Avocado Reveal Use Cases

Avocado Reveal delivers transformational business value in three key areas that are crucial to today's app-based economy: app vulnerability discovery, simplifying DevSecOps and version change management.

This revolutionary new app discovery and visibility solution automates discovery of pre-production app vulnerabilities and delivers comprehensive visibility across your entire IT landscape - down to the tiniest micro attack surfaces. Reveal transforms your app dev process and frequently pays for itself within months or less!

Use Case 1: Discovery & Visibility

Comprehensive application discovery and resulting visibility data accelerates your existing threat modeling solution from months to minutes.

Problem/Challenge:
Current threat modeling solutions are highly manual, requiring months of meetings and hundreds of employee hours to evaluate vulnerabilities. Sadly, the results are almost immediately outdated and frequently only includes app-level analysis.

Solution:
Reveal automates deep discovery down to the smallest "pico" level, scanning your entire app landscape at all three tiers: web, app, and database. It examines how these components are communicating with each other and flags any suspicious behavior. It does all of this automatically, collecting threat profile data that can be easily fed into any third-party threat modeler.

Key Benefits:
- Reduces costs and employee hours by up to 80%, while speeding app time to market
- Eliminates costly human error for new apps and app updates, including legacy apps; identifies unintended rogue communications between the applications
- Always current run-time threat data – Reveal runs continuously to instantly produce on-demand vulnerability reports or JSON files that are easily ingested by a third-party threat modeler

Use Case 2: DevSecOps Testing

Streamline DevSecOps with automated run-time testing to identify and manage security risks associated with vulnerabilities discovered in running web, app and DB tiers.

Problem/Challenge:
Most organizations are only manually testing and architectural diagraming the apps, using various applications and inputs from team members. The process is time consuming and human

error can cause gaps in the testing processes and miss security vulnerabilities, especially with legacy apps, that can enable lateral malware to spread.

Solution:
Reveal delivers a comprehensive pre-production list of app vulnerabilities, even for legacy apps, without changing the app code or recompiling. It integrates into any app or app development process to perform durability testing, composition analysis, and continuous discovery of vulnerabilities across your entire application stack. Reveal enables complete and continuous visibility into all three tiers, web, app and database, so your threat profiling information is always current to stop security issues before they move to production.

Key Benefits:
- Deepen and dramatically streamline the DevSecOps run-time testing process for new apps and version updates with immediate, comprehensive lists of pre-production vulnerabilities
- Support for current and legacy apps written in any language.
  Eliminates probability of human related errors.

Use Case 3: Application Change Management

Identify vulnerability and communication changes across the application stack between two releases, during DevSecOps.

Problem/Challenge:
Are you unintentionally opening a back door for a threat to get into your apps and databases? Code changes or codes from open source can introduce critical security gaps. With thousands of programmers and millions of lines of code, who can keep track, especially when you add in open source?

Solution:
The Reveal Application Change Management feature instantly identifies crucial new security and compliance gaps between app versions and releases – even for legacy apps. It displays same screen, side-by-side comparisons in table and graphical formats and provides a report for all web servers, back-end servers, and databases, that shows suspicious communications and other suspect behaviors. Rather than just passively scanning code, Reveal is the only security application that runs the code in a dev test, run-time environment to find vulnerabilities in pre-production before your application ships.

Key Benefits:
- Instantly reports on each software update, covering version, known problems, and fixed problems.
- Exposes internal communications loopholes and vulnerabilities in both open source and in-house applications.
- Streamlines what can be 120 hours of testing, in a matter of hours

For more information on how Reveal can help your business, contact us at XXX-XXX-XXXX.