SOLUTION BRIEF

From Reactive to Proactive: Automating External Risk Reduction with Censys and Swimlane

Summary

Security teams are managing increasingly dynamic internet-facing environments where assets change constantly and gaps in awareness create risk.

Censys and Swimlane combine attack surface intelligence with security automation to help organizations identify exposed assets, enrich alerts with external context, and automate remediation workflows. Censys provides continuous insight into internet-facing infrastructure, services, certificates, and cloud exposure through Censys Platform and Attack Surface Management (ASM) capabilities, while Swimlane streamlines investigations and operational workflows through automation and orchestration.

Together, the integrated solution helps teams reduce internet-facing risk, accelerate investigations, and improve operational efficiency.

Customer Challenges

Organizations struggle to maintain an accurate understanding of their internet-facing environment as cloud adoption, hybrid infrastructure, and decentralized IT continue to expand.

Security teams often lack insight into exposed assets, shadow IT, unmanaged services, and configuration drift. At the same time, manual enrichment and disconnected workflows slow investigations and increase analyst workload.

Without reliable external context and automated remediation processes, teams face slower investigations, inconsistent prioritization, and growing operational overhead.

Joint Solution Overview

Censys and Swimlane combine attack surface intelligence with security automation to help organizations identify and reduce internet-facing risk faster.

Through integration with the Censys Platform and Censys ASM, Swimlane automatically enriches alerts and workflows with real-time context on exposed assets, services, certificates, cloud infrastructure, and historical exposure data. Analysts gain immediate insight into external risk without relying on manual investigation across multiple tools.

Swimlane Turbine uses this intelligence to automate enrichment, investigations, case management, escalation, and remediation workflows across the security ecosystem. By combining Censys intelligence with Swimlane orchestration and automation, organizations can streamline operations, improve prioritization, reduce manual effort, and accelerate remediation.

The integration helps organizations operationalize attack surface management at scale while improving SOC efficiency and reducing external risk.

Key Business Outcomes

- Continuous insight into internet-facing risk
- Faster investigations and remediation
- Reduced manual effort through automation
- Improved asset context and prioritization
- Stronger attack surface management and risk reduction

Key Personas

Security Leadership

SOC Teams

Threat Intelligence Teams

Cloud Security Teams

Exposure Management Teams

Use Cases

Automated Alert Enrichment
Enrich alerts with external asset intelligence, exposure details, services, and certificates to improve triage speed and accuracy.

Investigation Support
Give analysts direct access to external exposure and historical asset data during investigations.

Historical Exposure Tracking
Track changes in internet-facing assets over time to support risk analysis and remediation validation.

External Attack Surface Monitoring
Continuously identify newly exposed assets, shadow IT, exposed services, and configuration changes.

Automated Remediation Workflows
Trigger automated remediation actions based on ASM findings, including ticketing, escalation, and notifications.

Why This Joint Solution Matters

This integration helps organizations move from reactive operations to proactive exposure management. By combining external intelligence with automation, security teams can:

- Reduce internet-facing risk
- Respond faster to threats
- Improve operational efficiency
- Strengthen attack surface management programs

The solution supports initiatives such as Zero Trust, SOC modernization, and Continuous Threat Exposure Management (CTEM), delivering greater value than disconnected point solutions.

Request a Demo

See how Censys and Swimlane drive faster, more efficient security operations.

Contact Censys

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censys

VISIT
censys.com

CONTACT
hello@censys.com

Censys is the authority for Internet intelligence and insights. Delivering the most complete, accurate, and up-to-date global map of Internet infrastructure, Censys provides industry leading solutions for attack surface management, threat hunting, and proactive incident response. Global governments, Fortune 500 companies, and security providers around the world trust Censys to uncover risks faster, respond more effectively, and prevent breaches before they happen.