



# FlexNet Code Aware

## Automated Open Source Risk Assessment and Package Discovery Solution

### Benefits to Your Organization:

- Help developers expose and assess IP and vulnerability risks at the build stage, before product ships.
- Set the foundation for a vulnerability-free build while ensuring a smooth, error-free installation.
- Quickly scan and discover open source software and third-party packages in your build.
- Determine your product's level of operational risk and receive guidance for remediation.

We've all heard the stories about software products that had to be pulled from the market right before they ship. Or the undiscovered software security vulnerability (*remember Heartbleed?*) that put millions of software users at risk. If you're using InstallShield® or InstallAnywhere® to build your installations, you can help prevent this from happening to one of your products by adding FlexNet® Code Aware™ into your build process.

Designed for software developers, FlexNet Code Aware is an automated open source risk assessment and package discovery solution that enables you to quickly scan your products for security and intellectual property (IP) compliance risk. By seamlessly integrating with InstallShield and InstallAnywhere, FlexNet Code Aware helps expose and assess intellectual property and security vulnerability risks before your product releases.

Combine FlexNet Code Aware with InstallShield or InstallAnywhere to set the foundation for a vulnerability-free build while ensuring a smooth, error-free installation.

### Open Source Software: Increased Usage Brings Increased Complexity

Research has revealed that more than 50% of the code found in most commercial software packages shipped today is open source. But many software vendors are typically aware of less than 10% of the open source software they use in their products. You may feel confident that the issue is under control, or you may not even realize that there is an issue at all. Even significant network security may not be sufficient to mitigate your risk; 84% of all cyber attacks happen at the application layer.

### FlexNet Code Aware Highlights

- **Perform Fast Automated Scans of Your Products** - Quickly scan your product every time you run a build and FlexNet Code

Aware will automatically discover your use of open source and third-party packages and calculate your operational risk. Because FlexNet Code Aware is integrated with InstallShield and InstallAnywhere, you are made aware of potential open source software security and license compliance issues before your product releases, ensuring a vulnerability-free build and an error-free installation.

- **Quickly Identify Open Source and Third-Party Packages** - Scanning is simple. Just run a scan from your InstallShield or InstallAnywhere project and FlexNet Code Aware will quickly identify the number of open source and third-party packages in your product.



Figure 1: Perform fast, automated scans of your products.

- **Assess Your Level of Operational Risk** - After you run your scan, you are quickly provided with the leading operational risk indicators such as the number of open source packages identified with security vulnerabilities, intellectual property license compliance issues and copyright statements to determine your product's level of operational risk and receive guidance for remediation.

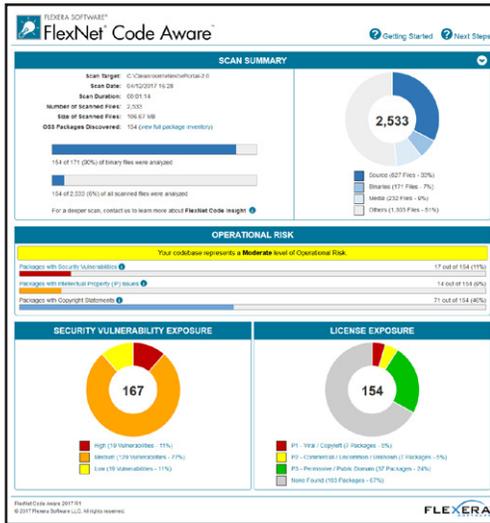


Figure 2: Easy-to-use reports show operational risk plus security vulnerability and license exposure.

- Identify Security and License Issues with the Package Inventory Report** - The Package Inventory Report provides an analysis of your open source and third-party packages and dependencies. It organizes results by severity of security vulnerabilities as well as priority of detected licenses. The filter panel at the top of the report allows you to perform targeted queries to filter the list to packages of interest.

Package	License	Vendor	Vulnerabilities	Copyrights
stubs 1.2.7	Apache-2.0	Apache	7	None Found
commons-beanutils	Apache-1.1	Apache	5	None Found
commons-collections 3.2.1	Apache-2.0	Apache	1	None Found
net-0.0.1	AGPL-3.0	None Found	0	None Found
cglib-nodep 2.1.3	Apache-2.0	None Found	0	None Found
log4j 1.2.14	Apache-2.0	Apache	0	None Found
commons-beanutils 1.7.0	Apache-2.0	Apache	0	None Found
commons-httpclient 3.0.1	Apache-2.0	Apache	0	None Found
commons-logging 1.0.3	Apache-1.1	Apache	0	None Found
paperclip	MIT	None Found	0	1

Figure 3: Quickly identify open source and third-party packages.

## Requirements

- FlexNet Code Aware is an add-on to InstallShield, or InstallAnywhere. System requirements are identical to those for InstallShield or InstallAnywhere.
- JRE8 is required for the FlexNet Code Aware scan.

## FlexNet Code Insight: Complete Software Composition Analysis Solution

To further reduce your open source software license compliance and security vulnerability risk, consider expanding the scope of analysis begun with FlexNet Code Aware to include all the files in your codebase (*source, binaries, media and others*). Providing an end-to-end system for development, legal and security teams to set and manage policies for use of open source and third-party software, FlexNet Code Insight includes in-depth analysis, from package discovery to deep forensic analysis of source and embedded OSS and third-party content in binary files. With FlexNet Code Insight, you can quickly and continuously identify your open source use across all your products for ongoing security and risk management.

## About Flexera Software

Flexera Software helps application producers and enterprises manage application usage and increase the value they derive from their software. Our next-generation software licensing, compliance, security and installation solutions are essential to ensure continuous licensing compliance, optimize software investments and future-proof businesses against the risks and costs of constantly changing technology. Over 80,000 customers turn to Flexera Software as a trusted and neutral source for the knowledge and expertise we have gained as the marketplace leader for over 25 years and for the automation and intelligence designed into our products.

## Next Steps:

For more information, visit [www.flexerasoftware.com](http://www.flexerasoftware.com) or call 1 (800) 809-5659.



Flexera Software LLC  
 (Global Headquarters):  
 +1 800-809-5659

United Kingdom (Europe,  
 Middle East Headquarters):  
 +44 870-871-1111  
 +44 870-873-6300

Australia (Asia,  
 Pacific Headquarters):  
 +61 3-9895-2000

For more office locations visit:  
[www.flexerasoftware.com](http://www.flexerasoftware.com)