Innominds
Powering the Digital Next

RE-IMAGINING QUALITY ENGINEERING: AI AND AUTONOMOUS TESTING IS THE WAY AHEAD

Build high-quality, future-ready devices, applications and reduce time-to-market with platform test accelerators, advanced testing services including AI-led QE and security testing.

> *By 2024, three-quarters of large enterprises will be using AI-enabled test automation tools that support continuous testing across the different stages of the DevOps life cycle.*
>
> - Gartner

Quality Engineering - The Fulcrum for Innovation

Growing complexity, increasing dependency on digitalization and a need to accelerate the business cycle time are some of the challenges being faced by Enterprises across the globe. With more and more Enterprises going digital, Quality Engineering has become the fulcrum for innovation.

Why Autonomous Software Testing?

1. Organizations spend thousands of hours creating QA tests for applications, manually navigating down the application, and debugging it from release to release.
2. Testers are required to match the test scripts to each different scenario and every slight change in the test environment.
3. A substantial amount of QA engineers' time goes into forming the test scripts and maintaining them with parameters, and monitoring the test success.
4. The enormous amount of time spent in manual testing produces very little time for actual software development and affects productivity.

Autonomous Software Testing Stage By Stage

Autonomous testing is a process of transformation from manual to assisted and moving to the fully autonomous stages in the latter stages.

1. **Manual testing**
   Manual tests are an advantage for smaller, beginner projects to understand the very basics of the application and what makes it work and identify the automatable scenarios.
2. **Partial automation**
   In this stage, a large chunk of the testing pipeline is taken over by the automation tool. Most tasks that were experimented for automation has found success and are running smoothly.
3. **Full automation**
   Partial automation makes way for automating the entire test pipeline by dealing with more complex testing procedures.
4. **AI-driven scriptless automation**
   This is the stage where advanced concepts like Intelligent self-healing systems and AI powered test script generations are experimented with.
5. **AI-driven autonomous testing**
   The Final destination for all the automation, where autonomous testing is implemented through the effective use of platforms and tools.

Innominds QE Testing Capability

We strengthen automation frameworks with our expertise in AI, ML, and analytics and cover all your QE needs from chip to cognition and from spec to ship.

AI-Driven QE and Scriptless Test Automation Services
Leverage AI/ML-led testing necessary to save time and resources.

Continuous Testing and Automation Services
Accelerated product development and release cycle with CI/CD and Agile testing.

Functional Testing and Automation Services
Test all functionalities, usability, and accessibility aspects to create functional perfection.

Performance Testing and Automation Services
Use ML and analytics- and cloud-based tools to assess stability and reliability under varying workloads.

Security Testing and Automation Services
Manage security threats and attacks across web, mobile, cloud, API, infrastructure, and connected devices.

API and Micro Services Testing and Automation Services
Drive your digital transformation agenda faster and smoother with our API and microservices testing services that ensure flawless inter-operability, integration, and business agility.

Innominds End-to-End Enterprise Testing and Automation Services

SAP Testing
Solutions and accelerators for all stages-from implementation, roll-out, application development, upgrade and support as an SAP partner.

Salesforce Testing
For smooth Salesforce enhancements and feature updates at high speed. We offer installation testing, configuration, integration, functional, end-to-end automation, non-functional testing.

ServiceNow Testing
For optimized system upgrades, lower resource costs, and glitch-free systems. We simplify ServiceNow testing with our expertise in modules across corporate functions-HR, marketing, and industries.

Snowflake Testing
Leverage our Snowflake testing services to eliminate data silos and make data accessible for rich insights that can mold the right customer experience.

Oracle Testing
With our deep expertise in testing various enterprise-level oracle implementations and deployments across various modules, we provide a wide range of oracle testing services like consulting, implementation, upgrades, roll out, support, and test automation across all Oracle applications.

Mainframe Testing
With Innominds' approach to testing all the key layers of mainframes: Operating Systems, Databases, EBS Integrations, and front end digital and Customer Information Control System (CICS).

Infor Testing
For implementing industry-specific multi-tenant cloud ERP applications. Our testing services will help you deliver a seamless and robust solution or application, ensuring they are aligned to your industry and market needs.

NetSuite Testing
We offer testing services for all NetSuite applications and upgrades-from ERP, CRM, analytics to commerce. Innominds can help your business be adaptable to market changes.

MS Dynamics Testing
Our testing services for MS Dynamics will help you get the most out of your ERP and CRM systems. We facilitate closer collaboration with various stakeholders.

Reducing Test Costs and Accelerated Releases with iHarmony™

As self-driving cars and autonomous industries are flourishing all over the world, Innominds has played a key role in building the platform for the future through iHarmony™.

Know more about iHarmony™

Use our AI-driven platform to test 60x faster and deliver first-time right products

iHarmony™-AI
A comprehensive AI-testing open-source platform for codeless test automation, supporting diverse platforms — web, mobile, API, Desktop/Windows, and more.

iHarmony™-Embed
Accelerates the testing of Android mobile devices features like telephony, multimedia, camera, thermal, and stability.

Design Right
Object repository, POM, components

Re-usable Library
Regularly updated 200+ re-usable methods for Web,

Test Data Management
JSON, XML data generation and integration with DBs

Test Harness Generator
Data, configuration, suites, environments

Integration and Continuous Validation
Defect management, traceability, external plugins, CI/CD

Our AI-driven QE services are bundled with iHarmony™ at no cost and are tailored to your business purpose, current automation maturity, and application stack.

E2E Automation
Jumpstart test automation journey with access to 230+ reusable methods and ready to use test automation Framework CI/CD enabled.

AI-led Testing for Functional, Performance and Security
One-stop solution that supports all Web and mobile applications and API testing.

AI-led Testing for Web and SAP Cloud
Supports all SAP cloud modules and also Web and Hybrid Mobile applications, API testing, and accessibility testing.

Want to keep pace with demand for faster testing by augmenting your QA team with AI power?

We can help!

Write to us for a demo of the platform marketing@innominds.com

About Innominds

Innominds is an AI-first, platform-led digital transformation and full-cycle product engineering services company headquartered in San Jose, CA.

www.innominds.com

Innominds
Powering the Digital Next

Trademark Disclaimer: All trademarks, logos and brand names are the property of their respective owners. All company, product and service names used in this infographic are for identification purposes only. Use of these names, trademarks and brands does not imply endorsement.