Accelerating End-to-End Testing:

Cardinal Health: Smarter Testing, Faster Results with Worksoft Automation

Accelerating Software Quality with End-to-End Test Automation

At a glance

Cardinal Health, a major healthcare provider, partnered with Worksoft to significantly accelerate testing and improve software quality. Using Worksoft's automation platform, they achieved 89% regression test coverage in just 5 months while reducing automation maintenance by 40% and test execution time by 60%. This enabled nightly, unattended testing, boosting confidence in software releases and accelerating time-to-market.

KEY METRICS

89%
Regression test coverage in 5 months

40%
Automation maintenance reduction

60%
Regression test execution time reduction

CHALLENGES

Cardinal Health needed to improve test coverage across its diverse business units while keeping pace with Agile and Lean development methodologies. Key challenges included:

- Slow, Resource-Intensive Manual Testing – Manual processes were time-consuming and introduced risks due to human error.
- Lack of Sufficient Test Coverage – Ensuring comprehensive validation across complex systems, including SAP, SFDC, e-commerce, and warehouse management applications.
- Scaling Testing for Agile & Lean Adoption – The shift to Agile required faster, more reliable testing cycles to support continuous software releases.

SOLUTION

Cardinal Health implemented Worksoft's automation platform, including Certify and Execution Manager, to streamline testing efforts. This approach enabled:

- End-to-End Test Automation – Automating regression and functional testing across key enterprise applications.
- Accelerated Project Timelines – Reducing the time required for software validation while improving test accuracy.
- Scalable & Maintainable Testing – Worksoft's automation reduced maintenance overhead, allowing for greater efficiency.
- Unattended Nightly Testing – Continuous, hands-free testing that validated critical processes overnight.

RESULTS

By leveraging Worksoft automation, Cardinal Health improved efficiency, accelerated time-to-market, and enhanced software quality while reducing testing effort.

- 89% Regression Test Coverage in 5 Months – Achieved near-complete validation across business-critical applications.
- 40% Reduction in Automation Maintenance – Simplified test upkeep, freeing resources for innovation.
- 60% Reduction in Regression Test Execution Time – Faster, more efficient testing cycles supporting Agile development.
- Enabled Complete, Unattended Nightly Tests – Increased confidence in software releases with automated overnight validation.

CUSTOMER'S VOICE

"With automation, we need fewer people for this, improve quality by reducing human error, and free our people to advance their careers, particularly with our SAP S/4HANA Enterprise implementation." – Accenture's SAP Program

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