

# ABB Scale SAP Test Automation with Panaya's Unified Platform

## About ABB

ABB is a global technology company operating in more than 100 countries, with ~110,000 employees and a long-standing leadership role in electrification, robotics, and industrial automation. Its SAP landscape underpins mission-critical processes across manufacturing, logistics, finance, sourcing, and operations.

For more than a decade, ABB has relied on Panaya's platform to support SAP upgrades, Smart Test Management, UAT cycles, and ongoing ERP change delivery. As ABB expanded its digital transformation efforts, test automation became the next strategic priority.

## The Challenge

ABB operates one of the most complex SAP ecosystems of its kind, with multiple business units, global teams, and a continuous stream of changes. Testing had already shifted from spreadsheets to structured workflows through Panaya, but ABB needed to modernize automation even further.

Their previous automation tool delivered some value, but it demanded specialized skills, relied heavily on external services, and made it difficult for ERP and QA teams to collaborate effectively with the business. Crucially, ABB had accumulated more than 100 automated scripts over time, assets they did not want to lose.

### ABB needed a solution that would:

- Retain and leverage their existing automation library
- Cross-application business process automation
- Scale across global distributed teams and multiple modules (FI/CO/HCM/FSCM/MM/SD/PP, SAP Ariba, etc.)
- Enable non-technical users to actively contribute to automation
- Reduce maintenance and accelerate regression cycles



**ABB Company Profile** Global Technology leader in electrification, motion, and automation

**Website** [www.abb.com](http://www.abb.com)

**Location** Global

### Need

- Retain and leverage their existing automation library
- Cross-application business process automation
- Scale across global distributed teams and multiple modules (FI/CO/HCM/FSCM/MM/SD/PP, SAP Ariba, etc.)
- Enable non-technical users to actively contribute to automation

### Impact

- Successful POC-to-production transition
- One unified smart testing and automation platform
- Increasing pace and velocity of test creation
  - 2000 test runs a month, generating dozens more monthly
  - Coverage growing consistently month-over-month
  - >100 legacy automation scripts migrated to Panaya
- Running robust daily regression suite
- Leveraging Panaya manual test library for automation
- Reducing manual testing scope for repeatable scenarios
- Improved alignment between IT and business stakeholders



"Panaya allowed us to modernize automation while keeping everything we had built. Moving to one platform for UAT and automation has improved how our teams work together and how quickly we deliver."

Luis Ibanez, SAP/ERP QA Manager, ABB

## The Solution

The entire workflow sits on one agentic user-friendly platform, covering scripting, reporting, scheduling, collaboration, defect management, and more.

After a successful proof of concept that validated execution stability and SAP GUI compatibility, ABB selected Panaya to replace its previous automation tool.

Preserving Existing Automation Investments and Leveraging Panaya manual test library for automation ABB team migrated **more than 100 existing automation scripts into its platform**. This avoided the need to rebuild scenarios from scratch and enabled ABB teams to continue evolving their automation program without sacrificing years of work.

The team also leveraged their manual test library built in Panaya over time and used it to create matching automation scripts.

### Automation That Matches ABB's Scale

Ten active ABB users now run multiple automation agents, supporting daily regression cycles, urgent releases, and cross-functional scenarios.

### With Panaya, ABB consolidated:

- User Acceptance Testing
- Regression testing
- Automation execution
- Audit-ready documentation
- Defect management

**The result:** A single source of truth for all ERP testing activities, reducing manual coordination and eliminating tool fragmentation.

## Panaya's Impact

### Higher Testing Quality & Confidence

- Increasing pace and velocity of test creation
  - 2000 test runs a month, generating dozens more monthly
  - Coverage has been growing consistently MoM
- Running robust daily regression suite
- Leveraging Panaya manual test library for automation
- Reducing manual testing scope for repeatable scenarios
- Improved alignment between IT and business stakeholders

### Visibility & Governance Across Regions

- Shared dashboards for across SAP testing activities
- Increased engagement from business users
- Strengthened audit readiness and compliance documentation

### A Strong Foundation for the Future ABB is now extending Panaya automation to:

- Global role out to additional geographies and business units
- Extend automation to connect systems
- Double-down on daily regression suite automation, securing operations and aligned to business-critical flows
- Scale intelligent agentic automation

Panaya is now embedded as ABB's unified testing backbone, supporting continuous change without compromising quality or business continuity.

## About us:

Enterprise IT and testing teams rely on Panaya to manage and automate cross-application testing and ongoing transformation. Panaya takes pride in being a business enabler for its users, revealing and resolving the true impact of change: prioritizing risk, correcting code, and automating testing. IT and business users collaborate seamlessly, focusing their efforts where risk truly lies, so change becomes manageable, predictable, and far less stressful. Since 2006, more than 3,500 global organizations, including a third of the Fortune 500, have leveraged Panaya to execute the most complex SAP, Oracle, and Salesforce changes. One platform, powered by ERP and CRM domain expertise, fuels the intelligence and context behind Panaya's agentic layer, Seemore, designed to work alongside our users and act as their virtual extension, helping them deploy at speed and scale. When everything changes: systems, timelines, priorities, Panaya is your constant that helps you stay focused, confident, and ready to **Test what matters**.