

Dr. Keith Prioleau

CANDIDATE FOR

Director - Product Cybersecurity Supply Chain Risk Management
RTX

 Securing the Defense Industrial Base (DIB) & Product Lifecycle

Executive Summary: Supply Chain Risk Leadership



Safeguarding Advanced Technology & Supplier Ecosystems

Dr. Keith Prioleau is a cleared Cybersecurity Compliance & Risk Management with over two decades of dedicated service within the RTX ecosystem (Legacy UTC, Collins Aerospace, Raytheon Missiles & Defense, and Pratt & Whitney). My career is defined by leading the design, implementation, and governance of enterprise-wide IT solutions for Special Access Programs (SAP), Collaterally Classified Programs, and CUI within commercial and military environments.

Stellar Educational & Professional Foundation



Advanced Degrees

MSL in Corporate Compliance

(Fordham Law, Dec 2026), **Doctor of Science in Cybersecurity (DSc)**, (Capitol Tech University, (an NSA / DoD CAE Certified), and dual Master's degrees from University of Maryland University College in Cybersecurity & IT Assurance.



Elite Certifications

Active **CMMC CCP/CCA** training for supplier compliance, **CGRC/CAP**, ISC2 Governance Risk & Compliance SME, and FBI/InfraGard OSINT Master Certification.



Security Clearance

Active U.S. Top Secret Security Clearance backed by decades of direct, trusted support within aerospace defense manufacturing, military enclaves, and securing highly classified environments.

Direct Alignment with RTX SCRM Mandate



Product Cybersecurity Leadership: Proven capability to lead enterprise-wide security initiatives, embedding cyber resilience directly into the System Development Lifecycle (SDLC) and manufacturing processes.



Framework & Policy Mastery: Deep SME knowledge in NIST SP 800-161 (SCRM), NIST 800-171, CMMC 2.0, and JSIG to ensure unyielding supplier audit readiness.



Subcontractor Risk Management: Architected P&W's Cleared Subcontractor Compliance Assessment Reviews to rigorously evaluate, audit, and secure external supply chain defense enclaves.



Proactive Supply Chain Defense: Spearheaded Cyber Threat Intelligence integration, leveraging DIBNet sharing and Software/Hardware Bill of Materials (SBOM/HBOM) strategies for internal countermeasures.

A Legacy Leadership Across RTX Classified Environments

Pratt & Whitney (Legacy UTC)

Served as Information Systems Security Manager (ISSM), and designed the Subcontractor Cybersecurity Compliance program responsible for auditing and securing the complex supply chain and subcontractor networks supporting classified Military Engine Enclaves.

Collins Aerospace, & Raytheon Missiles & Defense

Provided NIST RMF governance for National Security Systems (NSS) and Space Mission Systems utilizing the government eMASS. Secured classified SATCOM and ECC eWAN cloud environments, developing robust product security policies and ATO packages across distributed teams.

Principal Advisor for Department of War

U.S. Air Force Advisory Role

Served as a senior principal advisor to Program Management Offices (PMO) overseeing design appropriateness and manufacturing company system design development compliance—in close coordination with the National Security Agency (NSA)—for nuclear command, control, and communications (NC3) systems.

U.S. Space Force Advisory Role

Acted as principal advisor and ISSM establishing rigid security requirements and control effectiveness for product manufacturers. Partnered directly with MIT Lincoln Labs to Authority-To-Connect (ATC), Authority-To-Operate (ATO) and Interim Authority To Test (IATT) approvals.

Most Recent Impact: Securing the NC3 Ecosystem

- 2025/2026 supporting the Air Force Nuclear Weapons Center (AFNWC) within the highly critical NC3 mission area.
- Overseeing the security posture of critical information systems, SecDefOps, and explicitly embedding security controls throughout the full vendor SDLC.
- Managing special warfighter cybersecurity projects, ensuring external suppliers meet stringent CDRL/SDRL compliance requirements.
- Collaborating seamlessly with high-level stakeholders across USSTRATCOM, USCYBERCOM, Space Operations Command, and the NSA to mitigate systemic supply chain risks.



Vision & Strategic Roadmap – Advancing RTX Cybersecurity Supply Chain Risk Management

- **AI-Driven Continuous Monitoring Ecosystem**
Transition from point-in-time subcontractor compliance audits to a dynamic, continuous monitoring framework. Leverage Artificial Intelligence (AI) to enhance automated risk scoring and real-time vulnerability detection, ensuring supplier resilience matches the speed of emerging threats while maximizing RTX's predictive visibility into supply chain health.
- **Next-Generation CMMC 2.0 Supplier Enablement**
Accelerate secure compliance pathways for subcontractors focusing on rigorous CMMC 2.0 readiness. By utilizing AI-assisted governance to streamline these compliance pathways, we will safeguard advanced warfighting technologies against sophisticated modern threat vectors and ensure a transparent, highly visible global defense industrial base partner network.
- **RFID-Powered Asset & HBOM Traceability**
Operationalize Software and Hardware Bill of Materials (SBOM/HBOM) analysis to pinpoint and eliminate hidden vulnerabilities deep within product components and codebases.
 - By integrating RFID tracking with HBOM data, we will drastically enhance real-time RTX visibility into component provenance, physical supply chain movements, and end-to-end product lifecycles.
- **Integrated Threat Intelligence & TPRM**
 - Establish unified Third-Party Risk Management (TPRM) standard work, baselines, and scalable governance to continuously assess our partner network.
 - Empower product security and supply chain teams by integrating actionable Cyber Threat Intelligence (CTI).
 - Establish a gold-standard model for how RTX utilizes OSINT and DIBNet sharing to proactively defend America's advanced warfighting technologies.

Ready to Lead & Secure the DIB

Thank you for considering Dr. Keith Prioleau for the Director, Product Cybersecurity SCRM position at RTX.

Let's build a resilient global supply chain that secures tomorrow's defense capabilities today.

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Image Sources



https://png.pngtree.com/thumb_back/fw800/background/20251206/pngtree-a-visualization-of-global-network-with-glowing-lines-connecting-continent-on-image_20747007.png

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