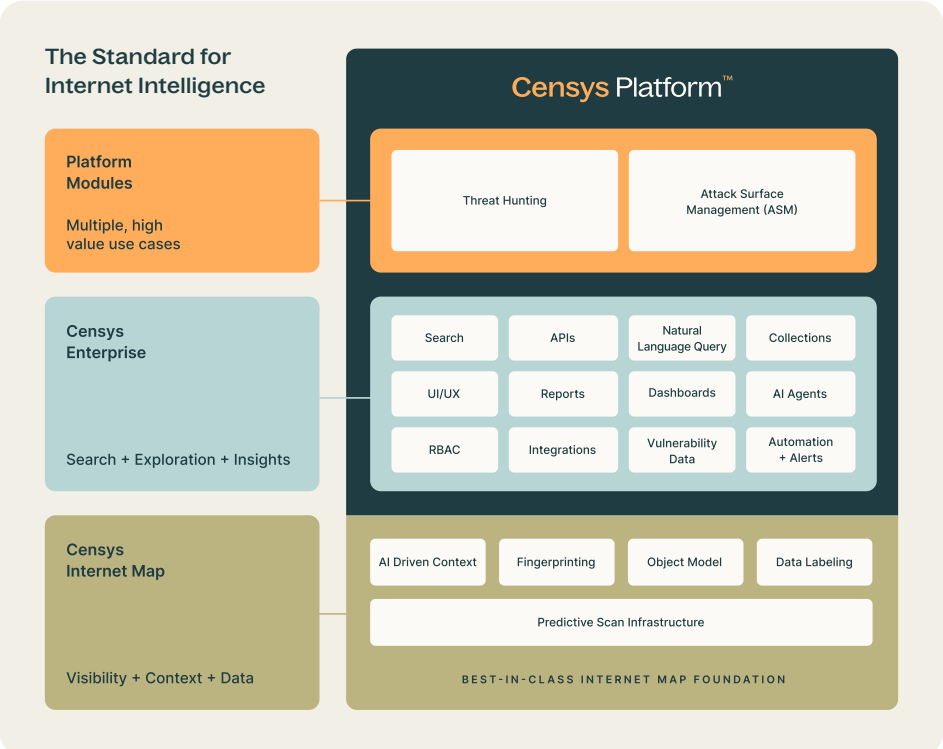
censys

Censys Platform

The One Place to Understand Everything on the Internet

Uncover risks, track threats, and respond with confidence.

Censys Platform is the foundation for intelligence-led security operations, empowering security teams to discover, detect, analyze, and respond to threats with precision and speed. Powered by the Censys Internet Map that continuously scans the global internet infrastructure, Censys delivers real-time visibility on exposed assets, adversary infrastructure, and evolving attack vectors. Censys combines high-fidelity data, AI-driven insights, and a deep understanding of both enterprise security and adversary behavior to empower security teams to stay ahead of emerging threats. By automating discovery of actionable intelligence and surfacing the most relevant risks, Censys reduces manual effort and keeps teams prioritized on the most critical threats. Whether you're scaling a mature program or just getting started, Censys has the data and the insights needed to power investigations and secure your organization against the most sophisticated threats.



Key Use Cases

- Comprehensive Internet Visibility
- Advanced Threat Hunting
- Forensics and Incident Response
- Phishing Infrastructure Detection and Brand Protection
- Supplier Risk Monitoring
- Cyber Insurance Compliance
- Proactive Security Operations
- Streamlined Certificate Management
- Ransomware Defense
- Shadow IT
- Cloud Asset Discovery
- Exposure and Risk Management
- Security Framework and Compliance
- Merger, Acquisition and Subsidiary

Who We Are

Complete

Comprehensive Visibility Across the Internet

- AI-Driven Scanning across all 65,535 ports
- World's largest X.509 certificate repository with over 17B certificates

Updates Services 10X Faster

Accurate

High-Fidelity Data You Can Trust

- Daily refresh on over 5B running services eliminating false positives
- Identifying and scanning websites by name for complete visibility

More than 2X Accurate as the Closest Competitor

Relevant

Prioritized Intelligence for Your Mission

- Alert on what you care about, instantly with Collections
- Expansive protocol coverage covering every major industry, as a result we see medical devices, industrial control systems (ICS), IOT, databases, and more

1/3 of Competitor Services Reported as Non-Unique

Timely

Rapid Insights for Proactive Defense

- X.509 database has timely enrichment details including revocation status and browser trust
- Daily comprehensive scans of the top 100+ ports

Discover Services 7X Faster

What Sets Us Apart

- **High-Fidelity Internet Intelligence:** Delivered by the Censys Internet Map and transformed into insights on the Censys Platform
- **Automated Threat Investigation Capabilities:** Map adversary networks, uncover hidden relationships and track attacker behaviors over time.
- **Developer First Architecture:** Robust APIs, SDKs, and seamless integration enabling security teams and developers to automate workflows, enrich threat intelligence and embed Censys data into existing security ecosystems including SIEMs, SOARs, TIPs, ticketing, and more.

Censys provides security teams with the ability to detect and neutralize attacker infrastructure, pinpoint and address vulnerabilities before they can be exploited, and bolster overall defensive strategies.

The Platform provides comprehensive visibility into internet-connected assets and potential threats and enables organizations to take a proactive approach to security, staying one step ahead of malicious actors and safeguarding their critical systems and data.

The Censys Difference

The Differentiator	Why It Matters
Industry Leading Internet Intelligence	With the most advanced scanning infrastructure and techniques, dispersed across 3 continents and 7 Tier 1 ISPs, Censys provides the most comprehensive and up-to-date visibility of hosts and services on the global internet.
Extensive Port Coverage	Daily scanning on the most active ports and cloud services, and weekly coverage the rest, Censys provides the most complete view of running services on every port of every host allowing analysts to identify risks and detect threats.
Automatic Protocol Detection	Censys performs a fingerprint analysis of services to identify protocols regardless of port assignment. This allows analysts to discover obfuscated communication channels such as SSH running on a non-standard port to avoid detection.
Detailed Historical Data Access	Historical internet intelligence data enables retroactive research and insights into TTP evolution, which is crucial for security practitioners to build detection indicators to prevent future breaches. This data provides context to an Internet facing asset's behavior over time, allowing practitioners to preemptively act against malicious activity.
Structured Data and Advanced Platform Capabilities	Our robust data collection and tactical Platform capabilities, with over 1,000 parsed and indexed fields, allow analysts to craft sophisticated queries to detect threats, identify patterns, and understand trends across the Internet.
Collections	Easily monitor and track changes across internet-facing infrastructure with Collections. With a simple, intuitive interface and the ability to collaborate with team members, security teams can create custom collections and receive real-time alerts to infrastructure changes that matter to their organization.
Web Properties	Censys uniquely links together IPs, domains, and hosts to reveal the full structure of a web application, not just the root page. This approach identifies vulnerabilities and risks, helping security teams find hidden login pages, misconfigurations, and attacker infrastructure across non-root endpoints.
Seamless Integration	Automate actions and threat data across your security stack with purpose-built integrations that provide security teams with actionable intelligence they can share with SIEMs, SOARs, or TIPs so they can automate actions across.
Vulnerability Data	Included for customers on Censys Enterprise, Vulnerability Data provides contextually rich CVE insights, so security teams have the context they need to prioritize and remediate vulnerabilities.
AI-Powered Query Assistant	Now anyone can log into Censys and use AI and natural language to search for the data they need, no query syntax language learning required.
Hardware/Software/OS	By providing detailed visibility into the software, hardware, and OS behind exposed assets, Censys enables organizations to uncover supply chain risks, identify end-of-life components, and make smarter decisions using enriched confidence fields and lifecycle data.

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Censys' mission is to be the one place to understand everything on the internet. Frustrated by the lack of trustworthy Internet intelligence, we set out to create the industry's most comprehensive, accurate, and up-to-date map of the Internet. Today, Censys delivers real-time Internet intelligence and actionable threat insights to global governments, over 50% of the Fortune 500, and leading threat intelligence providers worldwide.