CloudBees®

Global C-Suite Security Survey

600 Global Execs Share Compliance and Security Challenges

CISO's New Challenge: Secure, Compliant Software Delivery (Innovation)

The role of the CISO has evolved. While we were once focused on infrastructure, perimeter, and device security, most medium- to large-sized organizations now have robust capabilities in these areas. The software landscape is the new target.

We live in a world where every organization's ability to compete is based on how well they deliver software, even if they are not a tech company. As a result, the biggest challenge for CISOs currently is to ensure the security and compliance of how organizations design, build, and deploy applications in a manner that meets organizational and regulatory policy requirements.

In this new reality, the application development teams and engineers become important frontline customers of the CISO. But there is friction there. We (CISOs) play a very important role in protecting the organization, however, our requirements lead engineering teams to often see us as the 'department of slow'.

Our second annual Global C-Suite Security Survey brings this to light, where the majority of global executives we interviewed indicated that compliance and security are significant hindrances to innovation. At the same time, the survey reveals contradictions between how executives believe compliance and security should be handled, and what responsibility should be owned by their development teams.

Bottom line, the results reinforce the need for compliance and security initiatives to go beyond talking about "shift left" and make it practical by removing this burden from developers and release engineers alike, through automation. Automation that can assess, assert and evidence the compliance of the software supply chain in real time.

We are standing by to help you do just that.

Prakash Sethuraman
Chief Information Security Officer, CloudBees

76%

say compliance challenges hinder their ability to innovate

75%

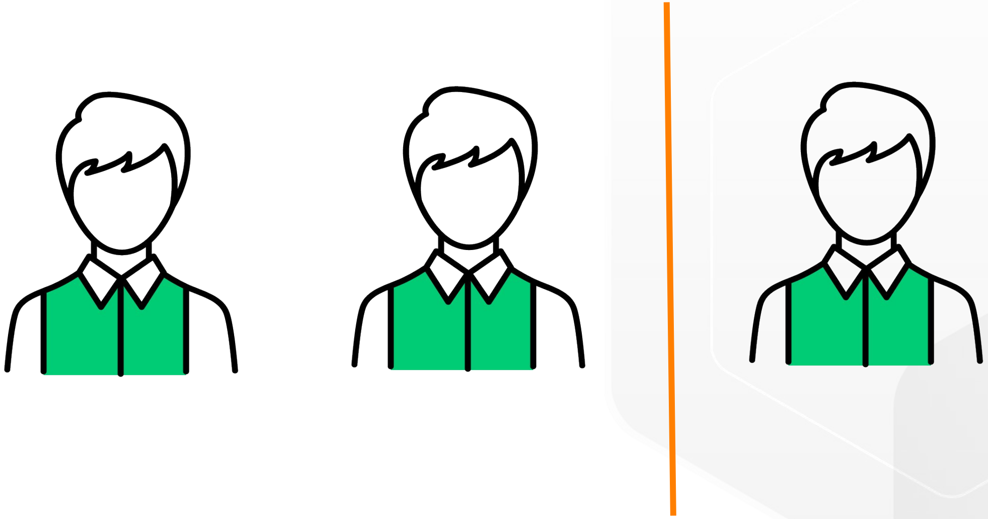
say security challenges limit their ability to innovate

Compliance and security are killing innovation.

76%

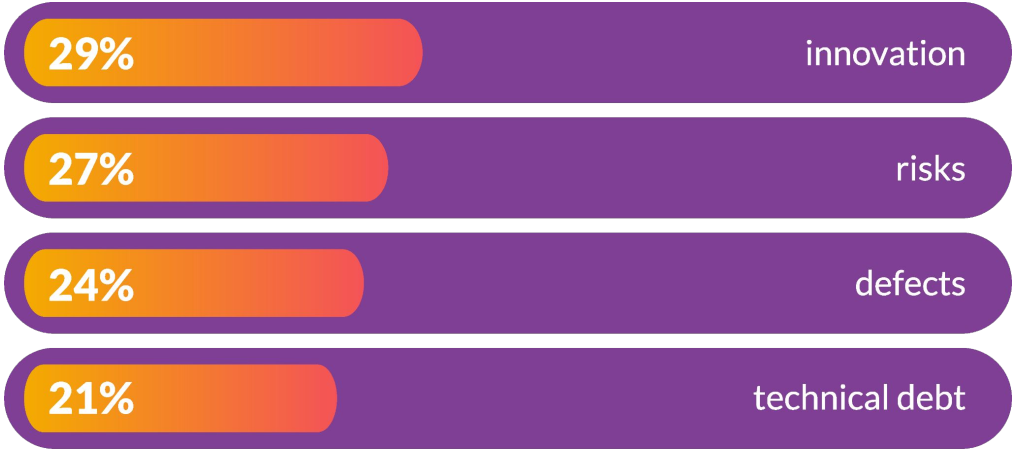
Three quarters of C-suite executives say that **compliance challenges** (76%) and **security challenges** (75%) limit their company’s ability to innovate. This is due, in part, to the significant time spent on compliance audits, risks and defects.

Security is the department of SLOW.



Two-thirds of C-suite executives agree - the security department is "**the department of slow**." This is a common shared thought by dev teams as well, who often view security teams as the "release prevention department."

How are teams spending their time?



More than half of C-suite executives (56%) say **compliance processes** are stopping their development team from spending more time on activities they should be, while almost half (47%) say **knowledge** of compliance and/or security is the cause.

Shifting left is preferred, but has downsides

C-suite executives overwhelmingly favor a shift left approach to compliance and security, with 83% of C-suite executives saying the approach is important for them as an organization.

In reality, 33% say they are currently implementing a shift left security and compliance approach, and an additional 44% think they are.

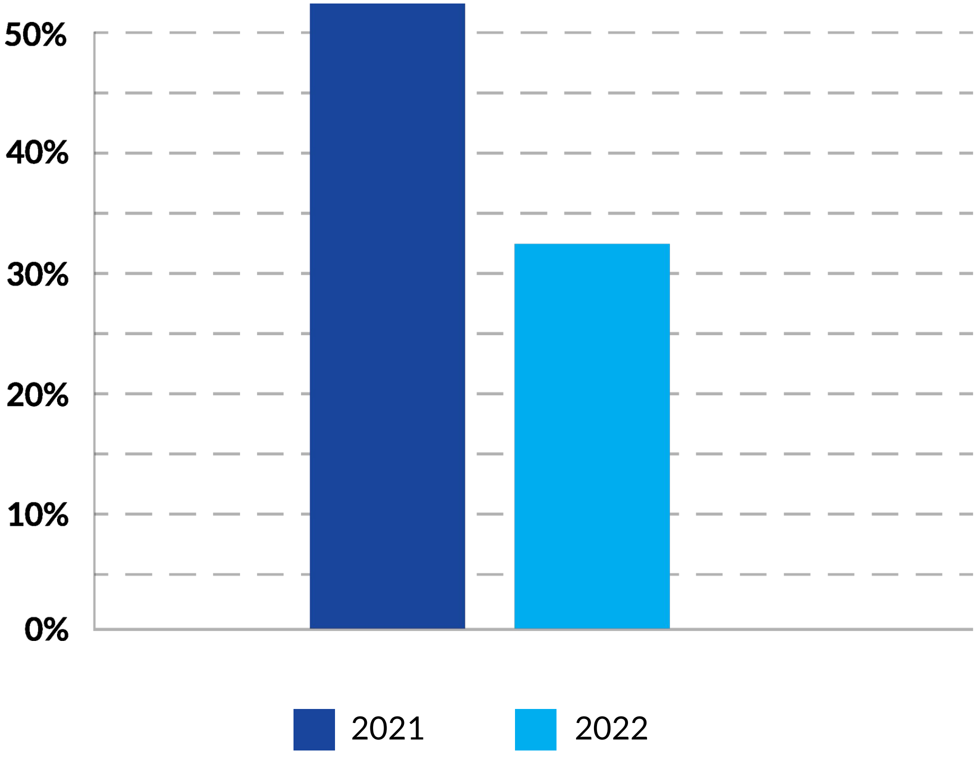
One of the reasons shifting left has not taken off? More than half of C-suite executives report that shift left is a burden on their developers.

Why isn't shift left working?

Shift left in its current state has become a DevOps anti-pattern. Instead of making things simpler, increasing flow, and making improvement easier, teams are spending more time on non-value-add work such as deciphering the thousands of critical security alerts they've received, rather than innovation.

For insight on how shift can left can be done right, read our blog post on the topic.

How Secure Is Your Software Supply Chain?

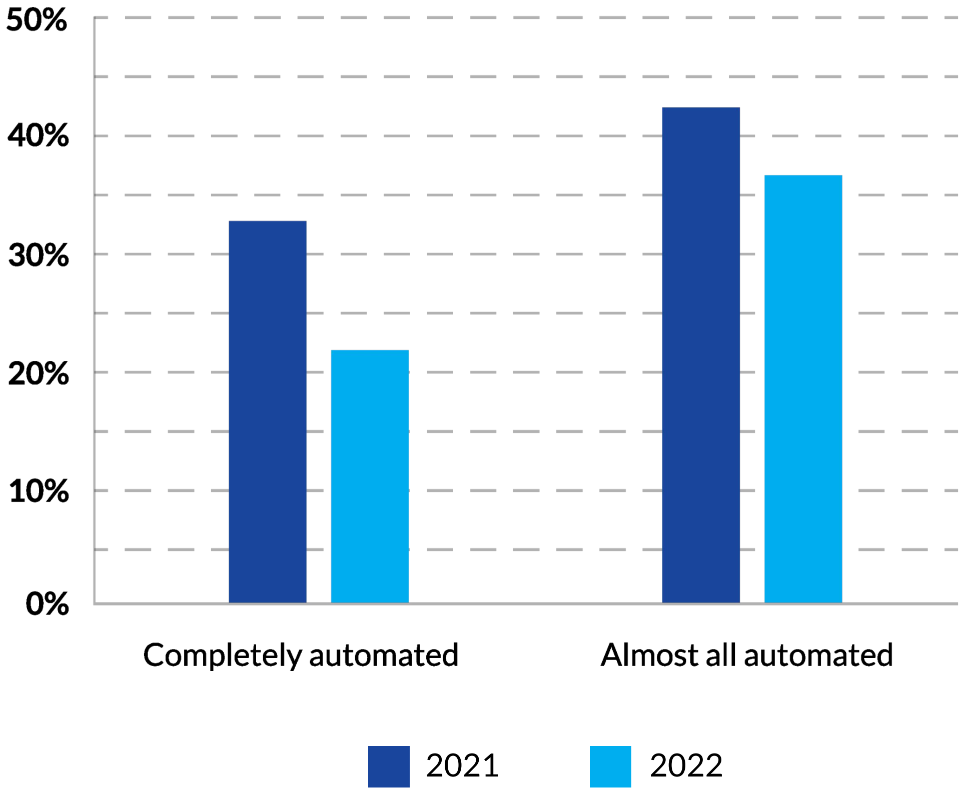


32% say their software supply chain is very secure

Down from 52% in 2021

The survey also revealed a drop in the confidence of software supply chain security year over year. More than half (55%) don't know who they would turn to if a supply chain attack happen.

The Supply Chain Is Also Not Fully Automated



Three in five C-suite executives (59%) say their software supply chain is almost or completely automated; down from three quarters (75%) who said this last year.

CEOs are more likely than CTO/CISO/CIOs and other C-suites to say their software supply chain is completely or almost all automated (71% vs. 58% & 41%).

C-suite executives under 40 and between 40 and 54 are more likely than those 55 and older to say their software delivery supply chain is completely or almost all automated (65% & 58% vs. 46%).

Automation can help, but they..

22%

don’t have compliance automated yet.

Only 22% of C-suite executives say their compliance process is completely automated and 35% say it is almost completely automated.

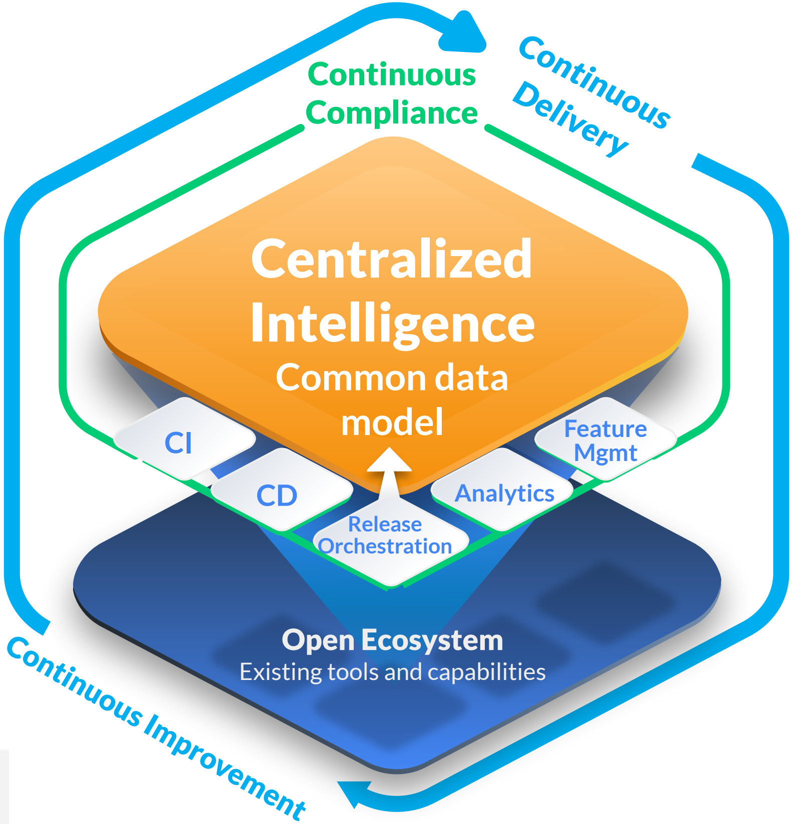
CEOs are more likely than CTO/CISO/CIOs and other C-suites to say their compliance process is completely or almost all automated (75% vs. 51% & 38%). This could be due to CEOs misunderstanding what truly automated compliance looks like.

Secure Your Software Supply Chain and Automate Compliance

CloudBees Compliance runs continuously alongside the software delivery process, using out-of-the-box regulatory control frameworks, like CIS, CSA, FedRAMP, PCI, GDPR, NIST, and HIPAA, (or your own custom controls) to ensure compliance in real-time at every stage.

- → **Developers** are relieved from alert storms so they can stay focused on innovation.
- → **Compliance teams** set enterprise-wide standards for what is secure and compliant, improve corporate risk posture *AND* speed delivery.
- → **Business leaders** make defensible decisions based on contextual risk, and can assert compliance with confidence.

Review real-time compliance and risk-analysis data for yourself by [booking a demo](#) today.



About the Survey

CloudBees commissioned Regina Corso Consulting to survey 600 C-suite executives from companies with at least 250 employees to understand how they feel about their software supply chain. The respondents included 100 executives from each of the following countries: Australia, France, Germany, Spain, the United Kingdom and the United States.

The Global C-Suite Security Survey was conducted online between June 27 and July 8, 2022.

CloudBees.

About CloudBees

CloudBees provides the leading software delivery platform for enterprises, enabling them to continuously innovate, compete, and win in a world powered by the digital experience. Designed for the world's largest organizations with the most complex requirements, CloudBees enables software development organizations to deliver scalable, compliant, governed, and secure software from the code a developer writes to the people who use it. The platform connects with other best-of-breed tools, improves the developer experience, and enables organizations to bring digital innovation to life continuously, adapt quickly, and unlock business outcomes that create market leaders and disruptors.

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