



REINING IN RISK

Are Third-Party Components Compromising Application Security?

As the use of third-party software components continues to rise, so do the associated risks. And few organizations are taking the simple steps needed to mitigate those risks. How can you ensure the security of apps that include third-party components?

EVERYONE IS USING COMPONENTS... AND THEY'RE USING LOTS OF THEM:



93%
of application developers are using third-party code...

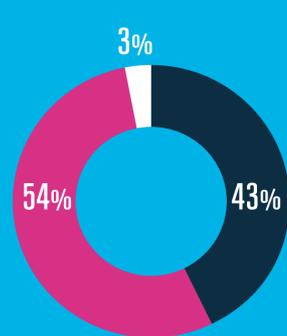


and they're using **70+**
components per app

SECURITY BREACHES CONTINUE TO MAKE HEADLINES

With code being released to customers/production an average of three times per week, the risks — including security breaches — are compounding.

Developers don't know security best practices as well as they should.



Familiarity with OWASP recommendations for preventing the use of components with known vulnerabilities:

- I am very aware
- I am somewhat aware
- I am not at all aware



OWASP is generally seen as the application security standard, yet

22% of software designers are “not at all familiar” with OWASP’s top 10 application risks.

TOP CONSIDERATIONS WHEN CHOOSING COMPONENTS:

1



Functionality

2



Speed

3



Cost

4



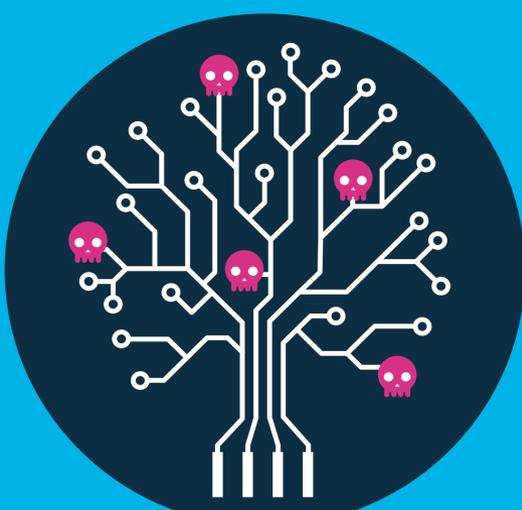
Known security vulnerabilities

BY RANKING SECURITY FOURTH, organizations are essentially buying fast, affordable, high-performance cars and driving them without seat belts or airbags.

➔ Only half of organizations keep inventories of all components and subcomponents.

➔ And only about half are updating components *even when security vulnerabilities are reported*.

You can't secure your apps or respond to cyberattacks when you don't know what components are in your apps — and what components are in your components.



Only about **43%** of organizations are implementing software composition analysis, leaving plenty of room for maturing processes around component inventory.



Third-party components can speed development and free up developers' time to innovate. **But it's essential that security be built into the SDLC** when using these components. Doing so helps protect your applications — and your organization.

SCAN FOR BEST PRACTICES

Read “**The Trials and Tribulations of Component Security: Are Your Organizations at Risk?**” now to understand the risks and learn best practices for securing your apps.

