

Automation Testing

Smarter testing, faster releases with AI-powered test automation

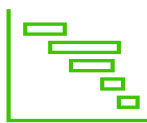
AI-driven test automation, is transforming software testing by bringing artificial intelligence & machine learning into the testing process. It fundamentally changes the way apps get tested for better quality for quicker releases, and lower costs. Sparing hard-coded scripts of today, use machine learning, natural language processing, and predictive data to build tests that learns on the job, adapts to changes, and runs far more smartly.

Successful automation testing of Dynamics 365 applications demands strategic planning, the right tool selection, and a deep understanding of regression testing needs. At Fujitsu, we take a holistic approach to automation testing—emphasizing best practices, tailored strategies, and thorough planning to ensure excellent quality and optimized effort, driving improved business outcomes.

Fujitsu **specializes in full lifecycle test management and test automation** of business applications. The automation covers the broad spectrum of multi-experience realm - web, mobile and enterprise applications.



Scope of Automation



Test Planning



Test Design



Test Execution






Test Reporting



Maintain & Upkeep

Fujitsu capabilities cover following vendor tools and technologies that deliver AI-driven automated testing on Microsoft (D365 Finance and Operations, Business Central and Customer relationship Management, Power Platform) using AI based functional automation for building regression suite on cloud.

		
<ul style="list-style-type: none"> • A cloud-based, AI-powered low/no-code test automation platform that simplifies and accelerates functional testing and integration with CI/CD tools for continuous delivery. • The platform supports various technologies, offers visual test design, and provides collaborative features and detailed analytics for improved testing efficiency and quality. 	<ul style="list-style-type: none"> • The Regression Suite Automation Tool (RSAT) helps reduce time and cost for UAT in Microsoft Dynamics 365 Finance and Operations. • It automates business task testing using recordings from Task Recorder, with no coding required. • RSAT integrates with Azure DevOps for execution, reporting, and analysis. Test data is managed separately in Excel files 	<ul style="list-style-type: none"> • A Low-code test automation tool with Visual automation and process automation across various applications, including web, desktop, and APIs.

Leverage value of AI & fast track time to market...

The value of AI-driven test automation lies in its ability to enable organizations to deliver higher quality software faster and more cost-effectively.



Accelerated time-to-market

Automate tedious and time-consuming tasks, dramatically speeds up test creation & execution, allow for quicker release cycles and faster delivery of new features to users.

Imagine: A startup reducing regression testing time from 5 days to 16 hours, allowing for more frequent and confident deployments.



Optimized for value generation

Free up skilled QA engineers from repetitive tasks to focus on more complex, exploratory testing, and strategic aspects of quality assurance & maximizes value.

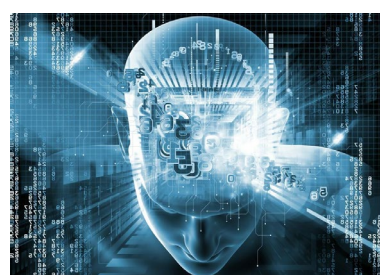
Imagine: Testers spending less time updating flaky scripts and more time on high-value tasks like improving test strategies or deep-diving into critical issues.



Scalability for complex systems

Allow AI-driven automation to handle massive number of test cases and parallel executions across various environments as applications grow in complexity and scale while ensuring comprehensive coverage.

Imagine: Testing an e-commerce platform across 30 countries and 10+ payment methods, a task nearly impossible manually.



Enhance decision-making with insights

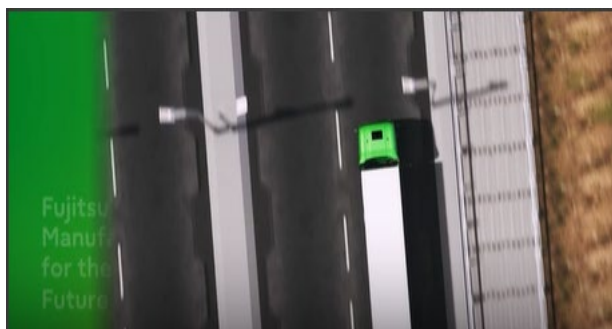
Allow AI to analyze vast amounts of test data, provide data-driven actionable insights into software quality, performance bottlenecks, and potential risks leading to more informed decisions.

Imagine: AI identifying recurring issues across different test runs, allowing development teams to address root causes proactively.

Discover how organizations have succeeded with us!

A Large American Tire Manufacturing Company

Fujitsu developed automation testing for sales force applications for core CRM products for their summer and winter tires using their revolutionary technology. Companies Order management is a salesforce-based application developed to fulfill its business requirements. Using ACCELQ Provided the solution to automate the regression test, Functional tests and GUI tests which reduced the overall time and effort in validation.



An American Pet food Manufacturer and Supplier

Fujitsu developed automation testing suite for this customer using AccelQ and Fujitsu Fusion approach. Provided the solution to automate the regression test and API tests which reduced the overall time and effort in validation with quality execution along with detailed reporting.

Reach out to us to find more on how Fujitsu helped customers achieve Test automation in their day today operations.

Contact us.



Email



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