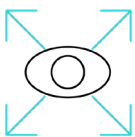


Know your environment. Control your risk.

AI is accelerating the threat — in volume, velocity, and sophistication of attacks. Traditional detection engineering can't keep pace, leaving security teams fighting today's threats with generic rules written for every environment and optimized for none.

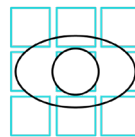
Vellox Ranger continuously maps your environment to generate detection logic tailored to your systems, telemetry, existing controls, and real-world exposure. By identifying what is relevant, observable, and actionable within your environment, it produces prioritized detection rules designed to integrate with your existing security stack and delivered through human-in-the-loop workflows. As your environment evolves, Vellox Ranger recalculates and adapts detection logic to reflect the updated terrain—helping maintain aligned coverage while keeping review and deployment decisions in your team's control.

Key Benefits



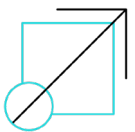
Attacker-Aligned Visibility for Precise Defense

Maps your environment the way attackers see it, identifying exploitable paths and vulnerabilities based on the actual state of your infrastructure.



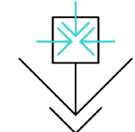
Reduced Detection Drift

Minimizes stale and outdated detections by continuously reevaluating the rule base against evolving environment data, telemetry context, and existing coverage.



Continuously Aligned Detection Coverage

Recalculates detection logic as environment data changes, helping ensure coverage stays aligned to evolving conditions while preserving engineer review and deployment control.



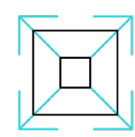
Defense that Learns and Sharpens Over Time

Feeds engineer modifications and insights back into its intelligence, building sharper coverage with every iteration and improving future detection outputs.



Governed Detection Logic

Generates prioritized detection rules that surface relevant adversary activity—delivered through workflows that ensure teams can review changes before deployment.



Seamless Integration, Enterprise-Scale Performance

Delivers environment-specific detections through the tools and governance workflows you already use.

Key Product Features

Environment Model Construction

Builds a working model of your assets, topology, vulnerabilities, telemetry context, and existing detection coverage from customer-provided or synced data. This model informs ATT&CK-aligned prioritization and environment-specific detection logic.

Topology Driven Rule Generation

Rules are generated and ranked based on what is exposed, observable, and relevant in your environment, not generic threat assumptions. The environment informs the logic and sets the priority.

Automatic Ruleset Recalibration

When new files are uploaded or connected sources are synced, Vellox Ranger reruns the detection engineering pipeline and proposes new or improved rules against the updated environment model.

Threat Intelligence Filtering

Incorporates cyber threat intelligence (CTI) and contextualizes it within your environment to ensure only relevant threats drive detection rule generation. CTI is pre-indexed and can be refreshed through supported workflows, rather than streamed continuously from external live feeds.

Human-Governed Rule Delivery

Generates detection logic and stages rule changes through GitHub pull requests or GitLab merge requests, enabling teams to inspect, modify, approve, or reject rules prior to deployment.

Continuous Rule Hygiene & Feedback

Uses existing rules, analyst edits, comments, descriptions, and review decisions as context to continuously improve future detection outputs and reduce redundancy over time.

Booz Allen

About Booz Allen

Booz Allen is an advanced technology company. We build commercial-grade products and solutions for America's most critical defense, civil, and national security priorities.

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Request a demo to see Vellox Ranger in action.

Experience how Vellox Ranger understands your environment to create detection logic deployable through workflows you trust.

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