
MULTI DOMAIN TEST AUTOMATION AND ORCHESTRATION

for a Telecommunication Service Provider



Services: Automation Orchestration, Cloud, Edge Computing

OVERVIEW

The customer is one of the World's Largest Telecommunications Companies with over **\$170 bn** revenue. They wanted to automate validation of VOIP services for different IP phone vendors in pre-production and production environments.

CHALLENGES



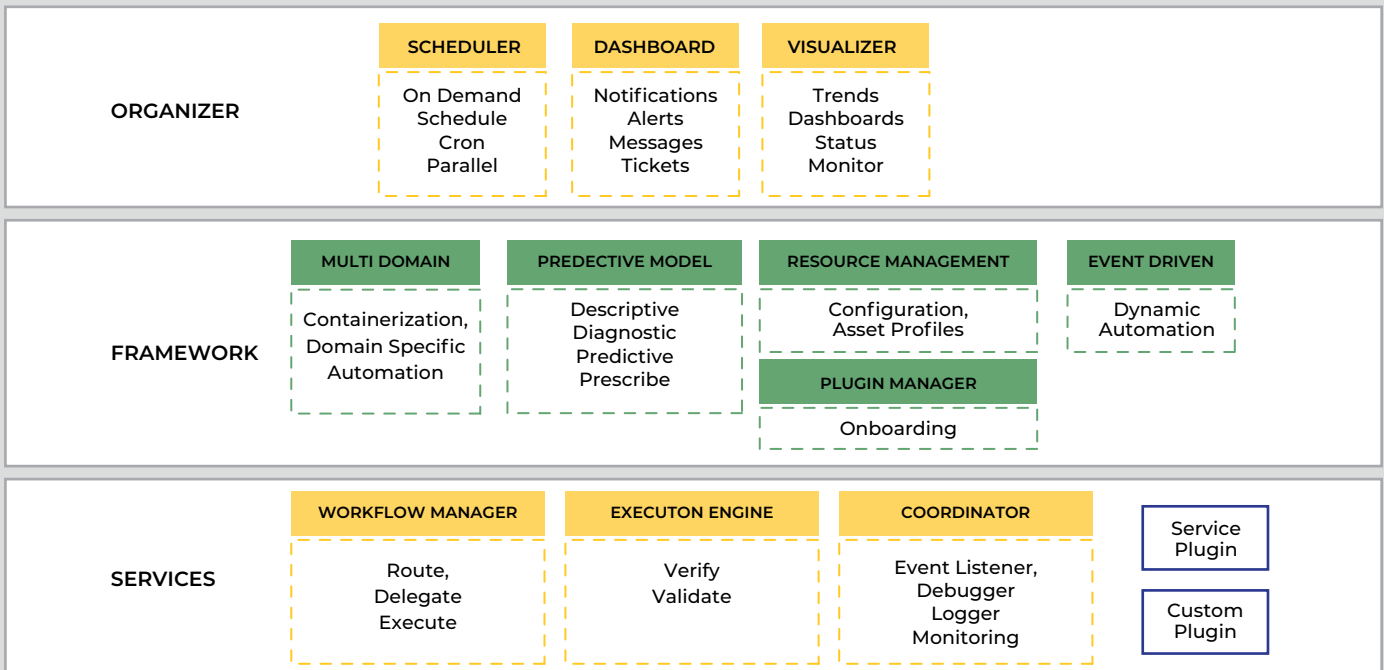
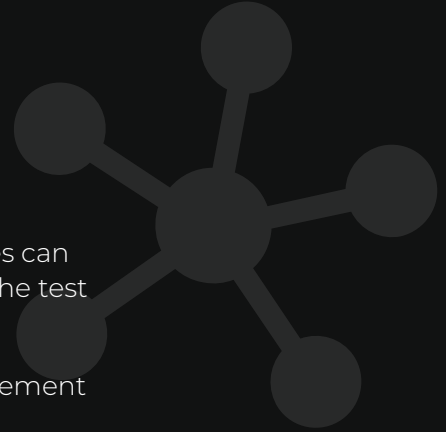
Manual validation of test cases on Multi Vendor Product is time consuming



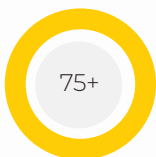
Efficiency and Accuracy of test results impacting the service delivery

SOLUTION

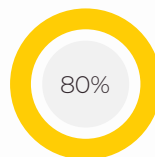
- 1 Design:** Multi Domain Test Automation Framework for test case automation and release
- 2 Build:** Automated test functions through the REST, XML API and Action Scripts. Organized test functions in the form of test suites. The test suites can be selectively scheduled, executed and presented. Detailed analysis of the test results and prompt the user for correcting the failures in the system
- 3 Deploy:** Service Orchestrator for Test Automation and Test Case Management



OUTCOMES



75+
Automated Validation of
Test Cases in Multi Vendor
Environment



80%
Reduced Cycle time for Testing
and Release through Multi
Domain Test Automation