



Mindtree

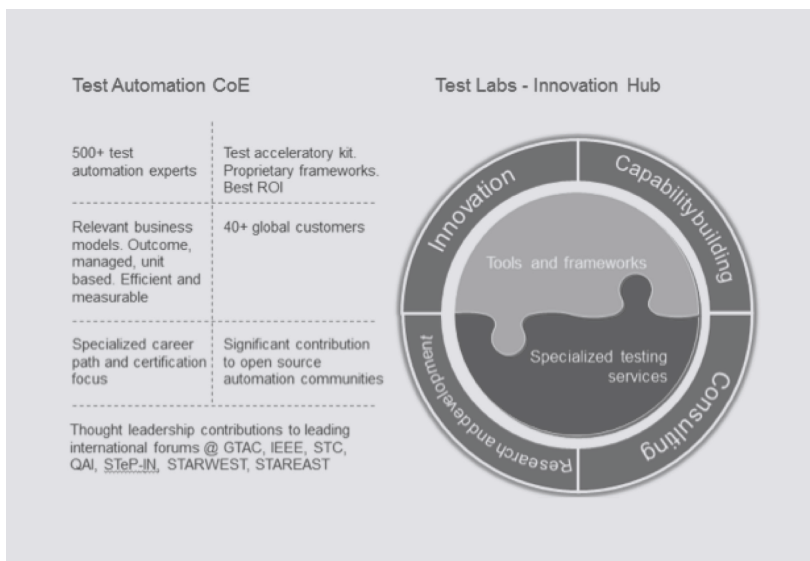
Welcome to possible

Mindtree test automation services.

Budget pressures, plummeting cycle times and increased focus on predictable quality make test automation a critical tool today. While test automation has many advantages, it can be a deterrent when employed before its time. Today, test automation is a strategic initiative employed by customers globally to drive the quality of the software product. Hence, it is essential to have clear goals and a road map for automated testing..

Mindtree helps customers to address key issues and recommend a precise test automation methodology with clearly stated goals and check points to deliver predictable quality. Mindtree has a rich set of Intellectual Property (IP) frameworks and automation tool expertise to suit diverse needs of customers. We ensure that business critical requirements of our customers are met with quality irrespective of the software development model being employed. Our expertise is backed by two strong pillars - test automation CoE and Test Labs. Mindtree’s expertise covers a range of applications and

Test Automation Expertise



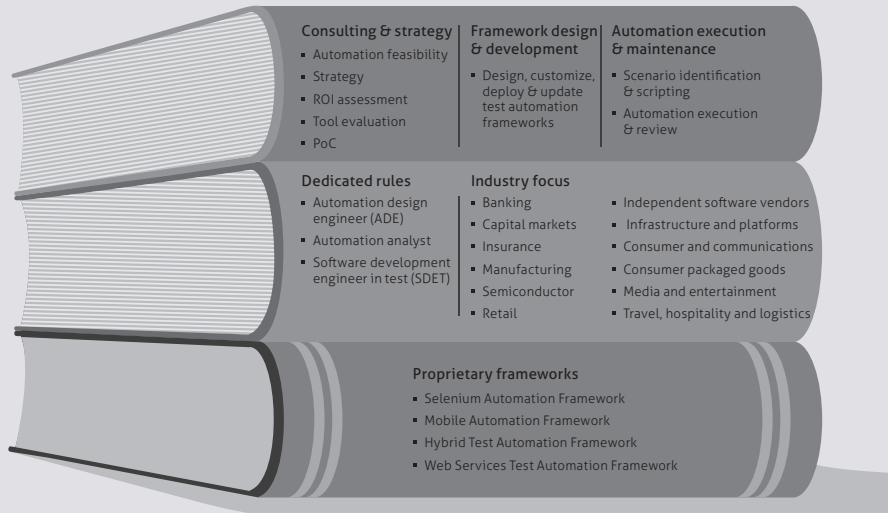
Business challenges

- How can I show a continuous ROI on my test automation investments?
- What are the most effective ways to measure test automation ROI?
- How can I plan software development to maximize return on test automation?
- How can I justify up-front expense to management?
- Is my product / application ready for test automation?

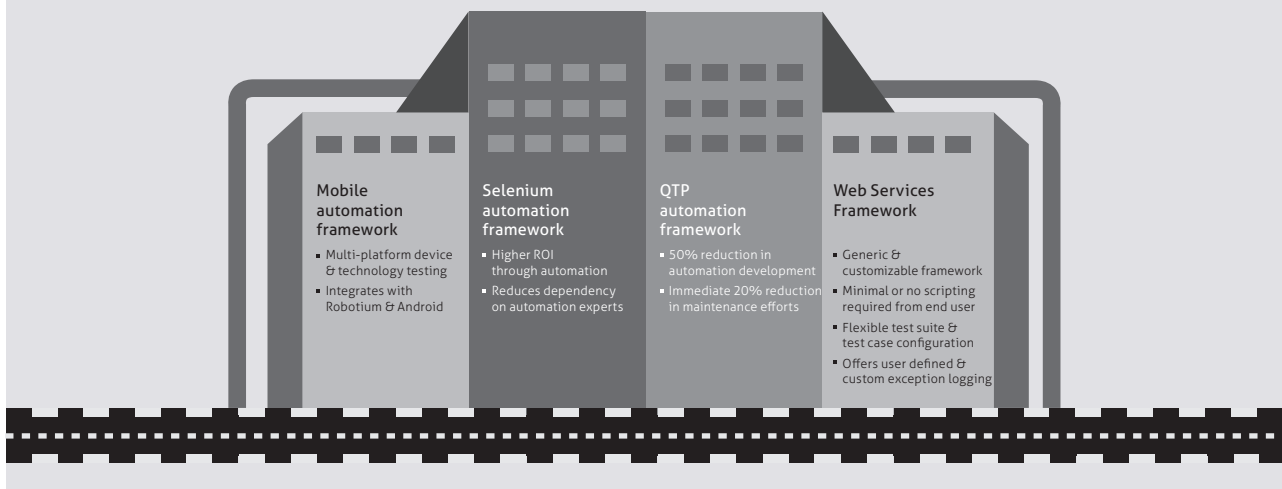
Differentiators

- 30% of Mindtree's engineers and architects are specialized in test automation
- Certified automation specialists
- Consulting approach to reduce risk and maximize ROI
- Test Labs driven domain-specific automation tools and frameworks
- ROI approach with focus on four factors - cost, quality, time, risk

TEST AUTOMATION SERVICES



TEST AUTOMATION FRAMEWORKS

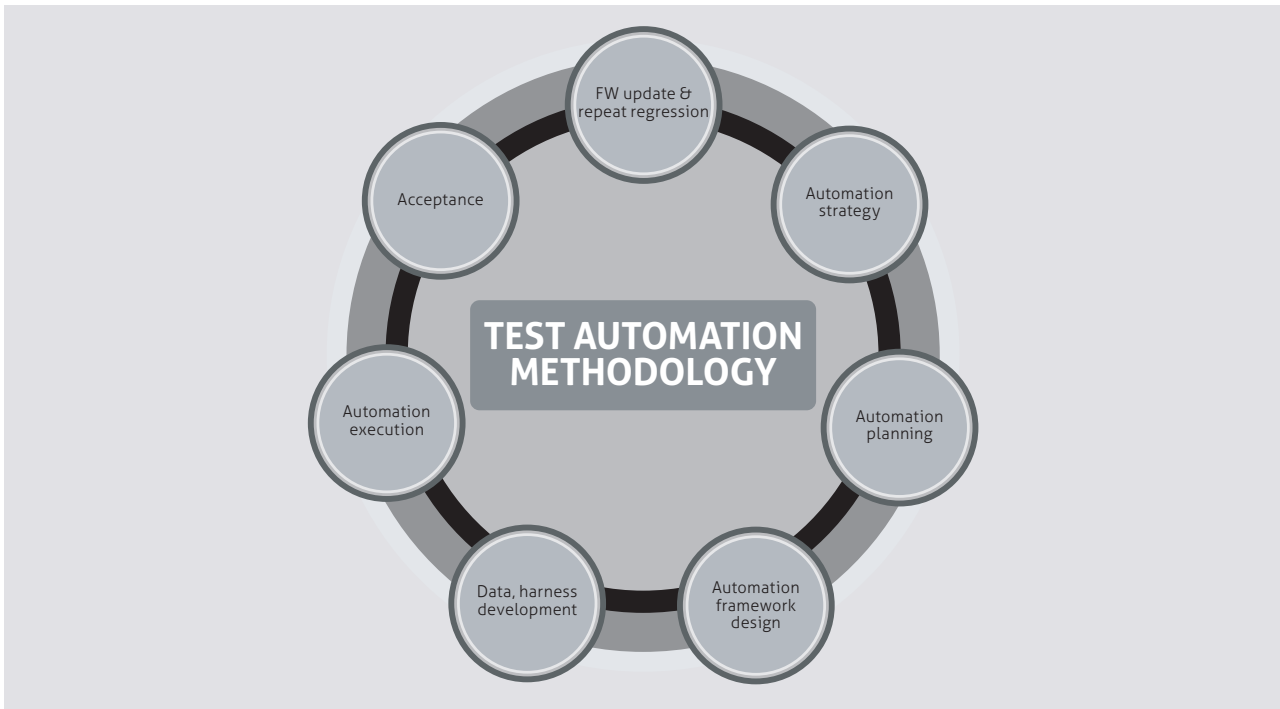


variety of verticals. Our test automation services covers testing attributes, such as performance, security and GiL. Mindtree has defined and developed dedicated roles, such as Automation Design Engineer and Automation Analysts that it employs on test automation.

Mindtree's test automation 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.

Mindtree 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. We have a world class methodology:



Test automation tool expertise

User interface testing	UI automation library	Code coverage
<ul style="list-style-type: none"> ■ Quick test professional ■ Silktest / testcomplete ■ Visual Studio Team System (VSTS) ■ Rational robot / Rational functional tester ■ Eggplant / Canoo web ■ AutoIT / sikuli ■ SOAPUI 	<ul style="list-style-type: none"> ■ Selenium, webdriver ■ Watir, watin ■ Flex-selenium, flexmonkeum / flex monkey flexpilot ■ Calabash, capybara ■ Canoo web 	<ul style="list-style-type: none"> ■ Clover ■ NCover ■ EMMA, ecl-EMMA ■ Bullseye
Business Driven Development (BDD)	Unit / API test automation	Others
<ul style="list-style-type: none"> ■ JBehave ■ Cucumber 	<ul style="list-style-type: none"> ■ JUnit / NUnit ■ TestNG ■ PHPUnit / PerlUnit / PyUnit / RubyUnit ■ VSTS Unittest / Flexunit 	<ul style="list-style-type: none"> ■ Unit testing - rational purify ■ Performance tuning- optimizeit ■ Memory leak - JProbe ■ IBM appscan ■ STAF

Success stories

Leading online store

- Unified automatio framework
- Domain level reusable modules
- Continuous integration
- 5000+ test cases automated using java / selenium / hudson

Leading car rental provider

- One of the largest SAF based implementation
- HTML based utility for user to pick and execute test cases from the list
- Improved traceability and test coverage

SaaS based human capital management system provider

- 12,000 test cases regressed
- test case optimization
- Large outcome-based pricing project
- Regression testing reduced by 75%
- Execution increased: 3.5 to 15 TCs / day

Global leader in thermal imaging

- Automated 68 hours of manual testing
- 4 different builds & 17 camera configurations
- Optimized utilization and sharing of cameras
- Provide a easier and secure way to apply update

About Mindtree

Mindtree is a global information technology solutions company with revenues of over USD 400 million. Our team of 11,000 experts engineer meaningful technology solutions to help businesses and societies flourish. We enable our customers achieve competitive advantage through flexible and global delivery models, agile methodologies and expert frameworks.