

# Integrated External Attack Surface Discovery and Exposure Management with Censys and Seemplicity

Enterprise organizations face a rapidly expanding external attack surface driven by cloud adoption, digital transformation, and ephemeral infrastructure. Security teams depend on dozens of tools to identify risk and manage remediation, yet gaps often remain between discovering exposure and taking action. These disconnects slow response, increase operational friction, and leave organizations exposed longer than necessary.

The Censys and Seemplicity integration closes this gap by unifying continuous external attack surface intelligence with automated exposure management. Powered by continuous scanning and the Censys Internet Map, Censys delivers comprehensive visibility into internet-facing assets, services, ports, and exposures. Seemplicity operationalizes this intelligence by adding business and technical context, assigning clear ownership, and coordinating remediation through automated workflows. Together, the platforms help organizations reduce external risk faster, improve operational efficiency, and turn exposure intelligence into measurable risk reduction.

## Customer Challenges

**Strategic:** Cloud sprawl, hybrid environments, mergers and acquisitions, and constant change make it difficult to maintain an accurate, continuously updated view of what is exposed to the internet.

**Security:** Gaps in visibility into internet-facing assets, including services running on nonstandard or high-numbered ports that are only observable through internet-wide scanning that other tools routinely miss, make it harder to prioritize remediation and increase overall exposure and compliance risk.

**Operational:** Manual handoffs, fragmented tools, alert fatigue, and unclear ownership delay remediation and allow external exposures to persist.


## Joint Solution Overview


Censys is the authority for internet intelligence, continuously mapping global internet infrastructure through the Censys Internet Map. Powered by daily internet-wide scanning, Censys delivers continuous visibility into an organization's external attack surface revealing every internet-facing asset, service, certificate, port, and misconfiguration so security teams can see exactly what attackers see.


Seemplicity moves teams from detection to action with AI agents that continuously consolidate and deduplicate findings, prioritize exposures in context, and coordinate remediation workflows across IT, cloud, and engineering.


The integration connects Censys discovery directly into Seemplicity workflows, creating a seamless path from exposure identification to validated remediation. Security leaders, SOC teams, and security engineering organizations gain a unified, actionable view of external risk and remediation progress.


## Key Business Outcomes

 **Reduced external risk** through continuous discovery and automated remediation

 **Faster remediation** of critical internet-facing exposures

 **Improved operational efficiency** by eliminating manual coordination and handoffs

 **Stronger collaboration** across security, IT, and engineering teams

 **Executive-ready reporting** that demonstrates risk reduction over time

# Primary Use Cases

## Forgotten or Unmanaged Assets

- ✦ **Challenge:** Unknown internet-facing assets increase exposure and compliance risk.
- ✦ **Integrated Outcome:** Comprehensive discovery paired with automated ownership and remediation.
- ✦ **Technical Workflow:** Censys identifies unmanaged assets; Seemplicity routes remediation tasks to the appropriate teams and tracks resolution.

## Exposure Overload

- ✦ **Challenge:** High volumes of external findings overwhelm security teams
- ✦ **Integrated Outcome:** Prioritized, de-duplicated remediation workflows with clear accountability.
- ✦ **Technical Workflow:** Censys exposure data is enriched and prioritized in Seemplicity, then distributed through automated workflows.

## Zero-Day Response

- ✦ **Challenge:** Emerging vulnerabilities demand rapid identification and coordinated response.
- ✦ **Integrated Outcome:** Accelerated detection and remediation of affected external assets.
- ✦ **Technical Workflow:** Censys identifies impacted assets and supports response with timely exposure intelligence; Seemplicity orchestrates remediation and tracks time-to-fix across teams.

## Schedule a Demo

Learn how Censys and Seemplicity can help your organization move from exposure to remediation at scale.

[Contact Seemplicity](#) ➤

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## Technical Integration Summary

Censys continuously discovers internet-facing assets, services, ports, and exposures using the Censys Internet Map and shares this intelligence with Seemplicity via secure APIs. Seemplicity enriches Censys findings with business context such as ownership and severity, prioritizes risk, and orchestrates remediation workflows automatically.

Remediation tasks are created and tracked in existing enterprise systems such as Jira and ServiceNow, ensuring accountability and transparency across teams. Continuous monitoring validates progress by confirming when exposures are no longer observed. The integration is cloud-native, agentless, and designed for rapid time-to-value with minimal operational overhead.

## Deployment and Integration Model

The Censys and Seemplicity integration is enabled through simple API configuration and can be deployed in minutes. No agents are required, and organizations can leverage existing ticketing and workflow systems for immediate operational impact.

## Summary

Censys and Seemplicity deliver a unified approach to managing external attack surface risk by directly connecting discovery with remediation. By eliminating silos between exposure identification and action, security teams can respond faster, reduce risk more effectively, and operate with greater confidence in their dynamic environments.



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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.