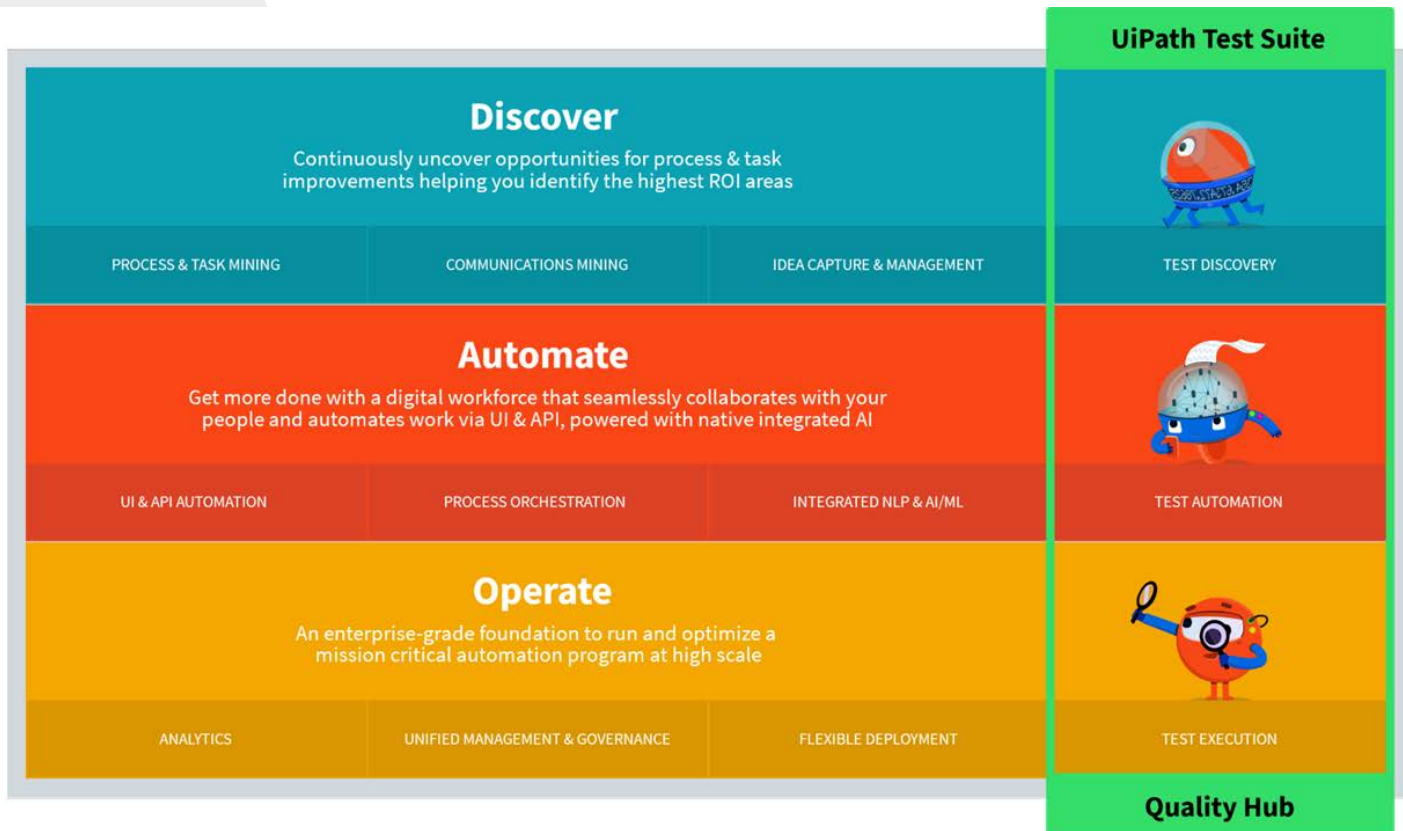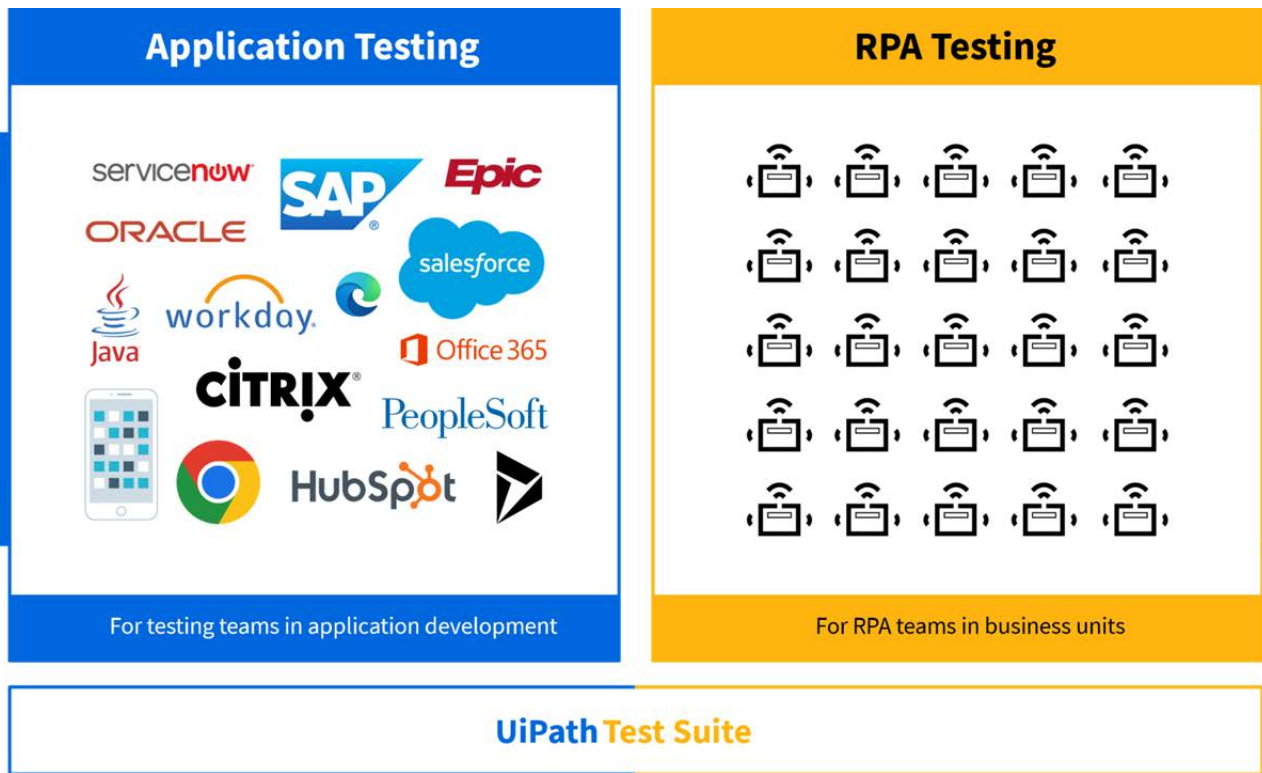# UiPath Test Suite Basics

Exploring the essentials

UiPath Test Suite is the automated testing solution powered by the UiPath Business Automation Platform. The UiPath Platform does more than just empower you to discover automation opportunities; it also provides the means to automate them. Beyond these capabilities, the Platform also offers tools for the operational context to enable you to deploy, govern, and measure the real-world impact of your robotic process automations.

UiPath Test Suite

Discover
Continuously uncover opportunities for process & task improvements helping you identify the highest ROI areas

| PROCESS & TASK MINING | COMMUNICATIONS MINING | IDEA CAPTURE & MANAGEMENT | TEST DISCOVERY |

Automate
Get more done with a digital workforce that seamlessly collaborates with your people and automates work via UI & API, powered with native integrated AI

| UI & API AUTOMATION | PROCESS ORCHESTRATION | INTEGRATED NLP & AI/ML | TEST AUTOMATION |

Operate
An enterprise-grade foundation to run and optimize a mission critical automation program at high scale

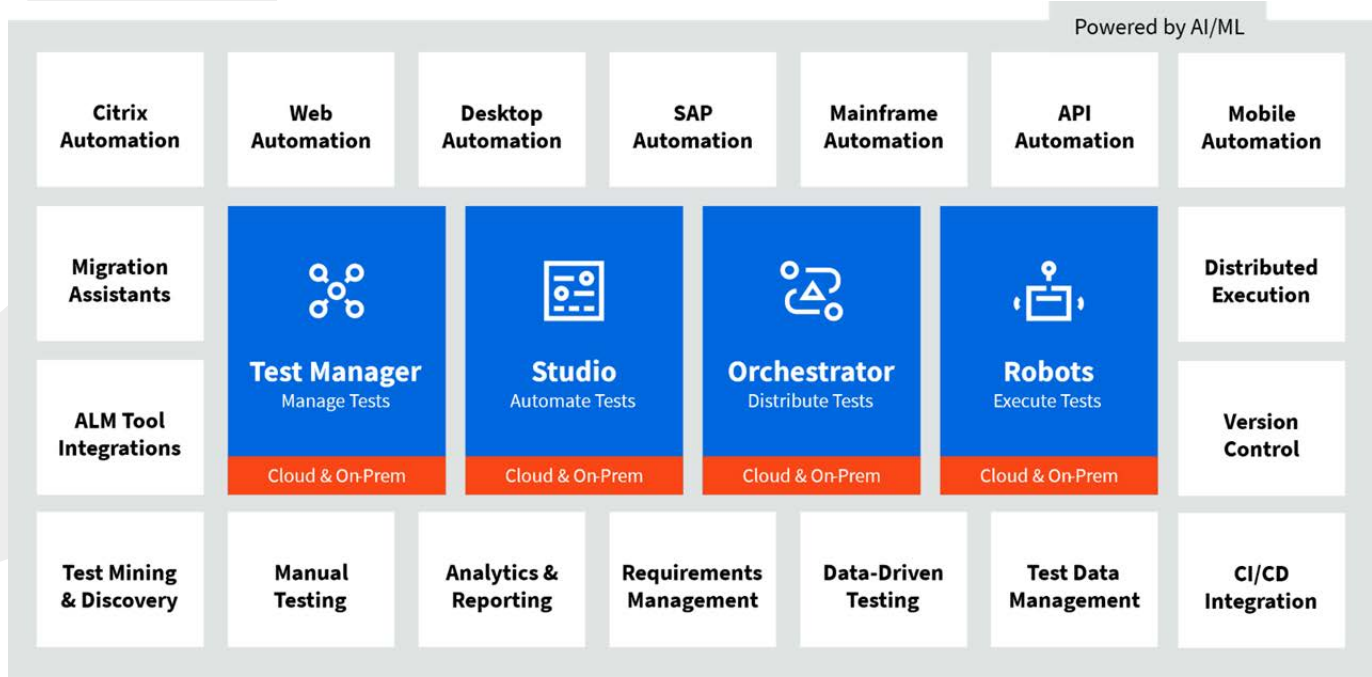| ANALYTICS | UNIFIED MANAGEMENT & GOVERNANCE | FLEXIBLE DEPLOYMENT | TEST EXECUTION |

Quality Hub

Powered by the UiPath Platform, UiPath Test Suite provides capabilities for everything from discovering tests, automating tests, and running tests, to analyzing test results and managing your testing efforts. Essentially, UiPath Test Suite is the quality hub of the UiPath Platform, acting as the backbone of both your top-notch robotic process automations and high-quality software applications. So, UiPath Test Suite has a dual purpose:

First, UiPath Test Suite is used by testing teams in software development to test a wide range of software applications, including web apps, mobile apps, and CRM/ERP systems like Salesforce, ServiceNow, and SAP. This type of testing is called application testing. Secondly, Test Suite is used by RPA teams, who are typically found in business departments such as marketing, finance, and sales, to test their robotic process automations. This is known as RPA testing. Notably, UiPath Test Suite serves as a single solution that can be leveraged for testing both software applications and robotic process automations.

UiPath Test Suite consists of a suite of four tools:

Powered by AI/ML

Citrix Automation	Web Automation	Desktop Automation	SAP Automation	Mainframe Automation	API Automation	Mobile Automation
Migration Assistants	**Test Manager** Manage Tests	**Studio** Automate Tests	**Orchestrator** Distribute Tests	**Robots** Execute Tests		Distributed Execution
ALM Tool Integrations	Cloud & On-Prem	Cloud & On-Prem	Cloud & On-Prem	Cloud & On-Prem		Version Control
Test Mining & Discovery	Manual Testing	Analytics & Reporting	Requirements Management	Data-Driven Testing	Test Data Management	CI/CD Integration

UiPath Test Manager   ⊕   The comprehensive test management tool for enterprise testing

UiPath Studio   ⊕   The integrated development environment (IDE) for developing test automation

UiPath Orchestrator   ⊕   The tool for orchestrating (cloud-based distributed) test execution

UiPath Robots   ⊕   Use to perform reliable test execution

These four components come with a variety of testing capabilities for automating tests in virtually any technology, including web, desktop, API, and mobile test automation. UiPath Test Suite also enables you to fully integrate your testing efforts into your version control tools and continuous integration/continuous delivery (CI/CD) pipeline(s).

Additionally, UiPath Test Suite includes comprehensive test data management capabilities for data-driven testing. It provides a rich set of test management capabilities, including requirements management, analytics and reporting, manual testing, and test mining capabilities—all powered by AI and tightly integrated into your ALM tools. And if you're looking to transition from legacy testing tools to UiPath Test Suite, we offer migration assistants to ease that shift. Notably, these tools are all available both on cloud and on prem.

UiPath Test Suite allows both tech-savvy testers and everyday business users to document test cases with UiPath Task Capture and to create tests for virtually any technology, thanks to its low-code and coded test automation capabilities. And if you're using other tools, UiPath Test Suite has those covered too. It can work smoothly with version control tools like Git, SVN, and TFS. It also teams up with build tools, such as Jenkins. Additionally, UiPath Test Manager, the test management tool of UiPath Test Suite, provides native integrations to widely-used ALM tools like ServiceNow, SAP Solution Manager, Azure DevOps, Jira, and even Jira plugins like Xray.
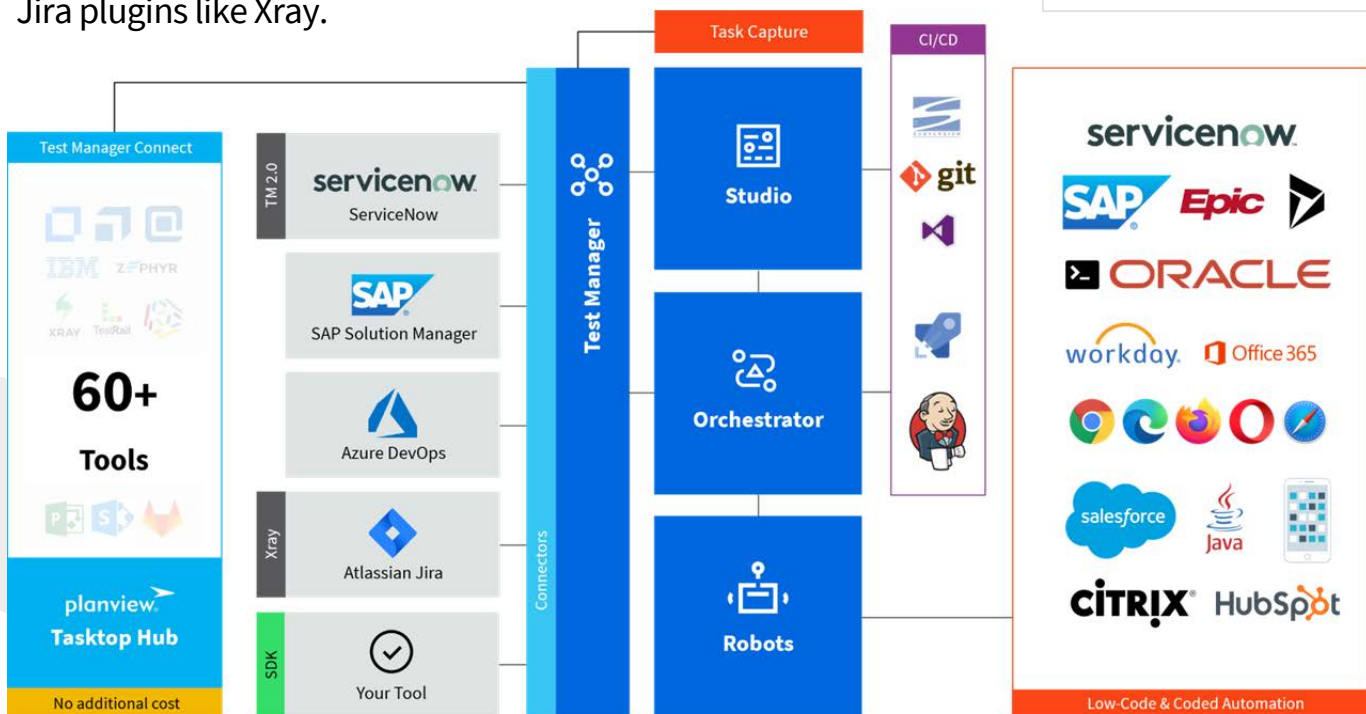
And if there's an ALM tool we don't integrate with, the software development kit included with UiPath Test Manager helps you make that integration happen. If you need more, there's Planview Tasktop Hub, an integration platform connecting you with more than 60 popular ALM and test management tools. Best of all, all these integrations that come with Tasktop Hub, which we collectively call UiPath Test Manager Connect, are included in every UiPath Test Manager license at no extra charge.