

## MANAGE RISK AND MAXIMIZE USE OF OSS COMPONENTS

Assessing risk is important. By using the Black Duck® Protex™ compliance management solution, you can discover what open source software (OSS) is in use today in your business unit or organization. And for open source components in use, Protex informs you of declared licenses and obligations. It also creates a bill of materials (BOM) for your applications.

But are you proactively managing risks and security while providing a solution that helps developers maximize their use of OSS? You can bridge this gap with Black Duck® Code Center™, an Open Source Management (OSM) solution that proactively manages both security and operational risk and enables the rapid adoption and use of OSS in fast moving development organizations. Code Center does this by automating:

- Approval workflows informed by OSS use policy
- Security vulnerability alerts
- License obligation management
- Version analysis/control
- Access to quality components

Code Center serves as the central synchronizing agent for projects, components, obligations and licenses for one to multiple Protex servers. And in the process, it bridges the gap between compliance stakeholders (management and security personnel) and those who are striving to break productivity barriers (developers and development managers) by providing a tool that's useful for both:

- Helps legal, security and other compliance stakeholders collaborate with development teams to ensure compliance with OS policies and obligations through automated approval workflows and by creating customized reports on open source, third-party commercial and proprietary code use (where and how used). And authentication and access control ensures appropriate access.
- Helps development teams benefit from streamlined search and selection by providing a catalog of approved components, (especially now that it can be integrated with binary repositories including JFrog Artifactory), so that they don't waste time looking for and getting approval to use components that may already be in use within their business units and organizations.

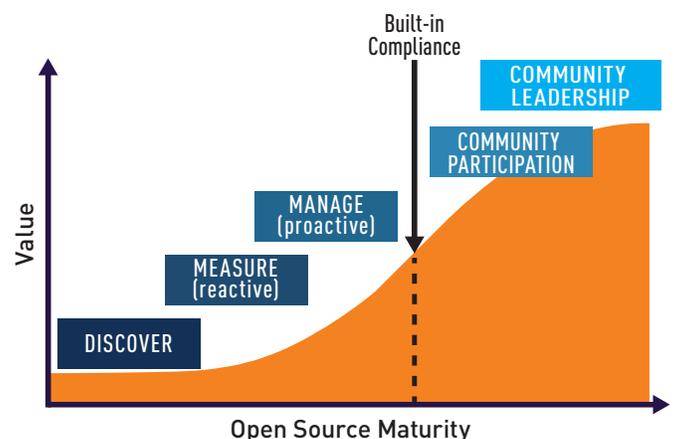
### START WITH POLICY AND PROCESS WORKSHOPS

Before installing Code Center to manage operational, security and legal risks, Black Duck works with you to draft an open source use policy, and a process that ensures that the new policy is followed. Your Code Center implementation is then customized to meet your company's specific needs.

Black Duck Consulting has helped hundreds of organizations develop open source use policies and implement a developer-friendly process. The result is that when Code Center is deployed, you'll benefit immediately from increased use of open source while decreasing your legal, operational and security risks.

And it's scalable and customizable. Code Center can be "right-sized" for your team or workgroup or for your global enterprise. With Code Center, you can:

- Manage software development policies in your workgroup or across your organization
- Ensure compliance
- Provide a tool that boosts developer productivity



Open Source Use Timeline

FEATURES	BENEFITS
<b>CATALOG</b> of what and where open source is used within your organization	<ul style="list-style-type: none"> <li>• Catalog of approved components saves time and eliminates unnecessary requests</li> <li>• Key component information, at the fingertips of developers, helps them find components faster and choose higher quality components that match corporate policies</li> <li>• Knowing and tracking where components are used in other applications encourages reuse and standardization</li> <li>• License conflict report provides detail on possible license conflicts between components</li> <li>• Support for publishing internal applications to the Catalog for usage within other applications as subcomponents enables application hierarchies to exist</li> </ul>
<b>AUTOMATED REQUEST AND APPROVAL PROCESS</b>	<ul style="list-style-type: none"> <li>• Customizable set of approvers and approval boards for various functional areas enables customized OSS management</li> <li>• Security vulnerability tuning enables policy and automated component approvals based on the high, medium and low severity of vulnerabilities</li> <li>• Step-by-step guided query speeds component requests</li> <li>• Ability to view pending requests, past requests and approvals, as well as requests from other users, encourages reuse and standardization</li> <li>• Feature that enables users to pre-populate new requests from existing approvals speeds time to solution</li> <li>• Approval criteria and workflow configurable to align with corporate policies and procedures</li> </ul>
<b>DEEP LICENSE DATA™</b>	Deep License Data provides up-front visibility into all licenses, including both declared license and any embedded licenses that included within a component
<b>DAILY SECURITY VULNERABILITY ALERTS</b>	Email notification about specific code, including vulnerability alerts from the National Vulnerability Database helps manage application security
<b>BLACK DUCK® KNOWLEDGEBASE™ AND OPENHUB.NET INTEGRATION</b> enables search from 1,000,000 open source components, including license and vulnerability information	<ul style="list-style-type: none"> <li>• Comprehensive information on software components (collected from thousands of sites) enables sophisticated sourcing of quality components. That information includes: <ul style="list-style-type: none"> <li>– Name</li> <li>– Versions</li> <li>– Type (proprietary, OSS, third-party)</li> <li>– Description</li> <li>– URL</li> <li>– License</li> <li>– Language</li> <li>– Deep license data</li> </ul> </li> <li>• Convenient search of the Black Duck KnowledgeBase and ohloh.net, the industry's leading code search engine, encourages quality component use</li> </ul>
<b>MANAGE LICENSE OBLIGATIONS</b>	Provides ability to manage obligations throughout the SDLC
<b>INTEGRATIONS</b>	<ul style="list-style-type: none"> <li>• Browser-based UI (IE, Firefox, Safari) and SDK enable organizations to integrate Code Center with standard ALM tools, binary repositories and governance frameworks</li> <li>• JFrog Artifactory integration enables managed use of binary components. When developers add a new open source binary artifact, the combined tools automatically start an approval process within Code Center. Customers can have confidence that approved components are being used and that only approved files/bits are used in the final build.</li> <li>• The Black Duck® Suite brings Code Center and Protex together to provide an end-to-end approach to managing open source throughout your development life cycle, leveraging Protex's license analysis to continuously assess risk while depending on Code Center to head off risk before it happens</li> <li>• LDAP integrations further extend management capabilities</li> </ul>

## BEYOND COMPLIANCE

With Black Duck Protex and Code Center, you can tightly integrate compliance into your build stream AND support a centralized approval process and catalog to support a business unit or enterprise approach to maximize your use of open source components.

## ABOUT BLACK DUCK SOFTWARE

Black Duck provides the world's only end-to-end [OSS Logistics](#) solution, enabling enterprises of every size to optimize the opportunities and solve the logistical challenges that come with open source adoption and management. As part of the greater open source community, Black Duck connects developers to comprehensive OSS resources through [The Black Duck Open Hub](#) (formerly Ohloh), and to the latest commentary from industry experts through the [Open Source Delivers](#) blog. Black Duck also hosts the [Open Source Think Tank](#), an international event where thought leaders collaborate on the future of open source. Black Duck is headquartered near Boston and has offices in San Mateo, London, Paris, Frankfurt, Hong Kong, Tokyo, Seoul, and Beijing. For more information about how to leverage open source to deliver faster innovation, greater creativity, and improved efficiency, visit [www.blackducksoftware.com](http://www.blackducksoftware.com) and follow the company at [@black\\_duck\\_sw](https://twitter.com/black_duck_sw).

## CONTACT

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