

Insider Threat Detection

What hidden threats are lurking under the surface of your code?

The greatest danger to your software may not be the threats you can see—but the ones you can't.

We'll help you uncover

- Backdoors
- Cross-organization insider threat actors (aka malicious developers)
- Rootkit-like behavior
- Suspicious constructs in production binaries, configurations, and data
- Time bombs
- Trojan horses

We take an innovative, systematic approach to neutralize potential malicious code before it can be activated to trigger an attack or exfiltrate data.

Dive deeper into your code

We combine Static Application Security Testing (SAST) and binary scanning to uncover any code in any part of a software system or script that may appear normal but actually is intended to cause undesired effects such as security breaches or damage to a system.

1. Understand

Our experts conduct client interviews to understand the SDLC and vulnerability management program.

2. Analyze

Our experts analyze the binary or source code through SAST using our own tools to identify points of interest. They also conduct a manual analysis to determine if the points of interest contain potentially malicious code.

3. Recommend

At the end, we compile a final report with points of interest suspected of containing malicious code and a suspicion rating for each. Finally, we provide recommendations to help you choose the best way to resolve them.

Our Insider Threat Detection enables you to...

- Find suspicious constructs in production binaries, configurations, and data.
- Identify malicious code that typical security tools won't find because there are no vulnerability markers.
- Discover cross-organization insider threat actors (e.g., system administrator and IT operations, configuration and change management, and developer).
- Get expert advice on appropriate methods of malicious code management and typical vulnerability remediation strategies.

We'll always guide you out of danger

The best part is that we don't just hand over your results and walk away. We explain how and why all suspected points are potentially malicious code, offer advice to help you manage the discovered malicious code, and provide effective vulnerability remediation strategies.

The Synopsys difference

Synopsys provides integrated solutions that transform the way you build and deliver software, accelerating innovation while addressing business risk. With Synopsys, your developers can secure code as fast as they write it. Your development and DevSecOps teams can automate testing within development pipelines without compromising velocity. And your security teams can proactively manage risk and focus remediation efforts on what matters most to your organization. Our unmatched expertise helps you plan and execute any security initiative. Only Synopsys offers everything you need to build trust in your software.

For more information, go to www.synopsys.com/software.