

# SHIFT SECURITY PRACTICES LEFT. ALL THE WAY LEFT.

## WINNERS INNOVATE, LOSERS DON'T:

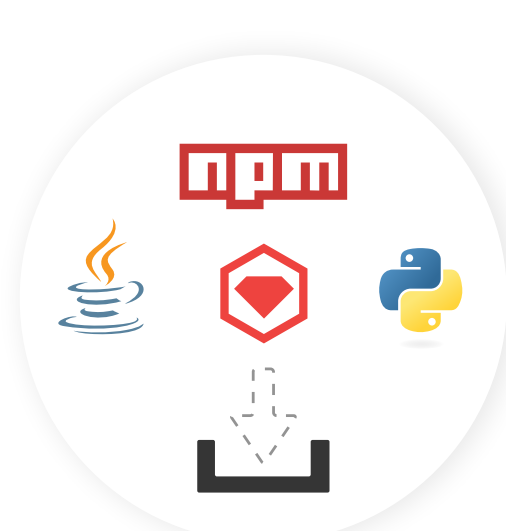
The best and the brightest use precise open source component intelligence early, everywhere, and at scale.

## HERE'S WHY:

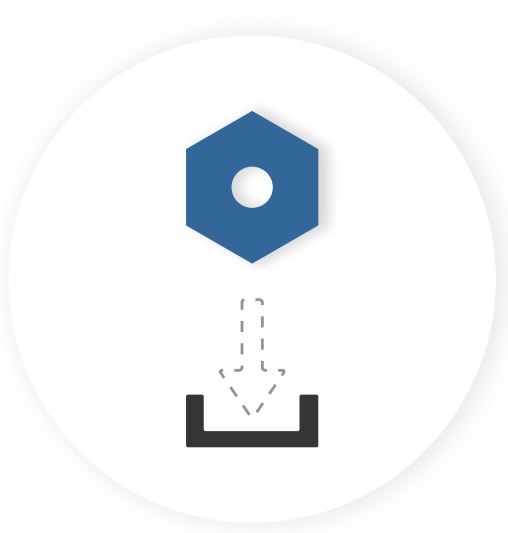
Open source component usage is massive and it's growing.



**7,000 new projects and 70,000** open source components (versions) are released every week



**Over 100 billion download** requests of Java, npm, PyPI, and RubyGems in 2016



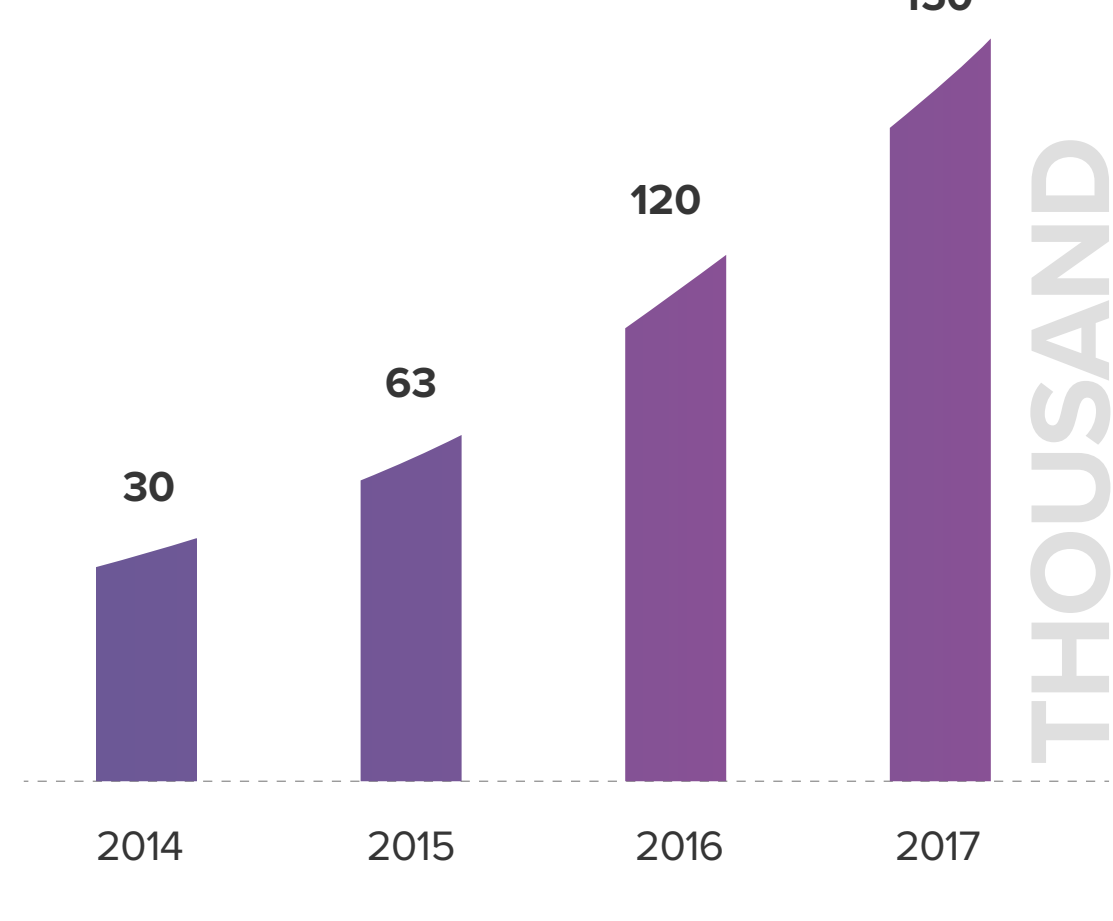
**200,000+** components downloaded by an average company annually



**80%** of an application is made up of open source components

## IT MUST BE MANAGED.

The best organizations manage component sourcing through repository managers. The rest employ free-for-all-methods.



**30,000 → 150,000** growth in the number of active instances of **Nexus Repository** in the last 4 years.

## IT MUST BE SECURE.

How do the best organizations harness all the good and none of the bad?



**1 in 16** open source component downloads contain a known security vulnerability



**40%** of organizations are increasing their level of component analysis using **Repository Health Check (RHC)**



**23,000** organizations use RHC daily to measure the 58 million components living inside local repositories

## IT MUST BE AUTOMATED.

According to Gartner:

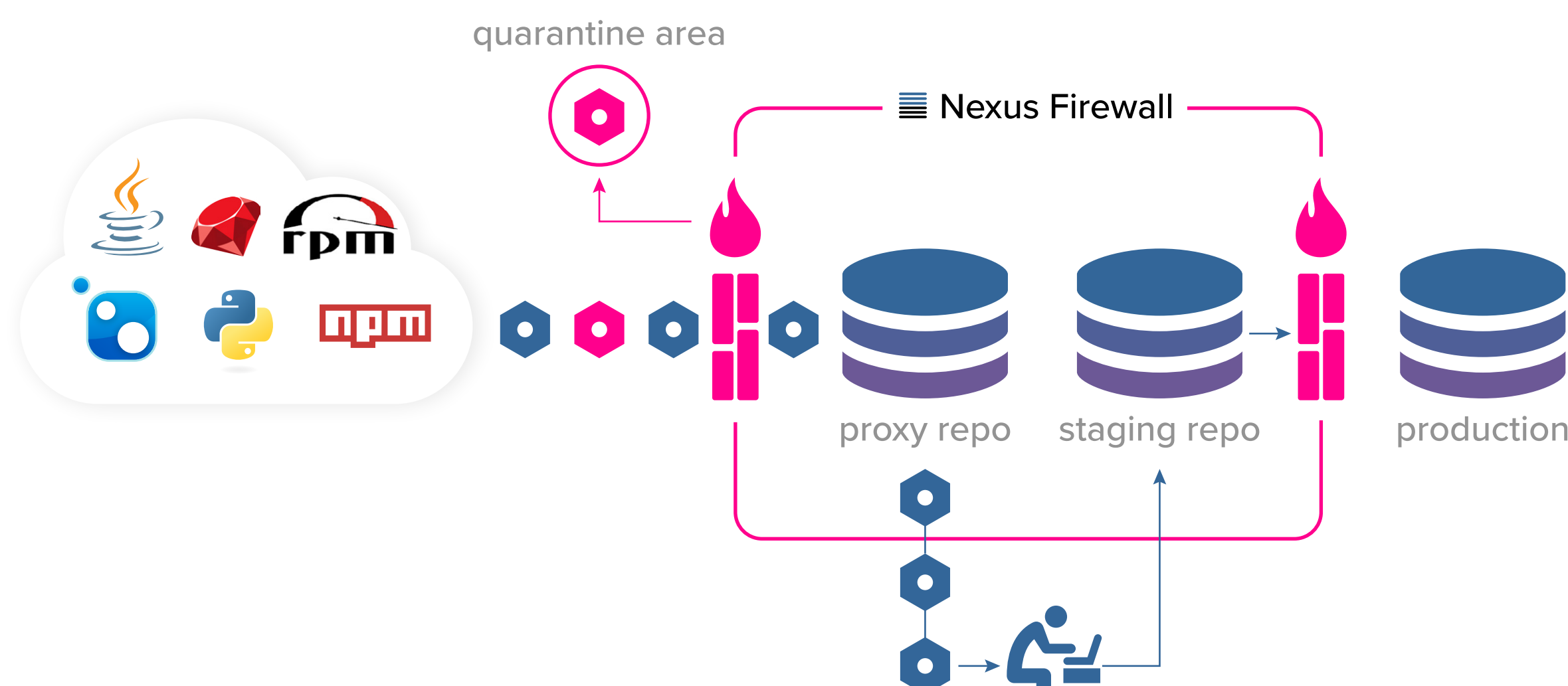
- By 2019, more than **70% of enterprise DevOps initiatives will have incorporated automated security vulnerability** and configuration scanning for open source components
- “Implement an **‘OSS firewall’** to proactively prevent developers from downloading known vulnerable code.”

## BUILD QUALITY IN FROM THE START.

Create value early in the development process by automatically blocking defective components with **Nexus Firewall**.

Easily identify good components from bad components and block the bad ones from entering your repository through customized policies.

quarantine area



## LEARN MORE

- Watch the video: [Block Bad Components Using Nexus Firewall](#)
- Read the Gartner report - [DevSecOps: Seamlessly Integrate Security into DevOps](#)
- Know the research - [Enable Perimeter Defense for Software Development](#)
- Watch the presentation - [A financial services organization shares their use of Nexus Firewall](#)