nucleus

Protect the Mission. Scale Compliance and Risk Reduction.

Mission-Aligned Outcomes

Continuous Risk Management:
Gain visibility across your IT ecosystem with automated asset management. Identify and prioritize critical vulnerabilities, delivering actionable insights for effective risk mitigation.

Continuous Risk Monitoring:
Consolidate, prioritize, and manage all vulnerabilities across security tools and teams in one system of record.

Automated Prioritization:
Cut through the noise to focus resources on exploitable and mission-relevant risks.

Secure Classified Operations:
Fully air-gapped deployable, with no cloud dependencies; supports JWICS, SIPR, and private networks.

Risk Quantification:
Supports SSVC, STIG compliance, and custom IC-derived risk models.

POA&M Process Automation:
Track remediations, justifications, and evidence with timestamped, audit-ready records to streamline ATO.

Integrated Vulnerability Intelligence:
Nucleus VIP (Vulnerability Intelligence Platform) supports 18+ feeds including CISA KEV and custom feeds to securely integrate ops outcomes for actionable intelligence.

Unified Vulnerability & Asset Management System of Record for Sensitive Classified Networks

Mission success depends on uninterrupted operations in a hostile evolving threat landscape. As environments diversify and data volumes increase, security teams must make rapid decisions based on limited visibility. With Nucleus, intelligence teams can consolidate, normalize, prioritize, and track vulnerabilities and assets across enclaves—turning asset, security, and threat data into actionable risk reduction.

Deployed Where Security is Paramount:

- DoD Program Offices
- Intelligence Community Elements
- SCIF-based environments and mission enclaves

"...Intelligence teams can consolidate, normalize, prioritize, and track vulnerabilities and assets across enclaves —turning asset, security, and threat data into actionable risk reduction."
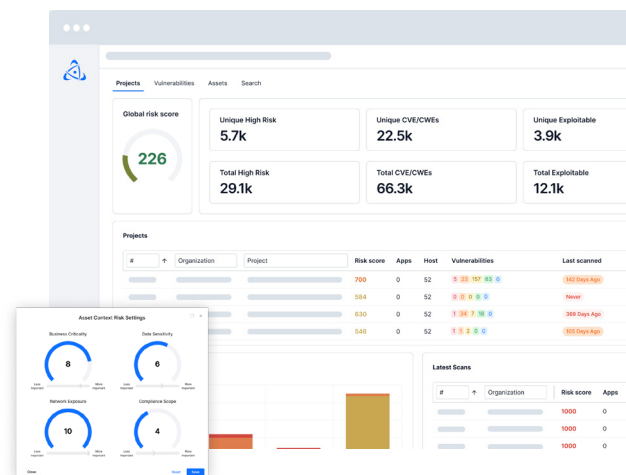
Nucleus Capabilities

Capability	Description	Impact
Air-Gapped Operation	Full-featured platform operable on JWICS, SIPR, and SCIF networks	Meets CNSS, ICD 503, and classified data handling mandates
Secure Cloud Deployment	Deployable on self-hosted private cloud environments or AWS GovCloud	Secure, compliant, containerized deployment options for sensitive and classified environments
AI and Threat-Intelligence Driven Triage	Automated triage leveraging Nucleus's AI-enabled vulnerability and threat intelligence	Cuts remediation workload with real-world threat exploitability context
Deduplication & Normalization	Merges duplicate findings and assets across disconnected sensors/tools	Enables consistent, accurate asset-based risk roll-ups
Zero Trust Ready	Asset tagging, least privilege RBAC, and fine-grained audit logs	Supports ZTA compliance and access segmentation across enclaves
Unified Vulnerability Intelligence Platform	18+ intelligence and exploitability intelligence sources	Elevates risk insight and decision-making in disconnected environments
Custom Intelligence Feed Integration	Enrich with classified or proprietary intelligence sources	Correlates local ops and classified intel across all vulnerabilities and exposures
Ticketing System Integration	Native integrations with ServiceNow, Jira, and others	Automates remediation tasking and closes feedback loops across mission teams
FedRAMP Authorized Platform	Fully compliant with NIST 800-53 controls for FedRAMP Moderate	Designed to meet the stringent security requirements 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.

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