

Easy to Scale:

# S/4HANA Success Starts with Testing: Chevron Phillips Chemical's Journey with Worksoft

With 80% automation coverage, Chevron Phillips Chemical gained speed, quality, and confidence by transforming SAP testing with Worksoft.

## At a glance

Chevron Phillips Chemical, a global leader in petrochemicals, automated 80% of SAP test scenarios, cutting regression cycles to under 48 hours. By catching issues earlier, they reduced production defects by about 65%. A seamless S/4HANA migration was powered by reusable test cases, with confidence in automation growing across teams.

## KEY METRICS



**80%**

test coverage: SAP processes automated



**65%**

fewer defects: caught before production



**<48HRS**

full regression suite runtime

## CHALLENGES



Chevron Phillips Chemical faced mounting pressure to modernize testing and reduce risk while preparing for a complex S/4HANA migration.

- A legacy system and scattered spreadsheets made test execution slow, inconsistent, and hard to track
- Manual testing stretched across 3,000 scenarios, placing heavy demands on business users
- Annual SAP upgrades and a high-stakes S/4HANA transformation required repeatable, trusted automation at scale

## SOLUTION



Chevron Phillips Chemical turned to Worksoft to modernize testing and prepare for transformation - with speed, confidence, and control.

- Built a robust, reusable regression suite that automated 80% of critical SAP scenarios and ran end-to-end in under 48 hours
- Validated both process logic and data integrity during a complex S/4HANA migration with minimal disruption to business
- Combined Worksoft automation with Jira for manual test traceability and better coverage tracking
- Executed an agile, consultative rollout of Worksoft across Chevron Phillips Chemical, achieving rapid adoption and lasting value.

## RESULTS



With Worksoft, Chevron Phillips Chemical didn't just test faster - they changed how testing fuels transformation.

- Reduced production defects by around 65%, thanks to early issue detection and consistent regression coverage
- Cut testing timelines from weeks to hours, running full regression cycles over a single weekend
- Achieved higher quality releases with fewer disruptions, enabling smoother SAP rollouts and faster innovation
- Built lasting trust in automation across business and IT teams - turning testing into a strategic advantage

## CUSTOMER'S VOICE



"Worksoft helps us move faster and with more confidence. We trust the results - and the automation does the heavy lifting. If it's not in Worksoft, we ask why not."

- Chevron Phillips Chemical