iAF-P
(Integrated Automation Framework-Premium version, formerly known as SwiFT)

Tech Mahindra’s in-house automation framework provides greater Agility to the automation teams
The need for automation

Automation is a proven mechanism for improving the quality, efficiency, risk reduction and cost effectiveness. Manual software testing is tedious, exhausting and often repetitive not only for source code changes and other situations like multiple operating environments and hardware configurations. An automated testing tool is able to re-run predefined actions, compare the results to the expected behavior and report the success or failure of these manual tests to a test engineer. Once automated tests are created they can easily be repeated and can be extended to perform tasks impossible with manual testing.

Tech Mahindra’s solution

iAF-P is Tech Mahindra’s in-house flagship automation framework designed for test automation tools like HP UFT, HP LeanFT, etc which helps in automating manual test cases with minimal efforts, generating early return on investment. iAF-P supports automation of multiple technologies like SAP, Java, Siebel, etc along with mobile applications like Silk & HP Mobile Center for reusable artifacts and generic functions that are easy to customize as per the business needs.
Tech Mahindra Advantage

iAF-P provides a high quality Test Automation Service and caters to end-to-end automation requirements including the setup of a Test Automation Center of Excellence. This service takes your existing automation solution forward ensuring it adheres to best practice and delivers value to the business by addressing your current issues and problems first.

Tech Mahindra has proven credentials and assets in the test automation space:

- A ready-to-deploy pool of automation subject matter experts for faster transition
- 25 years of testing experience and a TMMi Level 5 certification
- Dedicated test automation competency with global labs

Client Benefits

- Low test maintenance with 20% saving
- Easy to design Automation test scripts
- Saves 70%+ of technical resources
- 80% of efforts saving in design of Libraries
- 60%+ of efforts saving in Test Automation
- End to End journey with multiple applications
- Selection of Tests for execution (batch execution)
- Integration with Test Management Tool and CI
- Automated test execution is faster than manual testing process, thereby improving time to market and results in higher confidence on deliverables.

Key Differentiators

- User friendly Interface
- Custom Reports and auto email with execution results in different formats (.xlsx and .html)
- Integrations with Test Management tool to achieve CI
- Designed using Hybrid Approach (Keyword and Data Driven Approaches)
- Custom Object Repository to minimize efforts in updating automated scripts
- Detailed Help Document(s)
- Supports -
  - Multiple Technologies – SAP, Siebel, Java, .Net, Web (including SFDC), Windows
  - Mobile applications (Silk and HP Mobile Center)

Architectural representation