

UiPath Business Automation Platform for SAP S/4HANA Migration



The move to SAP S/4HANA can take on many forms—customers may be migrating to SAP in the cloud, upgrading from SAP ECC6 or SAP R/3, or performing a greenfield installation. No matter the migration type, the AI-powered UiPath Business Automation Platform can play a significant role in accelerating the delivery of the project, reducing potential risks at go-live, maintaining the clean core of the resulting SAP system, and adding seamless automation to the business and IT processes that'll run on that system after go-live.

During the business process redesign phase, UiPath discovery tools can identify existing variations of business processes that would benefit from enhancements in SAP S/4HANA. Meanwhile, AI-powered robots collect details of source systems for technical teams to use during the migration.

In the implementation and technical migration phases, robots can scan existing custom codes in the source SAP system using AI to determine compatibility with SAP S/4HANA. They can also perform code remediation where necessary. Then, robots can extract data from source systems like SAP R/3 or non-SAP legacy systems, transform that data as necessary, and use AI capabilities to load it into the target SAP S/4HANA system.

To maximize confidence in the cutover to the new environment, UiPath Test Suite is the ideal solution for automating the testing phase. With certified integration with Solution Manager, Test Suite combines user interface, API, and mobile device testing, adding useful AI-powered features like change impact mining and much more.

Taking an AI-infused, automation-first approach to the modernization projects avoids the otherwise inevitable backlog of effort to optimize business workflows after the migration. Additionally, customizations that traditionally create painful technical baggage can now be moved to the automation layer through AI capabilities, maintaining the clean core of SAP while also keeping customers' unique processes that represent their competitive advantage. Utilizing the automation layer in this manner not only reduces the TCO of the SAP environment long term, but also provides a supportable, governable, extensible, and automatically testable container for those processes as they interact with SAP and non-SAP applications.

Potential challenges during SAP S/4HANA migration

- Lengthy, extensive project
- Costly and complex
- Manual steps resulting in inaccuracies from human error
- Business continuity disruption at cutover
- High risk of issues found after go-live

Solution outcomes with AI-powered automation

- ✓ Shorten time to deliver
- ✓ Reduce manual effort and human error
- ✓ Minimize cutover time
- ✓ Maximize test coverage to reduce post go-live issues

How does UiPath add value during each phase of the migration process?



Phase 1: Preparation and Redesign

Accelerate the identification of existing business processes and their many variations with AI-powered products in the UiPath discovery suite, which includes process mining and task mining. These products can help optimize the inputs to the process redesign phase.



Phase 2: Implementation

Leverage workflows that integrate with existing accelerators in the UiPath partner ecosystem to automate data transformation, code remediation, and more. These AI-fueled integrations drastically reduce the time required for technical implementation of the target system.



Phase 3: Migration

Non-standard data sources also need to be brought into the modernized SAP environment, but aren't supported by standard tools like the SAP cloud migration cockpit. AI-powered robots can extract source data, transform it into a target model, and load the data into the SAP environment, potentially saving hundreds of labor hours.



Phase 4: Testing

If done manually, testing can occupy as much as 30% of implementation project time. Instead, with AI-infused automated testing, you can proactively discover underlying issues prior to go-live. What's the benefit? You can significantly minimize the risk of disruption in the new environment. By using prebuilt test cases from UiPath partners, you can test 2-3x more cases while also reducing the time needed to validate the system by 50% or more.



Phase 5: Go-Live

Minimize the hours needed for a business cutover to the new environment and use automation powered by AI to perform final validation checks in minutes rather than hours. UiPath customer Reckitt performed a 70 hour validation check during their SAP migration to the cloud in just 45 minutes.



Phase 6: Post Go-Live

Make the most out of modernization by going live on SAP S/4HANA with AI-powered automation built into key business processes from the get-go. A major customer used the UiPath Platform during their migration project and went live with over 50 processes in production from day 1. Plus, you can use robots for greater productivity in SAP S/4HANA to increase efficiency and improve user adoption.



Accelerate Your SAP S/4HANA Migration with the AI-Powered UiPath Business Automation Platform

Jumpstart Your Migration Activities

UiPath Business Automation Platform for Migration Phases

Preparation

Process Mining and Task Mining

Use discovery capabilities for accelerated process redesign, documentation, and automation

Engage in data and system preparation

Development

Ready-to-use Accelerators and Native Integrations

Automate business objects mapping and integrations mapping/customizations

Leverage ready-to-use accelerators and native integrations

Data Migration

Data Extraction, Migration, and Validation

Automate the review of migration results

Extract data from unstructured data sources with AI

Map and validate data

Testing

Test Management and Automation

Automate regression testing and user acceptance testing

Verify end-to-end business processes on multiple systems and devices

Run

Deploy and Manage

Use AI-powered robots for greater productivity in SAP S/4HANA

Automate across SAP and non-SAP enterprise apps (native integrations)

DevOps Automation

SAP® Certified
Integration with SAP Applications

SAP® Certified
Integration with SAP NetWeaver®

SAP® Certified
Integration with SAP® S/4HANA

200+

SAP Accelerators on
UiPath Marketplace

200+

API
Integrations

70%

Component
Reuse

3-5X

Faster
Test Automation

>10X

Faster
Deployment

5-10X

value compared to the status quo



For more details, please visit us at:

<https://www.uipath.com/sap>

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