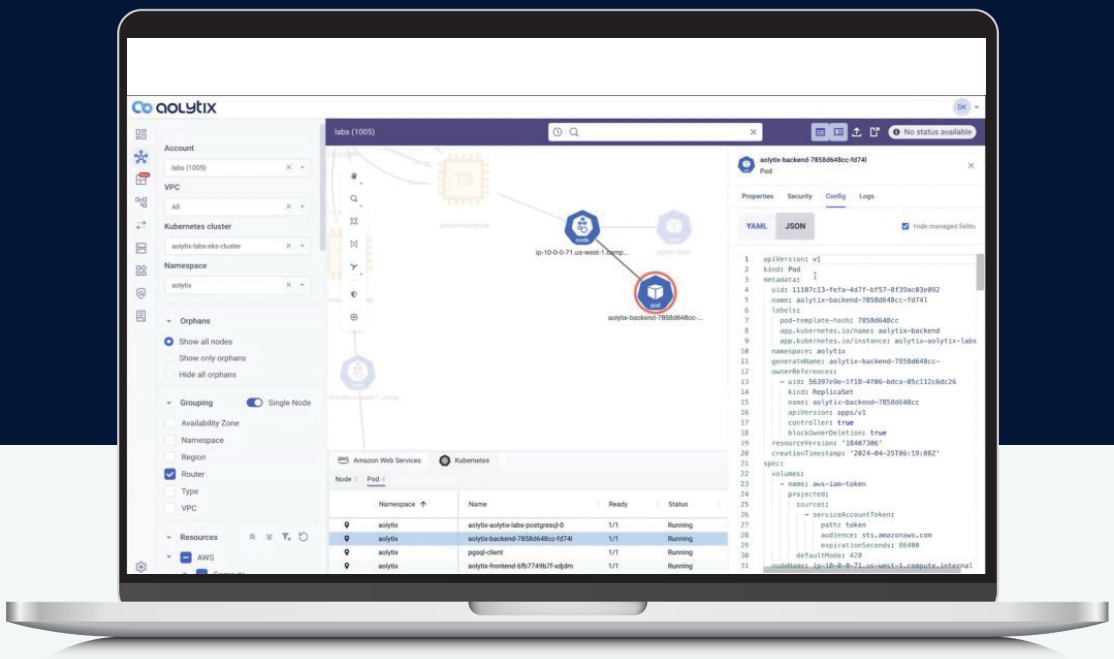
Agile LABS

Always Evolving



Aolytix

Advanced analytics platform with AI-powered insights for data-driven decision making

Aolytix is an agent-less security posture platform that turns raw AWS and Kubernetes configuration data into interactive network maps, real-time misconfiguration alerts, and exportable audit evidence. By visualizing complex cloud relationships, detecting risky settings, and auto-generating compliance-ready diagrams, it gives operators instant clarity and control across even the largest multicloud estates.

Mission Alignment

Mission Need

Federal teams must prove continuous FedRAMP, STIG, and CMMC compliance while defending dynamic cloud workloads.

The Challenge

Misconfigurations now drive 80% of breaches, yet legacy scanners lack holistic topology insight and create audit bottlenecks.

Our Solution

Aolytix unifies visual mapping, proactive risk detection, and one-click reporting so security and DevSecOps crews can spot, prioritize, and document issues at mission speed.

Key Benefits

Visualize full cloud & cluster topology in seconds

Surface misconfigurations before attackers exploit them

Cut audit prep time with exportable diagrams/reports

Operate agent-free via native cloud APIs with no downtime

Support disconnected ops via lightweight desktop client

Feature Breakdown

Interactive Topology Mapping

Aolytix automatically discovers EC2 instances, RDS databases, IAM roles, Kubernetes nodes, pods, and their traffic paths, rendering an intuitive relationship graph. Analysts can drill into any node for tags, policies, or isolate a subset to reduce noise, delivering rapid situational awareness during incident response or architecture reviews.

Proactive Risk Detection & Embedded Alerts

Continuous scans flag insecure access controls, open ports, default credentials, and policy drift. Alerts appear directly on the map, showing blast radius and dependency chains, while YAML rules let teams codify mission-specific checks (e.g., “block pods running :latest”). This visual, context-rich approach slashes mean-time-to-remediate compared with log-only tools.

Audit-Ready Reporting & Offline Operations

The platform generates live architecture diagrams and JMESPath-driven reports that export as PDF or PNG—streamlining evidence packages for FedRAMP, NIST 800-53, or CMMC Level 2-5 audits. A companion desktop application supports offline analysis for field operators or classified enclaves, ensuring compliance visibility even under denied connectivity.

About Agile Defense

Agile Defense stands at the forefront of innovation, driving advanced capabilities and solutions tailored to the most critical national security and civilian missions. Whether developing specialized solutions, contextualizing data, or strengthening cybersecurity, our expertise is instrumental in safeguarding our nation’s sensitive assets.

Bring It On →
Connect & Engage with Agile Defense!

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