Deloitte.

Revolutionizing nCino Quality Assurance

With Test Automation

Adoption of **Agile delivery** and **DevOps processes** has introduced the need for **repeatable and efficient testing**

Reduce Operating Costs
Despite an upfront investment in tool setup, fewer resources are required to execute and maintain test cases, which saves costs with every release cycle.

Accelerate Test Cycles
A drastic reduction in manual testing efforts will minimize cycle times while simultaneously expanding test case coverage and capability.

Increase Test Accuracy
Test Automation leverages the speed and precision of machines to execute test scripts so you can have full confidence in test execution.

Opportunities to Capitalize On

Banks that rely on manual testing face many inefficiencies...

... that can be addressed by building a Test Automation capability.

Error-Prone Processes Repetitive manual processes introducing substantial risk of human error across every step of the testing process.	Standardize and Digitize. by automating execution of repeatable tasks. • Choose high-touch, data-intensive workflows to automate • Reduce work by removing manual touch and eliminating risk of human error
Bloated Cycle Times Large-scale systems requiring several layers of testing across many capability areas with every periodic release.	Streamline and Automate. with machine-powered testing and parallel operations. • Run key test cases in parallel with minimal processing time • Easily expand test suite to include stress, performance, and regression tests
Delayed Defect Identification Waiting for several code promotions and environment propagations before testing end-to-end workflows.	Detect Defects Early. with easy-to-run testing that gives real-time feedback. • Test early and often with fully automated test cases • Empower developers by enhancing testing capabilities in lower environments
Inefficient Resource Usage Full dependency on QA analysts to handle all steps of the testing life cycle including low value, time-consuming repeatable tasks.	Improve Resource Allocation. by alleviating manual workloads. • Direct QA analyst capacity to higher-value tasks requiring research and analysis • Leverage QA analyst expertise for triaging and acting on results

From Inception to Execution: The Test Automation Journey

Discover: Develop a proof of concept that defines the value proposition, assesses feasibility, selects the right tools to leverage, and creates an implementation road map.

Implement: Define a testing strategy, build a test suite, develop automation scripts, and prepare resources to operate and aintain the test automation stack.

Operate: Execute test automation within development cycles, act on testing results, and maintain and enhance the test suite as the system continues to evolve.

The Deloitte Difference

Test Automation is embedded in delivery and operations from day one.

nCino Testing Center of Excellence

Deloitte has a dedicated team of QA practitioners with **deep knowledge and experience in nCino, Salesforce,** and financial services.

Our COE **continuously researches and builds test automation frameworks** that are deployable into client environments from day one.

Deloitte's nCino QA knowledgebase has:

- Automated test scenarios for nCino Commercial, Retail, and Treasury Management
- Robust point of view, based on real-world experience, of test automation solutions and suitability

nCino Test Automation Suite

Deloitte has built a **rich test automation suite** comprising test scenarios for key nCino features across the origination life cycle.

By adopting this pre-built framework, financial institutions can accelerate their test automation capabilities:

- Automation of up to 65% of nCino's out-of-the-box functionality, **without any code changes required**
- Achieve, on average, a **50% reduction in testing time** for automation-enabled features

Comprehensive QA Methodology

Deloitte's nCino QA implementation methodology **embeds test automation** into regular development and testing cycles. Automated testing and manual testing are **seamlessly integrated** providing comprehensive Quality Assurance practices.

Automation testing becomes part of your implementation journey from day one, which allows it to **effectively scale with your nCino build.** Our approach **reduces implementation time** and subsequently **accelerates time to market** and enables continuous value delivery.

Any questions?

Learn more about Test Automation as a powerful tool for your institution.

Roberto Haig
Managing Director
Digital Banking Operate Leader
rhaig@deloitte.com

Mani Venkatraman
Senior Manager
Digital Banking Operate Leader
mvenkatraman@deloitte.com

Rahul Yadav
Digital Banking
nCino Architect
rahuyadav@deloitte.com