

# Nestlé: Scaling Global Testing with Worksoft Automation

Achieving Unprecedented Testing Scale and Efficiency Across 85 Countries

**1,000+**

E2E workstreams

**100+**

global users

**115,000**

automated tests  
executed nightly

## Summary

As the world's largest SAP user, Nestlé needed a scalable, efficient testing approach to support its vast global operations. Worksoft's codeless automation platform enabled Nestlé to streamline testing, improve collaboration, and execute over 115,000 automated tests nightly, ensuring quality and efficiency across 85 countries.

## Challenges

With 436 factories operating in 85 countries, Nestlé relied heavily on SAP to manage critical business processes. Key challenges included:

- Managing Thousands of Legacy UFT Scripts – Maintaining and executing scripts manually was unsustainable for Nestlé's global scale.
- Lack of Scalability & Agility – Traditional testing methods were unable to keep up with the complexity of end-to-end SAP processes.
- Identifying Risks in Critical Transfer Processes – Ensuring seamless data flow across global operations required continuous, automated validation.

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## Solution

Nestlé implemented Worksoft's codeless automation platform to enable:

- Scalable, Code-Free Test Automation – Eliminated reliance on legacy scripts, improving test maintenance and efficiency.
  - Continuous Testing & Global Collaboration – Enabled seamless testing across teams and geographies for real-time risk mitigation.
  - Unattended, High-Volume Test Execution – Automated over 115,000 tests nightly, providing ongoing validation across SAP systems.
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**“We have scaled to over 115,000 automated tests nightly with over a thousand end-to-end workstreams in place and streamlined processes and increased efficiency with hundreds of global users across four continents.”**

**— Nestlé**

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## Results

By adopting Worksoft automation, Nestlé achieved enterprise-scale testing efficiency while ensuring system reliability and business continuity.

- 100+ Global Users – Empowered teams across four continents to participate in automated testing.
- 1,000s of End-to-End Workstreams – Implemented large-scale test coverage for critical business processes.
- 115,000+ Automated Tests Executed Nightly – Ensured continuous system validation, reducing risk and improving efficiency.
- Streamlined Processes & Increased Efficiency – Reduced manual effort while improving testing speed and accuracy.

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## The challenge

CPChem had a detailed, highly structured SAP testing process that reflected how critical the system was to its business. Every update went through careful validation so core processes would continue to run smoothly across procurement, production, logistics, and finance. The approach was meticulous but also resource-intensive. Roughly 3,000 SAP business process scenarios were managed in a homegrown Lotus Notes database and tracked in spreadsheets, requiring close coordination across multiple departments.

“Everything was done manually,” recalls Pratap Manubolu, Senior SAP Basis and Integration Consultant at CPChem. “We documented each step in detail, captured screenshots for every result, and made sure nothing was missed, but it took a lot of coordination and time between teams.”

That rigor ensured quality but placed heavy demands on both IT and business users. IT managed the test cycles and reporting, while business users had to step away from daily responsibilities to run repeated rounds of regression testing. When the company began preparing for its ECC-to-S/4HANA migration, that workload multiplied. Thousands of processes needed to be revalidated in the new environment while ongoing upgrades and improvement projects continued in parallel.

With testing demands growing, CPChem needed a way to keep SAP testing consistent and reliable without overburdening IT or business users.

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## The solution

CPChem turned to Worksoft Certify to strengthen its SAP testing program and lay the groundwork for a smooth S/4HANA migration. The team needed a platform that could automate complex SAP workflows, maintain audit-ready documentation, and scale across a global enterprise. Worksoft’s deep SAP integration and codeless automation made it an ideal fit.

To improve traceability, CPChem combined Worksoft with Jira for unified test coverage tracking, allowing teams to manage both automated and manual tests from a single view. The company also worked with one of Worksoft’s system integrator partners, LTI Mindtree, to tailor the automation framework to CPChem’s enterprise environment and support large-scale adoption across teams.

CPChem’s S/4HANA migration was guided by a “no harm” principle, focused on making the transition as seamless as possible so end users keep working in the same SAP GUI without disruption. To achieve that, the company followed a Bluefield migration approach, selectively moving validated data and configurations instead of lifting the entire system. This offered greater control but required precise, ongoing validation with Worksoft to keep both environments aligned.

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Worksoft enabled CPChem to run full regression cycles quickly and consistently throughout the migration, automatically capturing documentation and screenshots that once took hours. CPChem was able to validate both process logic and data integrity during the complex migration with minimal disruption to the business.

“During the S/4HANA migration, Worksoft allowed us to run automated tests as soon as changes were made,” explains Manubolu. “It gave us confidence that everything was working correctly before we moved anything to production.”

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## Impact

By automating nearly 80 percent of SAP test scenarios with Worksoft, CPChem has transformed its validation process into a continuous, scalable framework without sacrificing quality or control.

Full regression cycles that once required weeks of coordination now run end-to-end in less than 48 hours with complete traceability. Early issue detection and consistent regression coverage have helped cut the number of defects reaching production by as much as 65 percent.

The platform has also strengthened audit readiness, making SAP rollouts smoother and more predictable. Automated documentation and reusable test assets have eliminated hours of manual reporting and rework, allowing teams to focus on innovation rather than repetitive validation.

The efficiency and consistency gained through Worksoft have given CPChem the agility to support business change with confidence. “We look at Worksoft as a tool that mitigates risk,” adds Manubolu. “We’re better equipped now to support the business at a faster pace.”