

Ensuring Cyber Security, Public Trust, and Operational Efficiency



Strategic Outcomes

Continuous Public Service:

Prevent service disruption by reducing mean time to remediation (MTTR) and ensuring compliance.

Streamline Compliance:

- EO 14028 (Improving the Nation's Cybersecurity)
- CISA BOD 22-01 & 23-01 (KEV and Asset Inventory)
- OMB M-21-31 & M-22-09 (Zero Trust and Logging)
- FISMA, NIST 800-53, and FedRAMP frameworks
- CDM APL-Listed – Nucleus is approved for use across federal civilian agencies through the Continuous Diagnostics and Mitigation program.

Responsible AI for Decision Support:

AI-enhanced prioritization leverages real-time exploit and malware intel to accelerate remediation decisions while maintaining transparency and analyst control.

POA&M Process Automation:

Streamline compliance with continuous documentation and audit-ready reports.

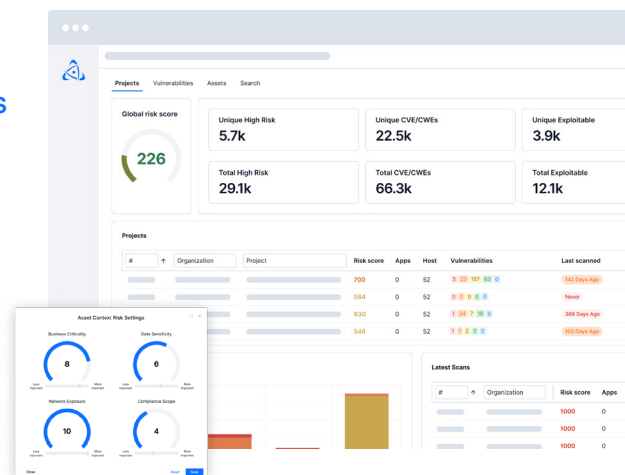
Modernizing Vulnerability Management for Civilian Agencies

Federal civilian agencies must protect the digital services that citizens rely on, while proving compliance with the Cybersecurity and Infrastructure Security Agency (CISA), Office of Management and Budget (OMB), and Executive mandates. With evolving mandates, expanding attack surfaces, and emerging threats, the complexity of managing vulnerabilities across diverse systems and teams continues to grow. With Nucleus, teams can consolidate data from disparate tools into a single, risk-based platform—streamlining workflows, standardizing processes, and enabling faster remediation and audit readiness across the agency.

Trusted By:

- CMS (Centers for Medicare & Medicaid Services)
- USDA (U.S. Department of Agriculture)
- State and municipal governments

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Nucleus Capabilities Highlights

Capability	Description	Impact
Unified Ingestion, deduplication, and triage	Connects to over 160 security tools (e.g., Tenable, Qualys, Prisma, Rapid7, ServiceNow, Jira, Tanium, Wiz)	Consolidates vulnerability data across silos
SLA Automation	Policy-driven enforcement of remediation timelines per BODs, KEVs, or severity	Simplifies SLA compliance and tracking for prioritized risks (KEV/Critical)
Integrated Threat Intelligence	Built in support for 18+ threat intelligence feeds including CISA KEV and EPSS	Detect and prioritize CISA KEV vulnerabilities immediately.
POA&M Process Automation	Integrated with vulnerability management, built-in templates, and auto-generated reports	Saves hours every month per agency to simplify compliance
Risk-Based Prioritization	Combines threat intel, exploitability, and business context into the Nucleus Risk Score	Reduces manual workloads so teams can focus on risk reduction
Role-Based Access Control (RBAC)	Granular roles, project-based segmentation	Enables decentralized ops in multi-agency environments
Ticketing System Integration	Native integrations with ServiceNow, Jira, and others	Streamlines remediation tracking and accountability
Secure Deployment Options	Deployable in AWS GovCloud regions or self-hosted environments	Supports secure, compliant cloud-first strategies for federal agencies
CDM Program Alignment	Approved on the CDM APL (Approved Products List)	Simplifies procurement and trusted deployment across FedCIV
FedRAMP Authorized Platform	The Nucleus Platform is FedRAMP Moderate Authorized	Designed for the stringent needs of federal agencies.

About Nucleus

Nucleus is a unified vulnerability and exposure management platform built for scale, speed, and mission-critical environments. Trusted across federal civilian and intelligence communities, Nucleus transforms fragmented asset, security, and threat data into risk-based action —empowering security teams to automate workflows, enforce compliance, and reduce agency risk.

Contract Vehicles

Federal: NASA SEWP V | ITES-SW2 | CDM APL
SLED: NASPO ValuePoint | Omnia Partners Edu | Omnia Partners Cobb County
Other: SBIR Phase III Direct



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