Automate **Test design**, **Data**, **Execution** and **Deployment**

SmartQE

Automate test design, data and execution
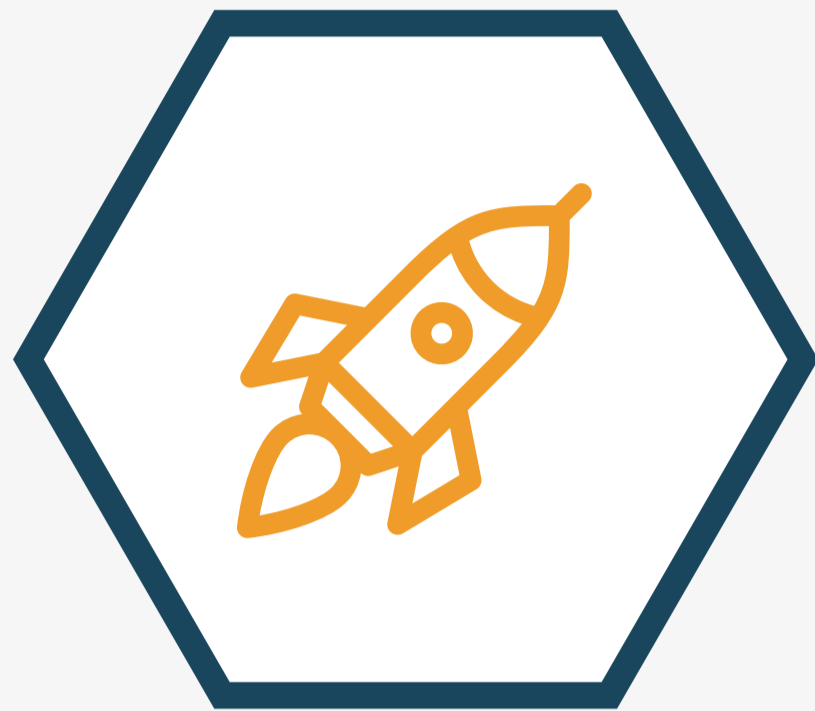
SmartQE Business Value

SmartQE is a Cloud based SaaS AI and ML powered opensource framework, accelerate delivery in short time for Business value with more deployments. SmartQE ensures agility in the Agile/DevOps. AI/ML based QA solutions help to improve efficiencies and bring business risk predication to testing which results faster go-to-market.

SmartQE "Release and test automation help you reduce project cost by 40%, improve quality by 45% and reduce overall time spent on testing by 50%."

Benefits		Strategy	Design	Data & Configuration	Release Execution & QA Validation	Release & QA Analytics	Savings
Cost	▼	5%	15%	10%	15%	2%	47%
Quality	▲	5%	10%	10%	10%	5%	40%
Time	▼	3%	15%	5%	30%*	2%	50%

* - For new automation only

SmartQE
Automate test design, data and execution

Auto-testing and validation

- Automation testing and validation catches issues before they hit business risk

- Seamless integration with all major testing tools and version control systems

- Easy merge process to avoid conflicts without coding

Zero Configuration - DevOps

- Create end-to-end CI jobs and configurations without coding required

- Simple interface to Commit, Merge, Test, and Deploy configuration changes

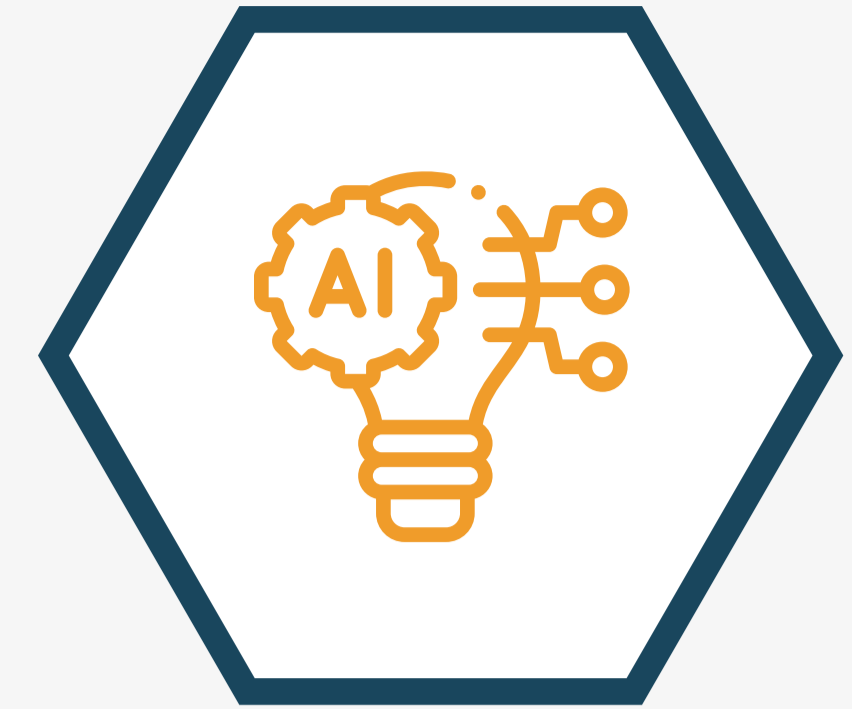- Eliminate the need to setup an individual developer system

Click away deployment

- Set permission, Workflows and Triggers.

- Avoid headaches pre-deploy dry runs and rollbacks.

- Deploy code without having manual interventions with 10x faster

Accelerate –

Release management solution automates deployment management. Parallel builds and deployment automation provide the fastest release by multiple Dev teams to build and deploy simultaneously. Automation testing and validation is catch defects early stages of life cycle.

Optimize –

Advanced opensource technology stack enabling the fastest commits and deployments. Analysts and release managers have ready-to-use version control, deployment, testing solution to improve time to market

Flexible –

CI/CD workflow across the tools starting from user stories, version control and deployments.

- ✓ Easy-to-understand deployment logs for future analysis
- ✓ Prevent deployments from failing by automatically removing any components that do not exist in the destination.
- ✓ Generate reports to validate a successful deployment

Deployment Automation can support variety of deployment types:

- ✓ Cloud and on prime Parallel deployments
- ✓ Deployments using builds
- ✓ Deployments using Package.xml files
- ✓ Deployments using a previously deployed build into a new destination
- ✓ Deployments using Version Control Revision Number

Test Automation

Test Automation accelerates the testing process by integrating test scripts and test case generation with customers' existing software test tools. Test automation capability allows the test team and developers to collaborate on test scripts and manage test cases to eliminate errors and reduce cycle times.

- ✓ Test More and Test Faster
- ✓ Deploying Test Automation reduces test time and costs.
- ✓ Support for standard test procedures for Web, API, Mobile functional, Performance, Security and Infrastructure
- ✓ Support Unit, SIT and regression testing
- ✓ Auto-generate test scenarios to run against multiple release environments and multiple browsers.

- ✔ Help to run multiple Test environments test types, code quality & Unit test run an dev environment. Functional & Regression test run on QA environment. Performance test run an exclusive environment similar to production parallelly.

- ✔ Deliver visibility of Apex Test Execution, detailed test coverage and class coverage reports.

- ✔ Record and playback your recorded test cases from the SmartQE solution

- ✔ Data Extraction framework to separate data from test script and enhance with multiple datasheets.

- ✔ Integrate, Run test scripts from any source control and third-party testing tool

- ✔ Bi directional sync b/w SmartQE and ALM tools Jira and Rally

- ✔ Script maintains time **50%** and efforts/cost will reduce **by 47%**

- ✔ Runtime test lab setup will **reduce 70%** of hardware and software resource utilization

- ✔ **AS/400 and mainframe** automation with opensource framework

- ✔ Pre-built regression automation scripts can be used from day one **Salesforce, ServiceNow, Workday, Coupa & Concur, Oracle Cloud products, Web 2.0, API and Mobile**

Reporting and Access

✔ Standard and Custom reports

✔ Dashboard

✔ Predictive analytics and KPI's

✔ Analytics and reports

✔ Role based access

Business Values

✔ Respond to your Business with **Faster Speed to Market**

✔ Single framework support legacy, modern digital UI and UX technology stack release and test automation

✔ Getting new business requirements implemented faster guarantees return on investment, more revenue and enhanced market competitiveness.

✔ Provides visibility into the business value flowing from planning through release to production.

✔ Release pipeline and creates a link between software planning and delivery activities

✔ Scales seamlessly for large Dev teams and multiple internal LOB's. Cost effectiveness with no CAPEX and OPEX. SmartQE the As a Service will ease the way services are offered to digital businesses

✔ Scales seamlessly for large Dev teams and multiple internal LOB's. Cost effectiveness with **no CAPEX and OPEX**. SmartQE the **As a Service** will ease the way services are offered to digital businesses

✔ Best Automated DevOps and custom CI/CD Platform

✔ Integrates more third-party development tools with API's

✔ Extensible to add industry and environment specific solutions

SmartQE
Automate test design, data and execution

- ✓ Connect with business, operation and delivery, providing traceability from high-level initiatives

- ✓ Prioritize market and customer needs

- ✓ Improve Coordination, communicate and collaborate effectively

- ✓ Increase team performance, End to end software delivery

Contact Us

Would you like to know more about SmartQE? Please contact us here :

📞 **+91-40-2355-1445**

🌐 **www.smartqe.co**

SmartQE
Automate test design, data and execution