

# Avo for Salesforce



Today, Salesforce is the first choice for various enterprises for their customer-centric applications. From telling a unified story through all the data available at hand to ensuring the best possible customer experience, Salesforce forms the core of mission-critical business applications. Ensuring these applications work as intended is essential for business continuity and customer satisfaction. Challenges loom when they don't.

## What's the Challenge

Until recently, testing Salesforce applications has been primarily manual or through low-code test automation platforms. But they no longer suffice owing to the speed at which the Salesforce landscape continues to evolve.

The three primary reasons that necessitate test automation for Salesforce applications are:

1



### Numerous Integrations

Salesforce applications rarely exist in siloes and integrate with diverse applications like SAP, Oracle, ServiceNow, AppExchange, and more. Testing integrations across each of these touchpoints is crucial for the normal functioning of end-to-end business processes.



### Customizations

Salesforce offers various customization options, from custom objects to different languages to page layouts. Every customization must be tested, which means more testing complexity. Manual testing or low-code test automation can't scale.



### Frequent Updates

Salesforce regularly updates its platform to fix issues or enhance user experiences. These updates impact customizations, which require testing. Manual and code-based testing can't match the pace of these updates, failing at timely delivery.

A no-code, heterogeneous test automation platform addresses all these challenges.

## We Have the Solution

Avo Assure is a 100% no-code, intelligent, and AI-driven test automation solution that enables you to test Salesforce applications flawlessly. Being heterogeneous, it allows you to test business processes spanning Salesforce (both Classic and Lightning), Oracle, SAP, web, mobile, mainframes, and more with a single solution. Available on-prem or on the cloud, Avo Assure makes testing simple, scalable, and flexible.

The cross-platform compatibility and codeless approach to testing empower teams to test not just applications but end-to-end business processes. This ensures the migrations from Classic to Lightning are as intended as you test the business process in its entirety.

## How Avo Assure Delivers True Test Automation



### Autonomous Test Creation

Test creation is often the longest pole in the tent in the context of manual testing and low-code test automation. With no-code test automation, you overcome this challenge as all your test creation efforts are now reduced to a few clicks. Avo Assure's computer-vision-enabled Design Studio helps you visualize your entire testing hierarchy, simplifying designing and updating test cases. This high-level view further makes test maintenance simpler.

Avo Genius, a smart recorder, helps create test scenarios automatically as you navigate through web applications. It offers data parameterization and the flexibility to pause a recording and edit test steps on the fly. Design Studio and Avo Genius work in tandem – as you navigate through the screens using Avo Genius, Design Studio generates respective modules, simplifying test creation.

The pre-built library with 1500+ keywords further enables test creation on the go and enhances reusability. Since the UI is easy-to-use, it empowers both technology and business users to contribute to testing, improving test efficiency.

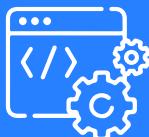
With all these capabilities, Avo Assure helps you create tests based on any Salesforce configuration and seamlessly reuse them across Classic and Lightning.



## Smart Execution

With Elastic Execution Grid, perform scalable and elastic test execution on any cloud platform. Parallel execution helps run tests in parallel or decide the most optimal execution path based on your available infrastructure. Smart Scheduling allows you to schedule execution during non-business hours, improving test efficiency.

A broken feedback link between the development and testing teams results in delays and impacts quality. With Avo Assure's CI/CD integration, ensure a continuous feedback loop between developers and testers, and achieve continuous testing. Reduce regression cycles, test the entire length and breadth of an end-to-end business process, and significantly reduce product defects.



## Easy Maintenance

With the Upgrade Analyzer feature of Avo Assure, identify the code that has undergone a change and test just that. This means saving effort and time on analysis and pinpointing the code change. With seamless, reusable capabilities, you can now build a test case once and run it across Classic and Lightning as often as required on any browser.



## What Makes Avo Assure Unique



### End-to-end Testing

Achieve end-to-end testing as Avo Assure enables you to test across diverse technologies like web, mobile, Mainframes, Salesforce, Guidewire, ERPs, and more.



### In-sprint Automation

The wait for the UI to be ready for testing is one of the primary bottlenecks in agile testing. With Avo Assure, achieve in-sprint automation and ensure timely delivery



### CI/CD Integration

Salesforce applications integrate with various third-party apps. It is crucial that you ensure they stay intact when there are future releases. With CI/CD integrations, scale your test automation, achieve continuous testing, and reduce defect slippages and downtime.



### Accessibility Testing

Avo Assure helps you achieve end-to-end accessibility testing with a single button click. It supports A, AA,



### Intuitive Reporting

Analyze reports intuitively because Avo Assure shares each step's embedded execution video and screenshots. Thirty default widgets are available in the advanced dashboard to visualize reports effectively. The one-touch integration with defect management tools further simplifies reporting issues.



### Intuitive UI/UX

Easy-to-use and self-serve capability of Avo Assure's UI/UX means a low learning curve. These capabilities empower technical and business users to get on board with testing faster, translating to higher automation productivity.

## Avo's Product Suite Integrations

Avo's suite of products offers two other solutions that help boost testing productivity and efficacy. They are intelligent Test Data Management (iTDM) and Service Virtualization.



### iTDM

With iTDM, you can generate production-like, relevant, and compliant Salesforce test data to deliver top-quality software. iTDM helps overcome the primary challenges that arise with poor quality test data and lengthy test data creation cycles.

[Read more](#)



### Service Virtualization

This product helps you leverage a virtual service or environment when the actual one is not available. This enables you to achieve shift-left testing and ensure high-quality, timely delivery.

## With Avo Assure, you can

- 1 Test your Salesforce applications **85%** faster than manual testing and make them future-ready by testing them across the entire product lifecycle.

- 2 Move from Classic to Lightning confidently by ensuring all the applications work as intended.

- 3 Achieve over **90%** automation coverage and save >30% of your automation effort to focus on more innovative tasks.

- 4 Reduce infrastructure requirements by **80%** with parallel testing, as you can now run tests on a single VM or multiple VMs simultaneously.

- 5 Be **4x** more productive because the solution is no-code, heterogenous, and offers test case reusability

6

See YoY reduction in the cost of quality as Avo Assure helps you achieve end-to-end test automation.

7

Achieve continuous testing and transition to product-centric development.

8

Get the most out of **24** hours by scheduling execution during non-business hours.

9

Create end-to-end tests without writing a single line of code and run those tests repeatedly across Classic or Lightning without additional effort or costs.

## Technical Specifications

### Design and Maintenance

- Visual test design
- DOM – Document Object Model
- Augmented with smart recorder to automatically capture test scenarios
- Pre-built keywords simplify test case creation
- Shared object and test repository
- Test data input automation
- Debug and reporting support
- Visual assertion to heal the automation script

### Client Platform Support

- Web-based
- Mobile – Android, iOS
- SAP – ECC, S4/HANA, SuccessFactors, Fiori, Ariba, NetWeaver
- Oracle – EBS, Fusion Cloud
- Mainframe via emulation
- API – web services
- Databases
- Salesforce
- Guidewire
- Microsoft Dynamics and more...

### Integration Support

- Visual test design
- Jenkins
- Jira
- Microfocus – QC/ALM
- qTest
- Azure DevOps
- Atlassian Bamboo
- Amazon Mobile Farm
- Sauce Labs
- Zephyr
- Open APIs also enable additional integrations



Schedule a demo



Avo Automation, a division of SLK Software, is the gold standard for quality-first and human-centric automations that are the simplest to use, most intelligent, and continually resilient. Avo empowers employees to happily work alongside automation that reduces manual work so they can be free to do the more strategic and fun parts of their job. With Avo's enterprise-grade Quality Automation System (QAS), customers can seamlessly create, deploy, and manage automation for software testing and test data management.

© 2022 Avo Automation, Inc. All rights reserved

[info@avoautomation.com](mailto:info@avoautomation.com)  
[www.avoautomation.com](http://www.avoautomation.com)

