

# Test Plan Automation

In an age where the cost of quality is an ever growing metric, enterprises must be able to automate the biggest bottle neck in their test lifecycle - planning.

AutonomIQ's Test Plan Automation Suite helps companies automatically generate test cases and scripts, populate with synthetic data, and autocorrect and auto-maintain the test lifecycle

## Benefits

- Eliminate Manual Test Script Creation and Maintenance
- Standardized and Automated Testing Systems
- Seamless Data Management through Synthetic Data
- High Speed, Superior Quality, Reduced Risk
- Reduce defects and improve quality

## Key Features

- Automatic App Discovery
- Leverage NLP to automatically create test scripts
- Auto-maintain existing assets
- Automatically generate synthetic test data
- Platform to handle scale and volume issues
- Seamless integration with CI/CD pipeline for Continuous Testing

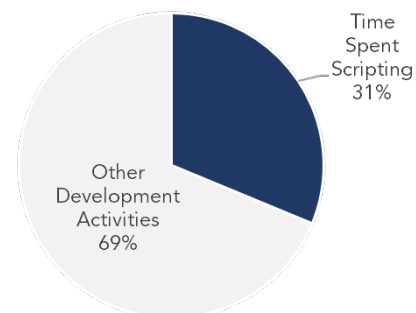
## Scripting Takes a Large Part of the Sprint

8 Developers per 2 Week Sprint → 640 Total Hours

~ 50 Functional Test Cases per Sprint

3-5 Hours to Create and Maintain Each Test Cases

150 – 200 Hours Total Spend Scripting



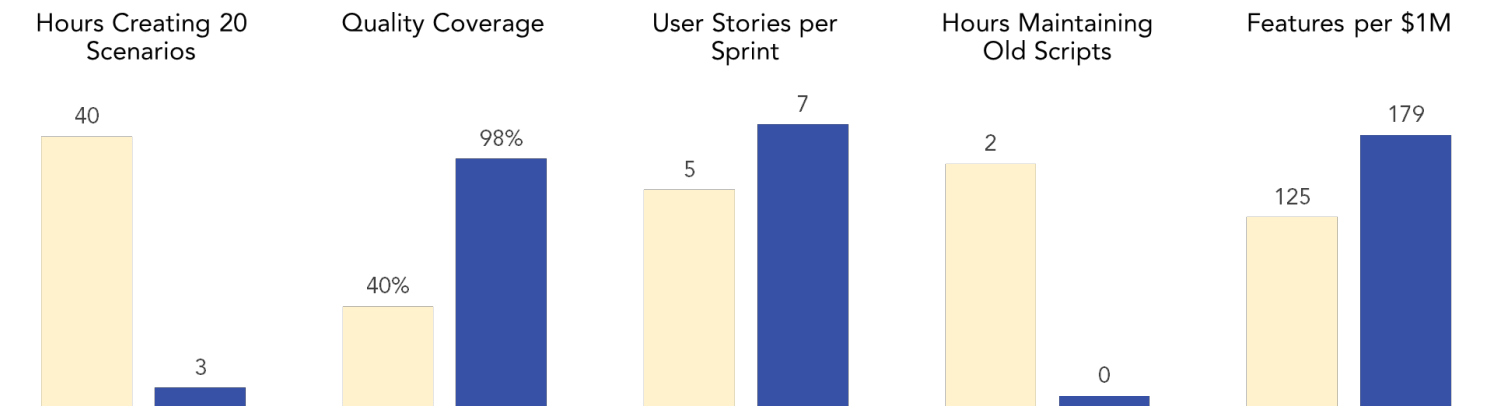
Today's enterprises are challenged with a glaring dichotomy – release more features into the market and spend less money. Yet most enterprises must deal with their short term problems, devoting IT's time fixing MIs, a task critical to operations but that drains the talent needed for long term strategy execution. And where they fall short? Ad hoc, manual testing. By not addressing the problem, they sacrifice the potential for lean teams that high quality for low

One critical place to fix today is the test planning cycle. By leaving test case creation, test script generation, and test data acquisition manual, companies not only lose time performing tasks, they also reduce quality, often forcing them to spend countless hours reworking mistakes they could have caught earlier in the process.

## From Requirements to Scripts in Minutes

With AutonomIQ’s Test Plan Automation Suite, enterprises can automatically generate test assets in minutes, leveraging the latest in AI to provide an enhanced, standardized testing lifecycle. After QA teams create test cases based on their requirements, AutonomIQ uses natural language processing to automatically convert those test cases to Selenium scripts.

Once teams go through the first test plan cycle for any given app, AutonomIQ maintains the test scripts generated, making sure they are automatically updated as changes are made to the application under test, significantly reducing maintenance effort for QA departments. Leveraging AutonomIQ’s Test Plan Automation Suite, QA teams can stop spending time putting out fires and start focusing on delivering features faster, without compromising quality.



*For more information, please visit*

 **AutonomIQ.io**

AutonomIQ is a cloud platform that enables product and IT teams to autonomously test, release and deploy software, thereby increasing velocity of software releases without compromising quality. With pre-built integrations to common web applications and SaaS providers, customers can instantly create test cases, generate test scripts and test data, and execute tests. Using deep-learning and AI algorithms, AutonomIQ detects changes, enables self-healing for test assets and provides advanced diagnostics. In real world situations, AutonomIQ has been shown to provide over ~50% improvement in speed and quality compared to existing tools and techniques. For more information, please visit [www.AutonomIQ.io](http://www.AutonomIQ.io)