

Open Source Audits

Fast, Robust Assessment for M&A and Due Diligence Events

Open source software audits play an integral role in Merger and Acquisition (M&A) events and all internal and external due diligence efforts.

Software audit services from Revenera quickly discover open source license compliance and security vulnerability issues in all software applications.

Over the last 15+ years our auditors partnered with a diverse range of companies to help them better understand the composition of their codebase and the associated risks related to their proprietary and third-party components.

"Revenera's audit team reacted within hours when a critical contribution to an open source community required quick turnaround on a forensic code scan of a large collection of micro-service code. Adding to the complexity, due to budgetary constraints, we required a relatively strong estimate before the work could begin. Revenera met the deadline and budget estimate which allowed us to meet ours! Great work!"

—DELL TECHNOLOGIES



KEY BENEFITS:

- Complete analysis of third-party and proprietary software allows you to fully understand open source license compliance
- Avoid potential costly litigation and mitigate risk by detecting evidence of license non-compliance and security issues
- Detailed, comprehensive Bill of Materials (BOM) prioritizes all components and dependencies for updating and remediation
- Audit professionals work hand-in-hand with internal resources to offer best practice consultative services
- Flexible audit services solutions to meet your needs

Know What's in Your Code

In today's software development environment, the use of open source software is a competitive advantage. Companies can reduce costs, accelerate time-to-market, access global software innovation, and differentiate products. Leveraging this opportunity, however, comes with the responsibility to comply with complicated licensing terms in order to avoid infringement claims of improper use.

Data tells us most companies on an ongoing basis struggle to manage the third-party IP within their codebase, and to do so during due diligence events such as M&A creates an even more complex, heightened situation when time and money is of critical importance.

Reverera's software audit consultants serve as an independent resource to help your business and legal teams mitigate legal exposure by discovering unknown open source software and third-party code. Using FlexNet Code Insight—a state-of-the-art scanning tool—backed by technical expertise, proven processes, and insights into your environment, Reverera is the only partner you need to help you navigate the technical due diligence related to open source software.

Reverera Professional Services at a Glance
Industry recognized due-diligence audit teams.
We follow the highest security and confidentiality standards.
We offer a fair and objective, third-party opinion of audit results and remediation recommendations.
We offer deep domain expertise by uncovering subcomponents hidden within components, cut and pasted source code and identification of multimedia items (images and sources), and embedded binary libraries.

Standard Audit Services

Standard Audit Services from Reverera get you to a secure and compliant state by identifying all major open source and commercial components in your applications and report on evidence of explicit viral and copyleft licenses, copyrights, exact file matches to known open source content, and binary files.

The most common situations for requesting these audits are:

- **Supplier code:** Your team needs to vet code from an external supplier.
- **IP litigation:** You're in need of supporting materials for IP litigation efforts.
- **Open sourcing projects:** Your organization is releasing a software project or solution under an open source license.
- **Key development milestones:** You are about to release product and need to ensure both compliance and security.

Forensic Audit Services

There are specific situations when a Forensic Audit—deep analysis—is needed. The first is when the cost of accidental infringement would be too high and extra caution up front is warranted to off-set potential costly litigation or loss of reputation down the road. The second is when circumstances suggest that normal signs of third-party use—such as copyrights or license text—may have been removed.

In addition to the detection techniques used in a Standard Audit, a Forensic Audit also makes extensive use of source code fingerprint analysis to identify copy and pastes of source code, examination of email addresses and URLs, and expanded search terms.

Reverera Audit Services Deliverables	Evidence Coverage Types
<p>STANDARD AUDIT</p> <p>Standard level audit identifies explicit priority 1 licenses and large third-party components</p>	<ul style="list-style-type: none"> ■ Explicit Priority 1 Licenses ■ Copyrights ■ Exact Matches ■ Binary Files
<p>FORENSIC AUDIT</p> <p>Forensic level is the deepest approach. All evidence types are examined.</p>	<ul style="list-style-type: none"> ■ Explicit Priority 1 Licenses ■ Copyrights ■ Exact Matches ■ Binary Files ■ Emails/Urls ■ Expanded Search Terms ■ Source Code Snippet ■ Matches

Report and Review Findings

Once your audit is complete our team provides you with a documented analysis of open source license policy violations and detailed Bill of Materials (BOM).

The report includes:

- All open source and third-party components identified in the code, along with supported evidence as needed to validate the findings
- All licenses in use in your code prioritized by their viral nature—copyleft, copyright, and permissive
- License and security vulnerability information on discovered components (available upon request)

After the report is delivered, Revenera will conduct a review to discuss all findings while emphasizing higher priority issues. And, once the audit engagement concludes, all materials in Revenera's possession are deleted, unless specific arrangements were made with you to preserve them.

Integrated, End-to-End Scanning Solution

Revenera audit professionals combine their industry experience with the most robust open source scanning tool available—FlexNet Code Insight. Code Insight is a complete open source license compliance and security platform that enables our auditors to never miss evidence of open source and provide an accurate, reliable inventory.

Our Experience, Your Advantage

In M&A and most all due diligence efforts, time and communication are critical. Revenera Open Source Software Audit Services combined with our experienced team of audit consultants and FlexNet Code Insight—the most powerful software scanning tool available in the industry—are designed to minimize your license compliance, IP and security risks, and accelerate the decision-making process.

Revenera provides the enabling technology to take products to market fast, unlock the value of your IP and accelerate revenue growth—from the edge to the cloud. www.revenera.com