations. Combining unmatched experience and specialized skills across more than 40 industries and all business functions—underpinned by the world's largest delivery network—Accenture works at the intersection of business and technology to help clients improve their performance and create sustainable value for their stakeholders. With more than 394,000 people serving clients in more than 120 countries, Accenture drives innovation to improve the way the world works and lives. Visit us at www.accenture.com.

About Accenture Federal Services

Accenture Federal Services is a wholly owned subsidiary of Accenture LLP, a U.S. company, with offices in Arlington, Virginia. Accenture's federal business has served every cabinet-level department and 30 of the largest federal organizations. Accenture Federal Services transforms bold ideas into breakthrough outcomes for clients at defense, intelligence, public safety, civilian and military health organizations.

About ServiceNow

ServiceNow makes work, work better for people. Our cloud-based platform and solutions deliver digital experiences that help people do their best work. ServiceNow Integrated Risk Management helps power your resilient business with risk-informed decisions embedded in daily work and integrated across the enterprise. By seamlessly embedding risk management and compliance into your digital workflows and familiar user experiences you can improve decision-making, increase productivity, gain real-time visibility into risk, and effectively communicate with stakeholders at all levels including vendors. For more information, visit www.servicenow.com/risk

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Contact ServiceNow to learn more about Continuous Authorization and Monitor

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