

# Cisco Secure Application for AppDynamics



**2,244**

Avg. attacks per day



**9 months**

Avg. time to identify breach

Digital businesses are navigating an increasingly dynamic landscape where they must innovate with speed while mitigating an unprecedented rise in malicious security threats. Hackers attack every 39 seconds, on average 2,244 times a day<sup>1</sup>. In 2022, the average time to identify and contain a breach was 277 days<sup>2</sup>. In addition to rising security risks, modern applications grow in complexity as organizations embrace cloud technologies to harness flexibility and cost benefits. Traditional perimeter-based application and security monitoring tools aren't keeping pace and leave application and security teams siloed and guessing. As such, security risks remain a major challenge. Cisco Secure Application adds a layer of security and becomes an integral part of a comprehensive monitoring strategy from within the application runtime.

## Catch exploits in moments—not months

Secure production applications from the inside-out to detect and block incidents automatically at runtime so users and the business stay happy and safe. With its ability to see individual lines of code being executed, Cisco Secure Application provides actionable insights regardless of where the application is hosted or where the traffic originated, all while leveraging the existing, trusted and installed APM agent. In addition, Cisco Secure Application compliments perimeter security products such as WAFs and NGWAFs.

<sup>1</sup> University of Maryland. Hackers attack every 39 seconds. <https://eng.umd.edu/news/story/study-hackers-attack-every-39-seconds>.

<sup>2</sup> IBM. Cost of Data Breach 2022. <https://www.ibm.com/reports/data-breach>

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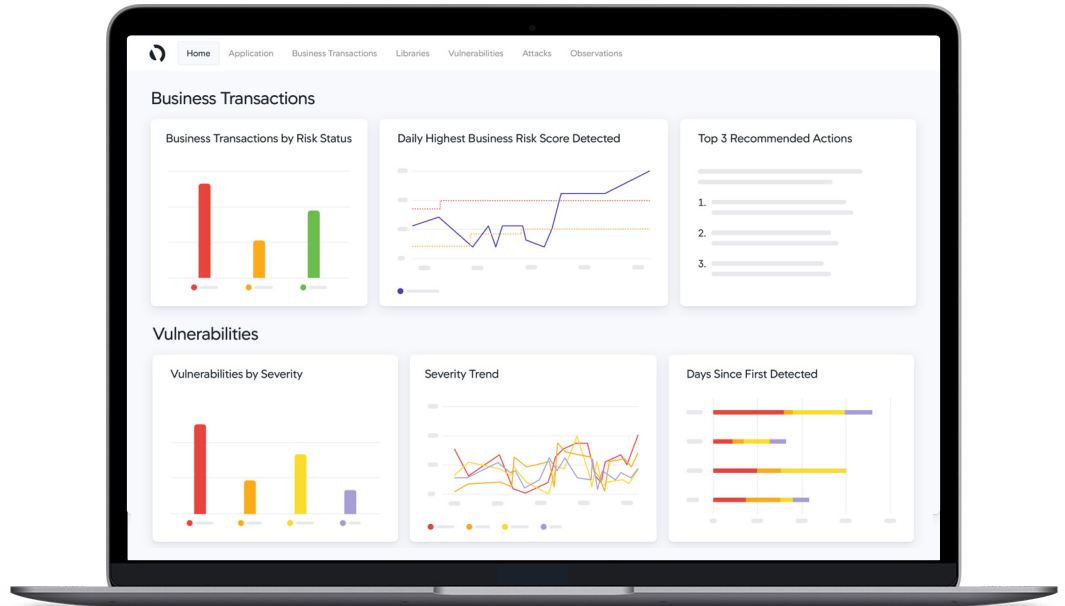
**Business transaction mapping** locates how and where an attack may occur within common application workflows like *login*, *checkout*, or *complete payment* to instantly understand the potential impact to the application and bottom line.



**Security intelligence feeds** from Cisco Talos, Kenna and Panoptica provide valuable risk scores from multiple sources to assess the likelihood of threat exploits.



**Business risk scoring** combines threat and vulnerability intelligence, business impact and runtime behavior to identify the most pressing risks, avoiding delays and accelerating response across teams.



**Reduce risk without compromising accelerated delivery**

Traditionally, vulnerability scanning happens before an application is launched to production and then again on a monthly or quarterly cadence. However, the moment an app is deployed to production, new security holes and zero-day exploits can make an application vulnerable despite pre-production testing. Cisco Secure Application ensures vulnerability assessment and protection by continuously scanning code as it's being executed, to prevent exploits.

**Unify teams. Move faster. Avoid surprises.**

Simplify the life cycle of vulnerability fixes and security incidents by creating shared context across application and security teams.

- Operations teams overseeing performance monitoring gain real-time access to all security events.
- AppSec and Developers gain insights into best practice violations for better collaboration and frictionless resolutions.
- Organizations can operate faster with a lower risk profile due to security automation, run-time protection and real-time remediation capabilities.

Learn more about how our solutions can meet your needs.

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