

## ORDER DETAILS

### 1 Effort Estimation

Tricentis estimates this engagement to result in the following efforts:

Task/Role	Location	Effort [PH]
Automation Specialist [India]	Remote	224
Automation Engineer [India]	Remote	48
Automation Architect [In Region]	Remote	24
<b>Total</b>		<b>296</b>

### 2 Description of Roles

**Automation Architect.** Automation Architects are IT professionals with a degree in software engineering or computer science or equivalent and 3+ years of experience in the following fields: Software Application Development, Support, Design or Testing. Automation Architects can solve complex problems by breaking work items down and overseeing the execution and delivery of a team towards resolution. This role acts as an SME for common automation/testing challenges (e.g.: test data, environment configuration, etc.) and provides coaching for their teams by pro-actively suggesting solutions for these challenges. This role insures the value of quality, serves as the main source of quality control, and leads the on-boarding process. The Architect will also provide direction on the effective use of risk-based testing and test case design, effective test data management, and test automation access. Automation Architects act as the main point of contact between the client stakeholders, the Tricentis and Supplier teams assigned to the initiative, as well as the Tricentis product teams as necessary.

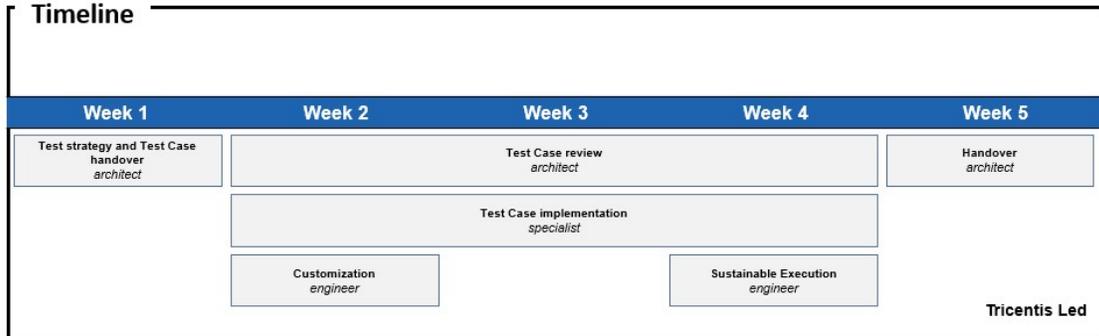
**Automation Engineer.** Automation Engineers are IT professionals with degrees in software engineering/computer science or equivalent with 2+ years of experience in object-oriented software development – particularly C#. The Engineer assists in the creation of test cases and provides business abstractions of the UI and API interfaces to enable non-programmers to accomplish test automation. The focus of the automation engineer is to ensure that automation is made possible with the highest degree of stability for the applications in scope. Engineers contribute learnings to the any outlook/retrospective events with Customer, including recommendations for future extensions and enhancements.

**Automation Specialist.** Automation Specialists are IT professionals with a few years of experience in either: Software Application Development, Support, Design or Testing. Automation Specialists create test cases, provide training, and perform hands-on coaching. This role also assists in the automation, running and maintenance of test cases. The focus of the specialist is to transport knowledge of Tosca's practical application as a tool to the users.

3 Example Timeline:

## Partner Seed Pack

For customers that need more people to create automation faster



#### 4 Package Content

- The system under test must be determined to be a technology stack supported by the core Tosca product. If that determination cannot be made during a deep dive of the system by the Architect and the Engineer, then another system under test will need to be identified.
- This Package is solely intended for the creation of 25 Automated Test Cases on the Tricentis Tosca platform.
- This Package will require full remote access into Customer's environment to perform the services described.
- Tricentis will select a third-party company to deliver the services described herein under Tricentis supervision.
- Customer is responsible for documenting the selected test cases in a way to allow for remote delivery (very thoroughly).

##### Test Strategy

The Customer will identify key functional areas of the application in scope and present the specific scenarios they have identified as candidates for automation. The Architect will review the candidates and confirm them as acceptable for automation and a fit for the timeline and budget of the project. Scenarios that are not confirmed will need to be reviewed and reworked or replaced with another candidate. If manual test cases exist for the Customer, the Architect will assist in determining any adjustments that will be necessary to prepare the manual test cases for automation. This could include breaking existing Customer test cases into smaller pieces, reducing dependencies between test cases, or helping to determine which test cases are suitable candidates for automation.

Once the Test Strategy has been defined Customer and Tricentis will mutually agree on what constitutes the 25 Test Cases deemed the deliverable of this Package.

##### TestCase Handover

The Customer will provide all necessary documentation required to automate the selected 25 test cases. This will include the necessary steps, data inputs and verification points to be tested. The Architect will confirm the completeness of the documentation and work with the Customer to gather any missing elements. Upon completion of the hand over, both parties will approve the definition of the 25 test cases in scope, and any changes made after the handover may result in timeline delays and/or budget changes.

##### TestCase Implementation

The Specialist will create all the necessary artifacts to successfully build the 25 test cases. This will include all the modules and test steps required for execution of the test cases. These test cases will be created following standards and best practices for folder structure, naming convention, and quality. The test cases will be executed against the system under test to demonstrate the robustness of the execution at the time of the handover.

##### Customization

Extensions or Special Execution Tasks (SETs) that are determined to be necessary by the Engineer to support the automation efforts of the 25 test cases will be built for the application in scope. The Engineer will provide the necessary files to implement and steer the specific controls or SETs.

##### Sustainable Execution

The goal of this task is to fine tune the automated test cases created for sustained, repeatable execution. The Engineer will create and implement an unattended execution strategy which may include such things as design and implementation of Recovery Scenarios where needed. This task will result in an Execution List that is stable when run against the system under test.

##### Quality Checks

Over the course of the project, the Architect will be performing quality checks to ensure the delivery of the Tosca components and tasks are progressing properly and in accordance with standards and best practices. The Architect will review the test cases as they are created to ensure that proper structure, naming conventions, automation best practices and quality standards are adhered to. The Architect will also ensure that automation metrics are met.

##### Final Handover

An architect will provide an assessment of the 25 TC engagement, gaging the quality, performance and Customer satisfaction with the test cases. The handover will include a subset containing the created test cases, documentation on any customizations created, and a demonstration of the work completed. After the handover, maintenance of the test cases, customizations, and all other Tosca artifacts becomes the responsibility of the Customer.