

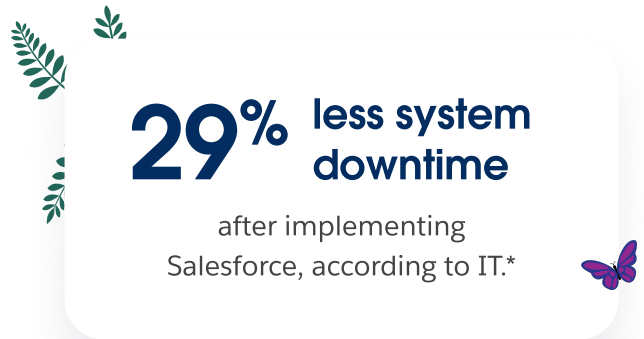


How to Build, Test, and Deploy in Secure Environments

Increase developer productivity by 31% with DevSecOps on the Salesforce Platform*

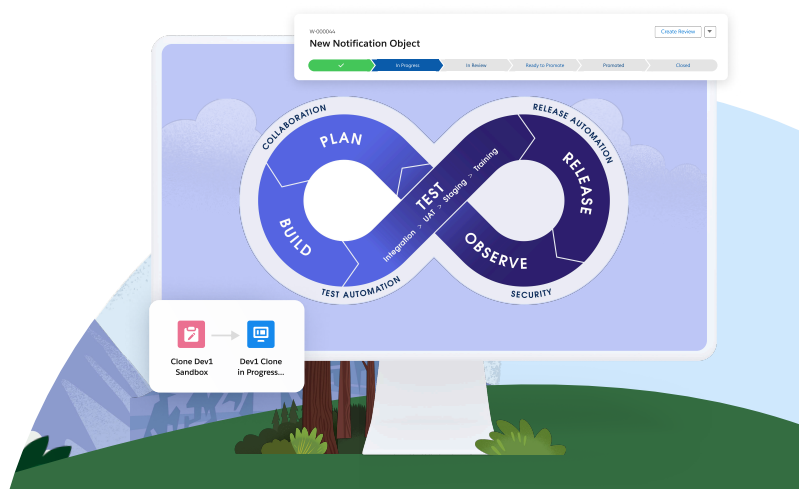
Businesses are competing to create faster, better, and more innovative customer and employee experiences. That places strain on the traditional development lifecycle, while raising the stakes for success. DevOps transformed software development by simplifying operations and emphasizing speed, collaboration, and automation. With rapid AI innovation involving large amounts of enterprise and customer training data to be successful, security has become a leading concern for IT leaders during the AI development process.

Enter DevSecOps, short for development, security, and operations. Integrating security into every stage of the software development lifecycle helps organizations adjust to the demands of AI development while maintaining data security and organizational compliance.



Minimize the cost and risk of downtime

Gartner has estimated the average cost of IT downtime to be \$5,600 per minute, and more recent estimates have climbed even higher. System outages aren't the only concern; DevSecOps principles are also concerned with improving data security. IBM reports that the average cost of a data breach in 2024 reached \$4.8 million, a 10% increase from 2023. By isolating changes to secure development environments, you can move to production fast while minimizing the cost and risk of downtime.



*Source: [Salesforce Customer Success Metrics](#), 2024

Release **Faster & Safer** with Salesforce DevSecOps Practices

Three characteristics of safe, efficient change management

At Salesforce, we think of your development lifecycle as a continuous process, with three characteristics for secure, efficient change management. These best practices apply from big releases like Agentforce and Data Cloud to small-scale updates to existing applications:

1 Friends Don't Let Friends Test in Production

Making seemingly innocent configurations – such as a new path for sellers – to your production org can take down entire mission-critical business processes. By isolating your development process to project-focused Sandboxes, you release faster and with far less risk.

2 “Shift-Left” for Testing and Security

Shift-left testing is an approach in which code testing takes place earlier in the development lifecycle, which helps speed up testing and improve code quality. DevSecOps suggests that simultaneously shifting security left with tools such as data masking helps prevent security concerns later in the pipeline.

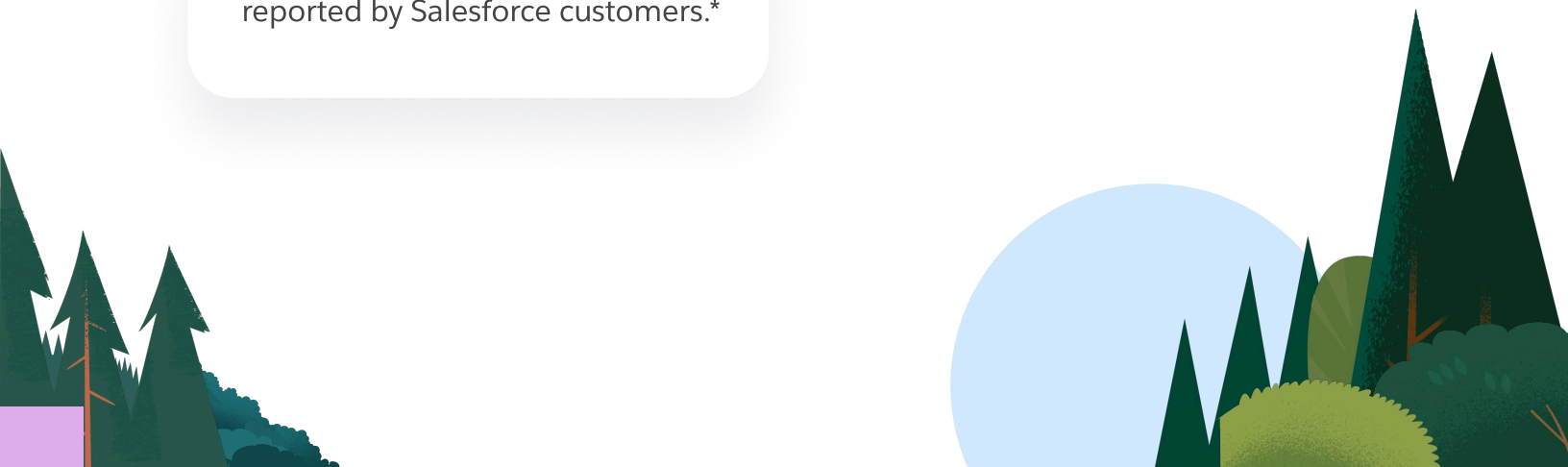
3 Make Your Pipelines Transparent

DevSecOps, as the name implies, brings development, security, and operations teams together within the application lifecycle. To make this collaboration seamless, low-code DevOps tooling, such as DevOps Center, centralizes your work items into a visual pipeline, so that everyone close to a business problem has the visibility needed to create a solution.



27% decrease
in IT costs

reported by Salesforce customers.*



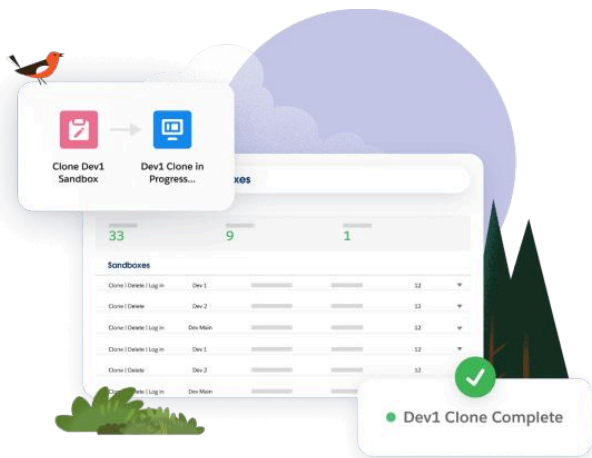
Salesforce Development and DevSecOps

How to release fast and reduce costs while maintaining data resilience

Salesforce delivers on the testing and deployment phases of DevSecOps through Platform solutions, such as Sandboxes, data masking, data seeding, and DevOps Center. These solutions help development teams and IT leaders isolate and secure their development lifecycle and manage changes in a transparent, centralized way. Use these tools to take out the costs that come with slow, opaque, and unsecured development pipelines.

31%

faster application deployment reported by Salesforce customers.*



Sandboxes: Build and test in isolated production copies

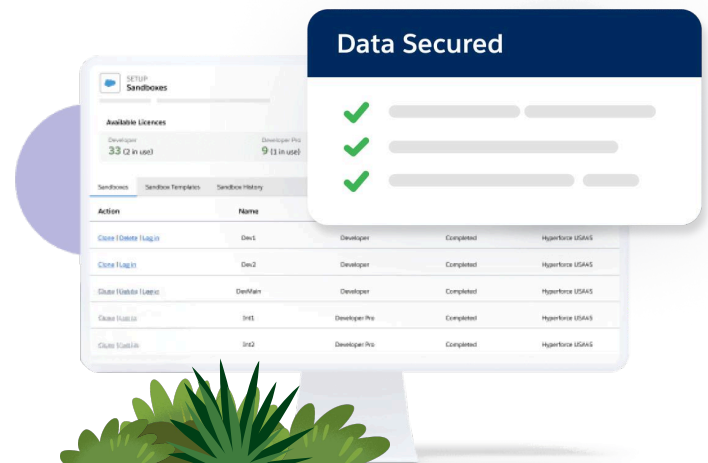
Salesforce Sandboxes are mirror images of your production org – including your data and metadata – for building and testing changes, and training new users. You can build in Sandboxes without interfering with critical business processes. Sandboxes reduce the cost of downtime and shorten release cycles.

[Isolate Development >](#)

Data Masking: Protect sensitive data in Sandboxes

Data Mask & Seed protects sensitive data in Sandboxes by de-identifying data. Automated data masking enables easy compliance and reduces the time spent on low-value data masking. Salesforce's native solution delivers the security and performance you expect from the Salesforce Platform.

[Build Securely >](#)





Data Seeding: Test and build with realistic data

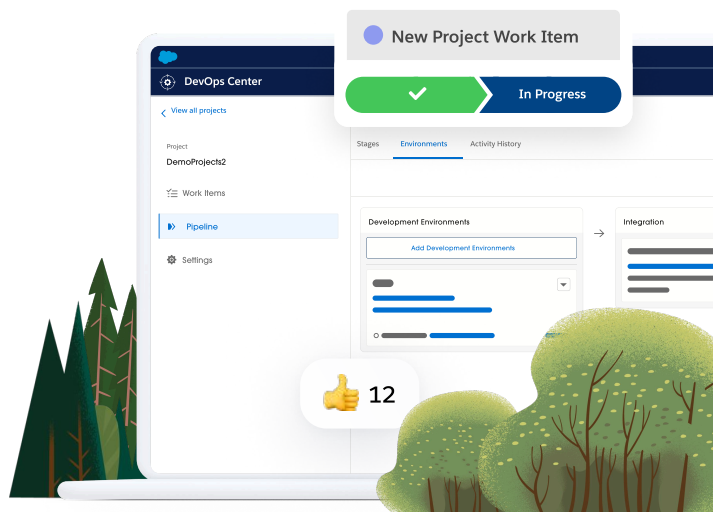
Data Mask & Seed allows teams to work with realistic data during the testing, training, or development process, without needing to import large production datasets. Automated data seeding solutions help teams seed precise, relevant datasets into lower environments.

[Data Mask & Seed Demo >](#)

DevOps Center: Low-code change and release management

DevOps Center is a centralized experience for managing Salesforce changes. It enables business users, admins, and developers to work together as fusion teams, collaborate across work items, and automatically track changes in a visual pipeline. Your teams can adopt DevSecOps practices, such as source-driven development, without the need to master Git-based version control. You can simply migrate changes across Sandboxes with clicks in a central, governed UI.

[Release Faster, Together >](#)



Learn about Salesforce DevSecOps.

Visit our [Testing and Deployment](#) web page today.



CONTACT US TO
LEARN MORE
1-800-667-6389