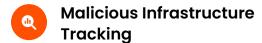# Internet Intelligence Platform

The Censys Internet Intelligence Platform is the trusted leader in global internet infrastructure data, offering unmatched visibility to empower governments and organizations to manage attack surfaces, prevent ransomware, track threat actors, and protect critical infrastructure from today's most critical security threats.

Core Use Cases

Malicious Infrastructure Tracking
Use our C2 Dataset, JA4 fingerprints, and TLS details to pinpoint attacker infrastructure, such as botnet servers, before campaigns launch.

Critical Infrastructure Oversight
Identify, analyze, and monitor changes in essential systems, identifying vulnerabilities like unpatched servers or exposed RDP.

Proactive Cyber Insurance
Assess the security posture of insured entities by identifying misconfigurations or exposed services, such as open SMB or SQL ports.

External Attack Surface Management
Discover and assess exposed assets, like shadow IT or unencrypted login pages, to mitigate risks such as ransomware or misconfigurations.

Advanced Threat Hunting
Identify indicators of compromise and detect patterns in infrastructure, like specific x.509 certificates or common hosting regions, to proactively block domains or enhance detection rules.

Strengthen Brand Protection
Track unauthorized certificates and domain names spoofing your organization to detect phishing campaigns and protect against reputational damage.

Forensics and Incident Response
Investigate security incidents by reconstructing the attack timeline and understanding adversary tactics through internet infrastructure analysis.

Enhance Third-Party Risk Monitoring
Assess the security posture of third-party vendors and partners by identifying exposed assets or misconfigurations, minimizing supply chain vulnerabilities.

The Power Behind the Censys Platform

You can't protect what you can't see, and Censys stands out with unmatched internet visibility and accuracy. As the engine powering our platform, the Censys Internet Map offers the most comprehensive and up-to-date view of hosts and services on the global internet, along with detailed context to identify host types, understand asset connections and configurations, and enable a proactive defense.

Unmatched Data Freshness

Daily internet scans and refreshes on billions of services result in an average scan data age of ~16 hours, eliminating false positives.

Automatic Protocol Detection

100+ deep protocol scanners identify protocols by analyzing application layer data and observing service behavior.

Research-Backed Predictive Scanning

Discovery scans are regularly conducted across all 65,000 ports, capturing exposed services, even on obscure and non-standard ports.

Comprehensive Global Visibility

Peering with 7 Tier-1 ISPs across 3 regions, covering 99% of listening hosts globally, and ensuring resilience against packet drop.

Trusted by the U.S. Government & Over 50% of the Fortune 500

Get Started Today

Censys empowers security teams to discover and prioritize critical assets with unmatched visibility and accuracy, seamlessly integrating with existing tools and automating workflows for efficient, proactive defense. See Censys in action.

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Censys is the leading Internet Intelligence Platform for Threat Hunting and Attack Surface Management, known for discovering assets six times faster than its closest competitor. Censys offers the most comprehensive, accurate, and up-to-date map of the internet available with daily refreshes of billions of services and the world's largest certificate database empowering our customers to proactively discover, prioritize and remediate threats. Established by the creators of ZMap and trusted by the U.S. Government, along with over 50% of the Fortune 500, Censys' mission is to be the one place to understand everything on the internet.