



CLIENT CASE STUDY / WMS QUALITY AND TESTING

More Defects Found. Fewer Surprises. Greater Confidence.

How SLMCON helped RONA strengthen Blue Yonder WMS quality through automated testing.

RISK REDUCTION

CHANGE CONFIDENCE

CONTINUOUS TESTING

30%

MORE DEFECTS FOUND

3

FORMS OF RISK COVERED

1

REUSABLE TEST FOUNDATION

More Defects Found. Fewer Surprises. Greater Confidence.

How SLMCON helped RONA strengthen Blue Yonder WMS quality through automated testing.

RONA is a major Canadian home improvement retailer supported by a multi-site supply chain and distribution network. Blue Yonder WMS coordinates activity across its distribution centers, so platform reliability is critical whenever change is introduced. SLMCON worked with RONA to establish automated testing as a repeatable way to verify essential workflows, reduce operational risk, and build confidence in every system change.



The Challenge

RONA's warehouse systems had to absorb continual change: organizational transitions, infrastructure cost optimization, and software upgrades inside the distribution centers. Each one could affect Blue Yonder WMS performance or stability before it ever reached live operations. The requirement was not simply more test cases. RONA needed validation that could be repeated reliably every time the system changed, exposing defects earlier and protecting service levels.



SLMCON's Approach

SLMCON built the program on Cycle Labs' test automation platform, starting from Cycle's existing Blue Yonder WMS test library rather than writing every test from scratch, then adapting it to RONA's processes and operating environment. The strategy addressed three forms of risk. Regression testing confirmed that established workflows still behaved as expected whenever the application, its configuration, or the infrastructure changed. Volume testing evaluated whether the WMS and its supporting infrastructure stayed stable under high transaction loads, so capacity changes could be assessed before production depended on them. Continuous testing connected automation to a GitLab delivery pipeline, moving validation into the change process instead of a final phase.



Outcome & Business Impact

Cycle Labs reports that automation identified 30% more defects than manual testing, including issues in areas that had already been validated. Reusable regression and volume suites gave RONA a consistent way to assess WMS upgrades, infrastructure changes, and future customizations, and the GitLab pipeline made it possible to run automated checks inside the delivery workflow rather than at the end of it. The result is a repeatable framework for managing WMS risk as software, infrastructure, and operating requirements continue to evolve.

ABOUT THIS CASE STUDY

An original SLMCON article based on facts reported in Cycle Labs' public RONA case study. It is not a reproduction of that article.



MAKING CHANGES TO A LIVE WMS?

When an upgrade, a migration, or an infrastructure change has to reach production without disrupting operations, SLMCON helps operations, IT, and supply chain leaders test what matters and find defects earlier.

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TESTING IMPACT

Automated regression, volume, and continuous testing gave RONA a repeatable way to validate Blue Yonder WMS changes before they reached production.

30%

MORE DEFECTS FOUND

Identified by automation compared with manual testing, including areas already validated.

3

FORMS OF RISK COVERED

Functional regression, capacity under load, and speed of feedback.

1

REUSABLE FOUNDATION

Cycle's Blue Yonder WMS library, adapted to RONA's processes.



GitLab

CONTINUOUS TESTING

Automated checks run inside the delivery pipeline, supporting earlier feedback and more frequent validation.

30% figure reported by Cycle Labs. Other figures describe delivered scope.