For the 12th version of the State of Software Security report, we leveraged the full historical data from Veracode services and customers. This accounts for a total of more than half a million applications that used a variety of scan types. All these scans produced 42 million raw static findings, 3.5 million raw dynamic findings, and 6 million raw software composition analysis findings.

Here’s a snapshot of what the data shows about the state of software security today.

1. **The Number of Apps Scanned Has Tripled**
   Organizations are scanning triple the number of applications and quarter than they were scanning a decade ago.

2. **Microservices**
   In 2018, roughly 20 percent of applications incorporated multiple languages. This year, less than 5 percent of apps used multiple languages, suggesting a pivot to smaller, one-language applications or microservices.

3. **Scan Cadence**
   Continuous testing and integration, which includes security scanning in pipelines, is becoming the norm.

4. **Flaw Prevalence**
   Over the past four years, the percent of libraries with known flaws dropped from 35 percent to less than 10 percent. The trend across all applications is a general reduction in flaw prevalence.

5. **Open Source**
   On a positive note, there is a noticeable improvement in time to remediation for third-party flaws. Back in 2017, it would take over three years to get to the 50 percent (half-life) closed point, and now it takes just over a year.

6. **Multiple Scan Types**
   We’ve seen a 31 percent increase in the use of multiple scan types between 2018 and 2021, with much of that gain coming from organizations using the full suite of static, dynamic, and SCA scans.

7. **Veracode Security Labs**
   On average, organizations that use Veracode Security Labs training decrease their time to fix the top 50 percent of flaws by 35 percent.