



Build Trust in Your Software

Black Duck Solutions for Application Security



Software risk is agency-wide risk






Software is at the core of digital transformation, enabling you to create value for your constituents in new, innovative ways. However, software introduces cybersecurity supply chain risk management risks that need to be managed at the same velocity as software development itself. This places new demands on software security. Black Duck® builds trust in software by enabling you to manage application security, quality, and compliance risks at the speed your mission demands. Our next-generation application security (AppSec) solutions provide a comprehensive view of software risk across your portfolio, allowing you to proactively manage risk and focus on what matters most to your organization.

Leverage the industry’s most comprehensive portfolio

Building trust requires you to secure everything that goes into your software. Black Duck offers the most comprehensive set of application security testing (AST) tools to detect security, quality, and compliance issues in proprietary code, open source, and third-party dependencies; application behavior; and deployment configurations. Whether delivered on premises or in a software-as-a-service (SaaS) model, each tool is the recognized market leader in its respective category, making Black Duck the natural choice for AST solutions. As a commitment to serving federal agency requirements, Black Duck is currently preparing our SaaS model for the FedRAMP authorization process. Our objective is to achieve a moderate or high rating in this process. We are also an accepted technology in Iron Bank, part of the Department of Defense’s Platform One.

- **Software composition analysis (SCA).** Black Duck Polaris™ fAST SCA (SaaS) and Black Duck® SCA (on premises) detect and manage open source and third-party component risks and produce the Software Bill of Materials (SBOM) required for software supply chain initiatives and regulatory requirements. Black Duck uniquely identifies open source in container images and binaries, and it can identify code snippets and licensing issues introduced by AI code-generation tools.
- **Static application security testing (SAST).** Polaris fAST Static provides a SaaS solution that is readily integrated into development workflows. Coverity® Static Analysis provides on-premises support that extends coverage to critical quality defects and regulatory and compliance testing. Both solutions detect security weaknesses in your proprietary code and infrastructure-as-code files early in the software development life cycle, when they’re least expensive to remediate.
- **Dynamic application security testing (DAST).** Polaris fAST Dynamic is a SaaS-based, innovative solution providing preproduction dynamic analysis for modern development environments and languages. Black Duck® Continuous Dynamic safely and efficiently performs continuous dynamic analysis on production applications, testing software in the same state as attackers.
- **Seeker® Interactive Analysis.** Our interactive application security testing (IAST) solution gives you unparalleled visibility into your web app security posture and identifies vulnerability trends against compliance standards. It enables security teams to identify and track sensitive data to ensure that it is handled securely and not stored in log files or databases with weak or no encryption.
- **Application security posture management (ASPM).** Software Risk Manager™ creates a single source of truth for AST by providing a unified repository for the findings of over 150+ testing solutions, delivering a centralized view of software risk for your agency—what was tested, what was found, and what was fixed. Software Risk Manager gives developers prioritized guidance on what to fix first, helping them make sense of the growing volume of findings.

Black Duck provides a complete AppSec portfolio to address your needs

 <p>Integrated SaaS Platform Black Duck Polaris™ Platform</p> <table border="1"><tr><td>Static Analysis fAST Static</td><td>Open Source Analysis fAST SCA</td></tr><tr><td>Dynamic Analysis fAST Dynamic</td><td>Continuous Analysis Continuous Dynamic</td></tr></table> <p>Polaris Assist – leverages generative AI to simplify and streamline application security testing analysis and remediation</p>	Static Analysis fAST Static	Open Source Analysis fAST SCA	Dynamic Analysis fAST Dynamic	Continuous Analysis Continuous Dynamic	 <p>AppSec Posture Management Software Risk Manager™</p> <table border="1"><tr><td>Static Analysis Coverity</td><td>Open Source Analysis Black Duck SCA</td></tr><tr><td>Interactive AST Seeker</td><td>Fuzzing Defensics</td></tr></table> <p>Open Platform – orchestrates tests and aggregates findings from 135+ third-party OSS tools</p>	Static Analysis Coverity	Open Source Analysis Black Duck SCA	Interactive AST Seeker	Fuzzing Defensics
Static Analysis fAST Static	Open Source Analysis fAST SCA								
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 <p>Industry-leading analysis engines</p>	 <p>DevOps integrations: IDE, SCM, CI, and issue trackers</p>	 <p>Policy, prioritization, and insights</p>							

Deliver secure, high-quality code faster

Development velocity is key to mission success. Your security and risk management efforts can't jeopardize development timelines or compromise your digital transformation. You need to test software at the right time and at the right level, and then prioritize findings for remediation. Black Duck goes beyond testing tools to help teams transform from a waterfall culture into a DevOps-driven risk-aware development program, focused on remediation of the issues that matter most to your agency.

- **Comprehensive DevSecOps integrations.** Integrations readily incorporate software testing into DevOps toolchains, including source code management like GitHub and GitLab, binary repositories like Artifactory and Docker, workflow tools like Jira, and continuous integration like CloudBees and Jenkins.
- **The industry's only open platform.** Software Risk Manager unifies policy, orchestration, prioritization, and correlation for over 150+ Black Duck, third-party, and open source tools. Black Duck enables agencies to utilize existing testing processes while facilitating transitions for those that want to consolidate AST solutions.

Risk-based approach to security

Our portfolio can help your agency support a risk-based approach to security, which aligns to the underlying principles of FISMA and to frameworks such as The National Institute of Standards and Technology (NIST) Risk Management Framework and Cybersecurity Framework.

Beyond tools: experts to help you build trust

To fully understand and mitigate your software risk, you need more than tools. By aligning people, processes, and technology in a comprehensive AppSec program, you can address security risks across your agency and at all stages of the application life cycle.

Black Duck stands alone in offering industry-leading solutions and services to help you build and optimize your AppSec program.

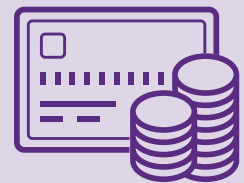
- **Strategy and planning.** Build a strong foundation for your AppSec program, communicate security and quality requirements across teams, and measure key results.
- **Threat and risk assessments.** Adopt an attacker's perspective to identify threats against your software and systems, and measure your agency's attack readiness. Our Cybersecurity Assessment service is aligned to the widely adopted NIST Cybersecurity Framework (CSF), allowing agencies to better understand their cybersecurity risks and vulnerabilities, prioritize their cybersecurity investments, and ultimately enhance their overall security posture.
- **Open source audits.** Ensure the financial and reputational success of any M&A transaction with Black Duck Audits, which can identify and assess open source and third-party components, licenses, and vulnerabilities.
- **Security training.** Develop the skills to create and maintain secure, high-quality software across every role in your development organization, with a variety of training methods that fit your learning goals and schedule.
- **Consulting.** Access hundreds of subject matter experts to help you integrate quality and security best practices, tools, and strategies into your unique technology stack.
- **Customer success.** Achieve your AppSec goals by tapping into our dedicated product experts, support teams, online resources, and network of Black Duck customers.
- **Penetration testing.** Flexible and scalable on-demand testing performed by security experts, tailored to meet changing requirements and evolving threats.

Black Duck is the recognized AST leader, committed to the success of our customers.

We currently work with



49 of the Fortune
100 companies



6 of the top 10
financial services
companies



10 of the top 10
technology companies



6 of the top 10
healthcare companies

Our mission is to help agencies build trust in software by managing application risks at the speed their mission demands.

An open ecosystem to reduce complexity and improve AppSec risk posture

Agencies are increasingly looking for ways to reduce the complexity of their application security programs and improve their overall risk posture. In addition to the most comprehensive portfolio in the market, only Black Duck offers an open ecosystem that gives you the flexibility to interoperate with your existing third-party and open source tools. Our open, pragmatic approach provides a single source of truth with a comprehensive and actionable view of risk that empowers your agency to build the security program that best meets your mission.

- **Analyst validation.** Only Black Duck carries the Leader designation in all three analyst ratings for application security.
 - The Gartner® Magic Quadrant™ for Application Security Testing. A Leader for seven consecutive years, and farthest-right and highest for five consecutive years. Black Duck also ranks first in all five categories in Gartner’s “Critical Capabilities for Application Security Testing” report.
 - The Forrester Wave™ for Static Application Security Testing.
 - The Forrester Wave™ for Software Composition Analysis.
- **Commitment to AppSec.** Black Duck has built the most comprehensive portfolio in the market. Only Black Duck has a full suite of AST tools combined with deep experience and the strength of a worldwide services organization.
- **Financial stability.** Black Duck is built to be your AST partner for the long term. We are growing above the market rate and are profitable while continuing to bring exciting innovations to the market.

Figure 1: Magic Quadrant for Application Security Testing



Black Duck has been a Leader in the Gartner® Magic Quadrant™ for Application Security Testing for seven consecutive years, and farthest-right and highest for five consecutive years.

Black Duck is your partner to help you build trust in your software

Black Duck® offers the most comprehensive, powerful, and trusted portfolio of application security solutions in the industry. We have an unmatched track record of helping organizations around the world secure their software quickly, integrate security efficiently in their development environments, and safely innovate with new technologies. As the recognized leaders, experts, and innovators in software security, Black Duck has everything you need to build trust in your software. Learn more at www.blackduck.com.