

Test Automation Strategy

Establishing a vision and mapping the route to success

Overview

As organizations move forward and gear up for growth, having a clear direction is critical. Often, processes and goals are stored in the minds of business leaders and subject-matter experts, but they are not articulated and clearly mapped out for all to follow and work towards. Without clarity, progress is difficult and roadblocks are inevitable.

This is where Keysight's Test Automation Strategy can provide clear direction. It is a vital exercise ahead of any long-term transition to automated testing which will establish the environment for success.



Establishing the how, when, where and why of test automation

In the discovery stage, our goals are to:

- Identify where you are today.
- Establish your vision for the future.
- Prioritize the set of recommendations to get you there.
- Provide a realistic roadmap to implementation.

Identifying key areas for improvement

Your Keysight Consultant will interview key personnel in your organization to establish:

Your vision - establish the desired testing outcomes

Including a stakeholder analysis, your target maturity position, establishing your test outcomes and their critical dependencies.

Your current environment - establish the current test environment

Examines your testing infrastructure, your organization's change readiness, your current maturity position, all within the wider business context.

Your digital test gap - identify the capability gaps and key change streams

Establishes how to maintain strategic alignment, the required organizational structures along with the resources and capabilities to support those structures.

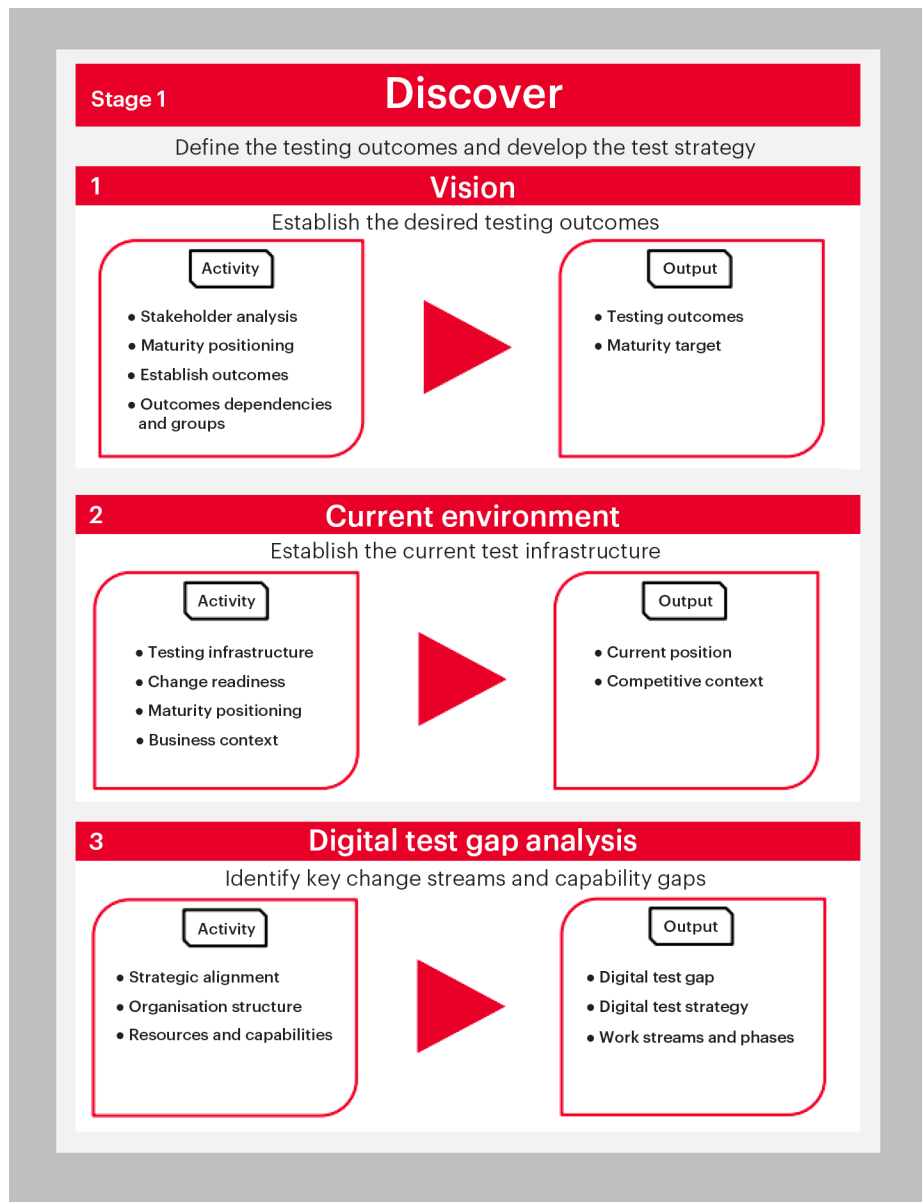


Figure 1. By speaking to the C-Suite and leaders and employees in every business unit, we'll be able to deliver a comprehensive, outside perspective.

Shaping an automation strategy via five lenses

Outcomes - Articulating the target testing outcomes and their priorities.

Governance - Implementing the oversight structures to deliver the outcomes.

Organization - Building the team to address the future.

Culture - Navigating the journey from the company's current culture to desired culture.

Process - Enshrining the processes and practices that execute change and drive behaviors.



Outcomes



Governance



Organization



Culture



Process

Figure 2. Your Keysight Consultant will use five lenses to assess your current position and map a clear route to achieving your vision

Map your path to the delivery of your vision with the test automation strategy

The process outlined here culminates in the provision of your test automation strategy report. Giving you a clear, strategic approach to test automation, this report provides a blueprint for progression and growth over the next three to five years. It puts you in the best position to enable your journey along the test automation maturity curve.

Establishing your company's strategy for successful software test automation

Description	Details
Test automation strategy	Discovery report (Test automation strategy) - Vision - Current environment - Digital test gap analysis SPN: EG4011A-003

Test automation strategy deliverables and details:

Vision

- Testing outcome
- Maturity target

Current environment

- Current position
- Competitive context

Digital test gap analysis

- Digital test gap
 - Digital test strategy
 - Work streams and phases
- Billed upfront after receipt of purchase order
 - Up to 160hrs of consulting services towards discovery report
 - If required, all travel and living costs are extra
 - Service provided by Keysight Eggplant Implementation Architect

Contact one of our team members today for further information.



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