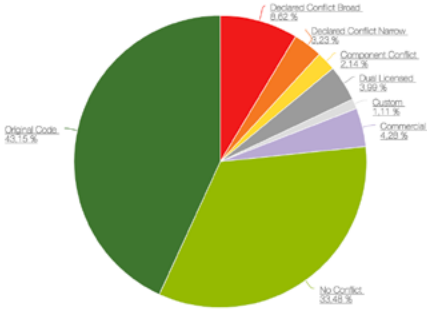
BLACKDUCK BY SYNOPSYS

Black Duck On-Demand Audits

Uncover potential legal, operational, and security issues with unknown open source and third-party components and licenses with the help of the most comprehensive analysis available



LICENSE STATUS	LICENSE CATE...	FILES	%
Declared Conflict (Broader Reach)	Conflicts	886	8.62
Declared Conflict (Narrower Reach)	Conflicts	332	3.23
Component Conflict	Conflicts	220	2.14
Dual Licensed (Commercial vs. Conflict)	Research	410	3.99
Custom	Research	114	1.11
Third Party Commercial	Research	440	4.28
No Conflict	OK to Use	3,442	33.48
Original Code	OK to Use	4,436	43.15

If you are pursuing an acquisition, an investment, or a divestiture, or if you are on the sell side or looking for funding, you need a responsive, trusted, experienced partner to help you understand the risks associated with open source components in software assets.

Black Duck On-Demand audits help your business, legal, security, and engineering teams

- Mitigate potential legal exposure by uncovering unknown or undeclared open source software (OSS) and third-party code.
- Detect license conflicts, security vulnerabilities and other risks that may impact software asset values.
- Identify encryption technologies that may restrict the legal export of software.
- Understand potential issues before they impact an M&A transaction.
- Get an overall sense of how well software development is managed.

With over two dozen experienced auditors, the Black Duck by Synopsys team performs more than 50 audits each month, giving it unmatched scale in the industry. We regularly delight customers caught in the rush of an acquisition and happily meet what a recent client referred to as "unfair demands." From first contact, clients see that Black Duck can "move at the speed of transactions," providing them comfort that we will help navigate any bumps in the road to the deal.

After over 10 years of flawless audits, Black Duck is the trusted gold standard among M&A professionals. Our reputation enables us to quickly establish contractual and logistical arrangements. Buyers and sellers alike know that a Black Duck report is the de facto standard for assessing open source risk. The quality of our audits is a function of both our team and our tools. Black Duck's patented technologies and unrivaled KnowledgeBase combine to equip our expert auditors with the best tools in the field. The result is the most comprehensive report available.

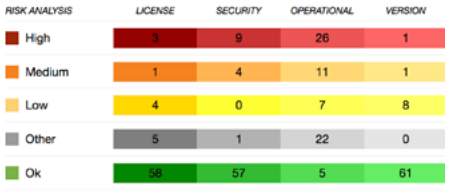
How it works

Open Source Audit

Our Open Source Audit provides the most comprehensive and reliable assessment available. By comparing the codebase to the Black Duck KnowledgeBase™ using a range of matching techniques, we generate a software bill of materials (BoM) that includes license obligations and conflict analysis. After the audit process, we deliver you login credentials for a highly secure, interactive online report, which we review with you in detail. The report includes these features

- A list of components (and their locations) identified in the code, including full components, files, and even snippets
- Details on each component

"ADP has successfully used Black Duck for audits for many years, but recently they [did] what we thought was the impossible, a next day delivery. . . . It's really important for us to have a partner that can bail us out in such a pinch."



RISK ANALYSIS	LICENSE	SECURITY	OPERATIONAL	VERSION
High	3	9	26	1
Medium	1	4	11	1
Low	4	0	7	8
Other	5	1	22	0
Ok	58	57	5	61

- Software dependencies
- Licenses in effect, classified by permissiveness, with full text and associated obligations
- Potential license conflicts based on usage models

Open Source Risk Assessment

In addition to an assessment of license risk, the optional OSRA report enhances the view of risks in the codebase to include known security vulnerabilities as well as operational risks. The report can be used as a high-level action plan to help you prioritize research and potential remediation across the various categories of risk.

Encryption Audits

An Encryption Audit identifies encryption technologies that can impact and restrict the legal export of acquired software. Black Duck can identify all the encryption functions in your proprietary, open source, or other third-party software components. This allows you to disclose the proper information to government regulators to assure compliance with export regulations.

Code Quality Audits

In addition to identifying what open source is used within a codebase, Black Duck can also help you assess code quality, reusability, and documentation, among other factors. Black Duck Code Quality Audits provide all this and more:

- High-quality assessments using static analysis tools and manual code review, with comparisons to industry benchmarks
- A review of development practices, including coding standards, processes, and tools
- Recommendations and considerations for how to improve code quality while reducing software development and maintenance costs

Post-audit services

After your remediation process, Black Duck can perform a verification rescan to verify that problems uncovered in the audit have been addressed. Customers of our internal audits sometimes ask us to perform rescans simply to update results based on additions to and changes in their codebase.

The Synopsys difference

Synopsys helps development teams build secure, high-quality software, minimizing risks while maximizing speed and productivity. Synopsys, a recognized leader in application security, provides static analysis, software composition analysis, and dynamic analysis solutions that enable teams to quickly find and fix vulnerabilities and defects in proprietary code, open source components, and application behavior. With a combination of industry-leading tools, services, and expertise, only Synopsys helps organizations optimize security and quality in DevSecOps and throughout the software development life cycle.

For more information, go to www.synopsys.com/software.

Synopsys, Inc.
185 Berry Street, Suite 6500
San Francisco, CA 94107 USA

U.S. Sales: 800.873.8193
International Sales: +1 415.321.5237
Email: sig-info@synopsys.com

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