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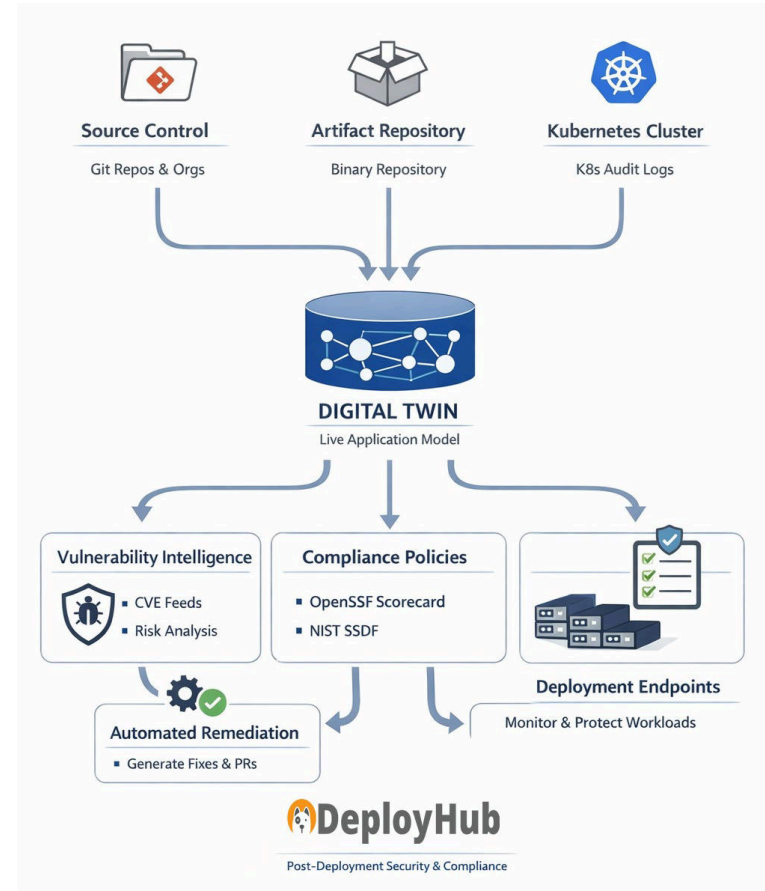
## TECHNOLOGY OVERVIEW

DeployHub’s real-time detection and autonomous remediation platform strengthens Cyber Survivability Operations by ensuring that space vehicles, satellites, and ground control systems maintain operational integrity. DeployHub’s platform is designed to report newly discovered open-source vulnerabilities impacting live operational assets and fixing them in record time. DeployHub synchronizes deployed artifact SBOMs against CVE databases, pinpointing exactly where new vulnerabilities are running across fielded satellite platforms, orbital systems, and supporting infrastructure. This production-first process detects and mitigates vulnerabilities that emerge after deployment, prioritizing high-risk and critical CVEs that pose immediate operational threats.

## WARFIGHTER / OPERATIONAL IMPACT

- Supports Space Domain Awareness through continuous monitoring and integrity assurance of deployed software assets.
  - Enables cyber survivability operations by autonomously securing systems under threat with minimal human intervention.
  - Compresses OSS vulnerability response timelines from months to hours to ensure continuous mission assurance.
  - Enhances DoDs defend-forward posture with real-time, autonomous remediation capabilities
- Secures containers and artifacts post-deployment, aligned with cATO goals

## SOLUTION FLOW



Technical Readiness Level: TL7

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### TRANSITION PATH / PARTNERS

DeployHub will leverages the open-source Ortelius project incubating at the Linux Foundation to accelerate adoption across government and defense ecosystems. Initial transition efforts focus on pilots with Space Force and SDA TAP partners to validate rapid detection and remediation of open-source vulnerabilities in operational systems. The platform integrates with existing DevSecOps and software factory environments minimizing transition risk and operational disruption. DeployHub will transition through enterprise and government deployments supporting isolated, edge, and mission-critical environments, while the open-source community ensures long-term interoperability, scalability, and sustainment.

### COMMERCIAL OPPORTUNITY

DeployHub addresses the rapidly growing software supply chain security market by focusing on post-deployment vulnerability detection and AI-driven remediation for live systems. Built on the open-source Ortelius project, the platform combines enterprise SaaS and government deployment models to drive scalable adoption across defense, critical infrastructure, and regulated industries. With increasing demand for operational cyber resilience and continuous compliance, DeployHub has a clear path to building a category-defining cybersecurity platform capable of reaching a \$1B valuation within five years.

### SUCCESS METRICS

- Detect and correlate newly published CVEs to impacted operational endpoints **within 10 minutes** of public disclosure.
- Reduce Mean Time to Remediation (MTTR) for critical vulnerabilities to **less than 48 hours** across mission and enterprise environments.
- Achieve **continuous visibility** into deployed software assets, across cloud, edge, and air gapped systems.
- Enable **automated remediation** workflows with minimal operator intervention.
- Support Continuous ATO (cATO) and federal compliance initiatives through **real-time vulnerability posture** reporting and evidence collection.

### PRIOR TECHNICAL INVESTMENT

DeployHub includes an Open-Source core (Ortelius.io) incubating at the Linux Foundation's Continuous Delivery Foundation. Over the last 4 year, the platform deliverables have been vetted by industry experts from Sonatype and Red Hat. A SaaS platform of the product's MVP was delivered in December 2024 which includes the reporting of where post-deployment CVEs are running on live environments, connected to repositories, build's, OpenSSF Scorecard insights, and delivery scripts.

- 41 OS Contributors over last 5 years.
- 4,500 hours of coding in 2024 with 132,847 workload.
- \$1M in founder investment.