

IMPROVING RMF PRACTICES THROUGH AUTOMATION

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USE OF OPEN SOURCE COMPONENTS IS EXPLODING



31 billion component download requests last year



Government agencies consume **229,000 components** annually



90% of an application is now composed of open source components

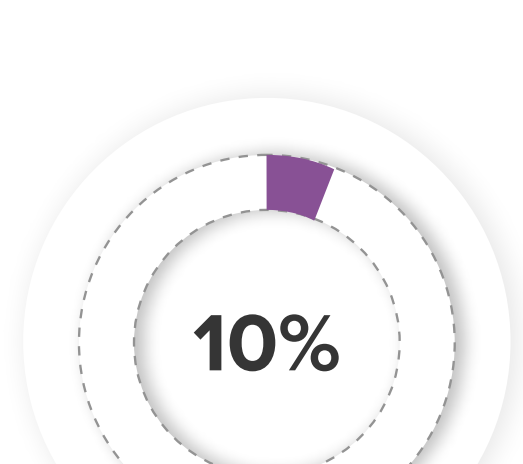
... NOT ALL COMPONENTS ARE CREATED EQUAL



1 in 15 components in use have known vulnerabilities

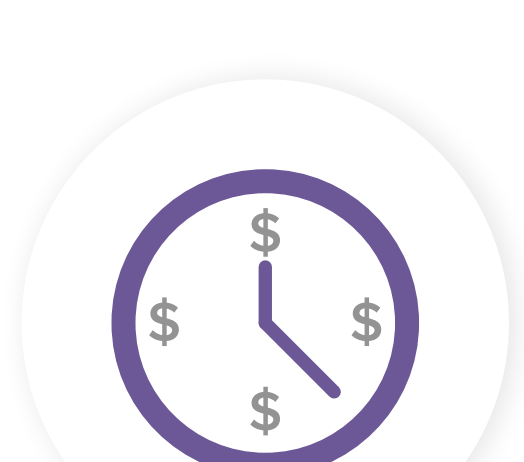


Older components have **3x rate** of vulnerabilities



Static and dynamic analysis **inspects 10%** (source code), **neglecting 90%** (OSS components) of an application.

...DEPENDENCE ON COMPONENTS HAS OUT PACED SECURITY

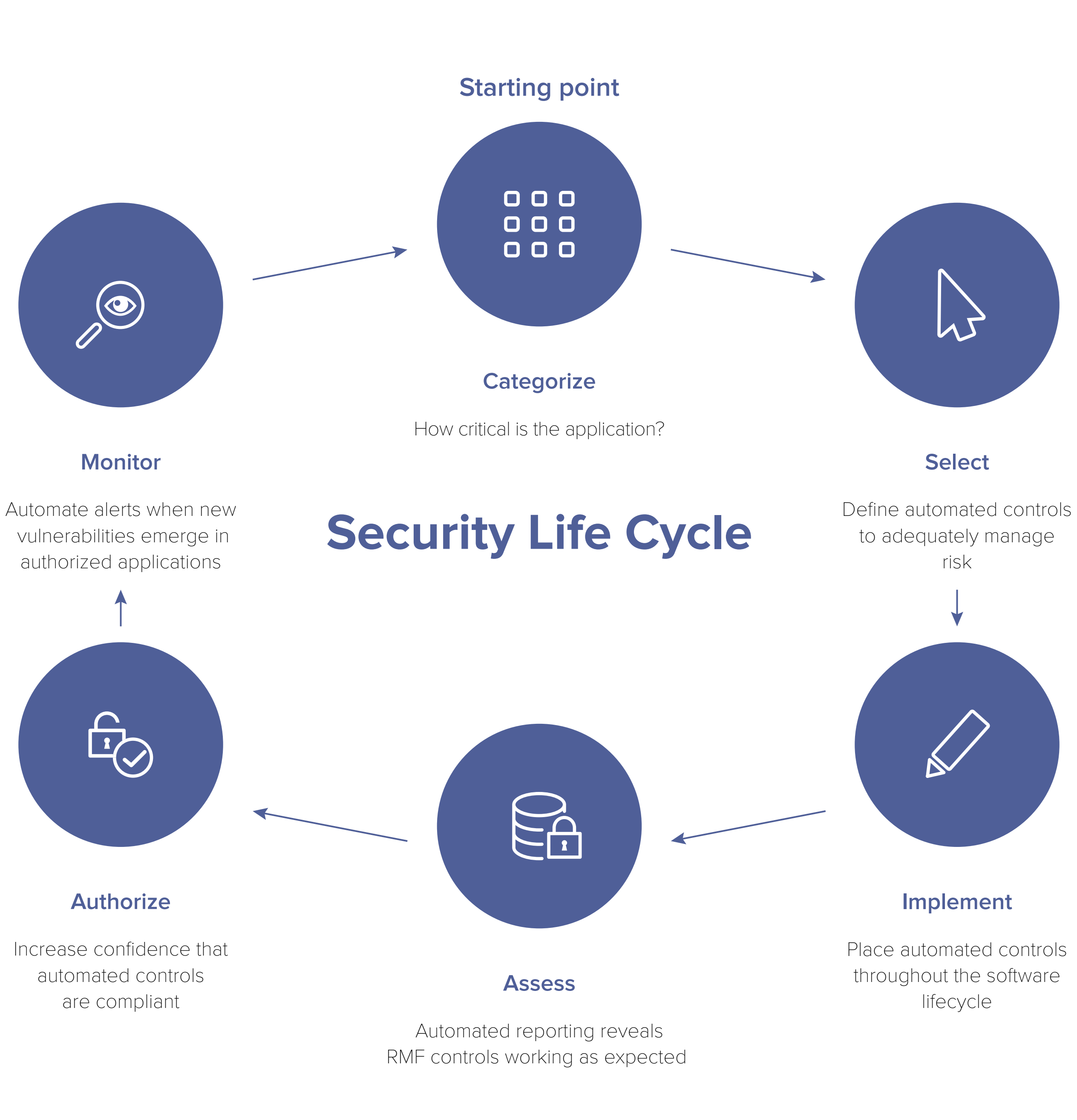


A Heartbleed impact assessment for one agency required **six weeks and millions of dollars**



Best-in-class agencies can assess entire application portfolios within minutes.

SMART AGENCIES AUTOMATE RMF PRACTICES TO MINIMIZE APPLICATION RISK



... SMART AGENCIES AUTOMATE SOFTWARE SUPPLY CHAIN HYGIENE



- Smart Agencies use the highest quality components
- Smart Agencies use fewer and better component suppliers
- Smart Agencies continuously track when and where components are used

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