

Test automation, as an accelerator, is exciting and frustrating. It is exciting as test automation offers numerous advantages and frustrating because organizations are not able to achieve the full potential and have to continuously show the return on investment to their senior management. Test automation has become an increasingly critical and a strategic necessity in the current economic environment of plummeting cycle times and mounting budget pressures.

Test Automation should be done with a lot of planning to ensure that it is applied for the right situation! Having clear goals for automated testing is essential. Otherwise it could waste your team's efforts and time. It requires a specialist who understands automation, its application at the right stage in SDLC, approach to automate with appropriate tools & frameworks, and finally the right team to execute automation.

The MindTree team has extensive experience in Software Testing and Quality Engineering (STQE) and has successfully completed Test Automation projects for a number of customers from diverse industry verticals. MindTree's approach for test automation is beyond record and replay. The test automation solution is driven by Automation objectives and not by tool capability. Our Test Automation sub-services are carefully aligned and integrated around all the phases of development life cycle.

what's on your mind?

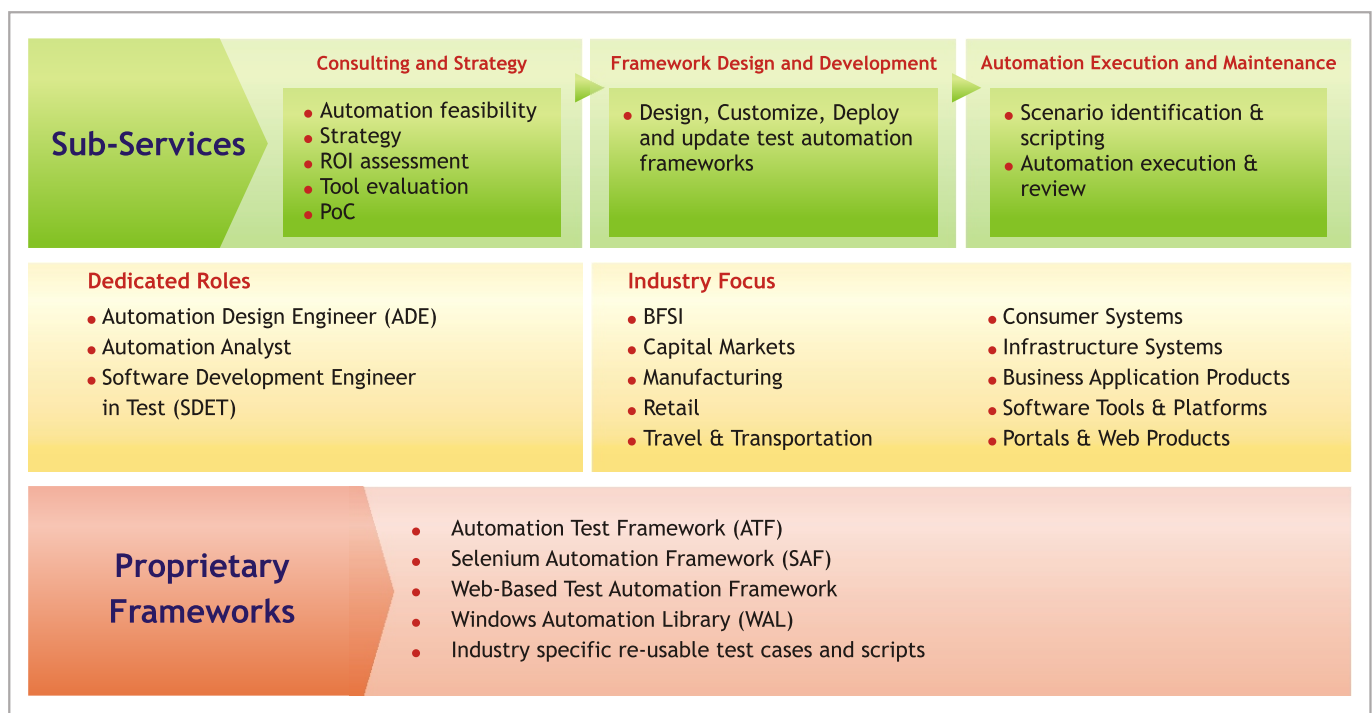
Is my product / application ready for test automation?

How can I justify up-front expense to management?

How can I plan software development to maximize return on test automation?

What are the most effective ways to measure test automation ROI?

How can I show a continuous ROI on my test automation investments?



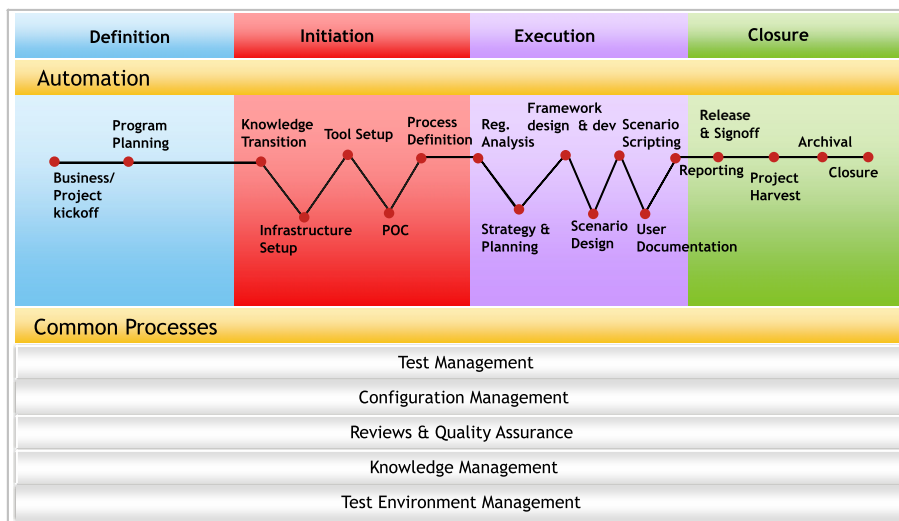
MindTree expertise covers a range of applications and variety of verticals. Our Test Automation services covers testing attributes, such as performance, security, and GiL. MindTree has defined and developed dedicated roles, such as Automation Design Engineer and Automation Analysts that it employs on test automation.

MindTree's Test Automation renders a robust automation framework, a more effective and efficient Test automation process and ensures better ROI through the complete application life cycle.

MindTree's test automation ROI philosophy goes beyond just cost factor and helps you address the ROI from quality, time, and Risk perspective as well. Our test automation specialists do an objective assessment of your current ROI and help you to maximize to an optimum level.

MindTest Test Automation Methodology

MindTree has designed a systematic methodology by utilizing its extensive experience and research for implementing the Test Automation process. We use this process to conduct software test automation for a variety of applications on client server, Web technologies, Web services, SOA and ERP.



Test Automation Tools Expertise

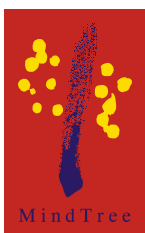
User Interface	UI Automation Library	Code Scanning	API Test Automation	Code Coverage	Others
<ul style="list-style-type: none"> • SilkTest • QuickTest Pro • Rational Robot • Visual Test • Auto IT • RFT • TestComplete • Eggplant • CanooWeb 	<ul style="list-style-type: none"> • Selenium • Jemmy 	<ul style="list-style-type: none"> • PMD • FxCop • PREfast • PREFIX • PREsharp 	<ul style="list-style-type: none"> • JUnit • Nunit 	<ul style="list-style-type: none"> • Clover • Ncover • EMMA • Bullseye 	<ul style="list-style-type: none"> • Unit testing - Rational Purify • Performance Tuning - Optimizelt • Memory leak - Jprobe • Visual Studio Team System Tools

MindTree Test Automation Differentiators

- 30% of MindTree's testing experts are specialized in Test Automation
- Certified automation specialists in tools, such as QTP 3)
- Access to educative programs and re-usable frameworks from tool vendors like HP, Rational, Borland, RedStone Software, and Empirix
- Alliances with leaders - iTKO for SOA, HP for Test CoE, Microsoft for VSTS-TAP

MindTree Customer Success Stories

- 55% reduction in execution time of test cycle for an online store
- 50% & 80% reduction in test scripts development and test automation framework maintenance time respectively for a Web based T&E management solution
- Saved significant hardware and resource costs by automating 60% of features for an ecommerce portal
- Saved 80% of hardware costs, and reduced test execution time by 45% for a server lifecycle management product



ABOUT MINDTREE

MindTree Ltd. is a global IT Solutions Company specializing in IT Services, Independent Testing, Infrastructure Management and Technical Support (IMTS), Knowledge Services and Product Engineering, which comprises of R&D Services and Outsourced Product Development. MindTree partners with its clients to create a transparent, value-based relationship. Our people build innovative solutions in a wide range of technology domains that enable our customers to succeed in their business goals.

USA | India | United Kingdom | Singapore | United Arab Emirates | Sweden | Germany | Japan | Australia