

Elevate Efficiency, Ensure Excellence:

# Optimize SAP with Testing Prowess

# SAP Failures due to lack of Testing

“

*Quality is never an accident. It is always  
the result of intelligent effort*

**John Ruskin**

”



A critical aspect of SAP system implementation is testing, which evaluates system components' performance, functionality, and compatibility. By investing in intelligent effort throughout the testing process, organizations can identify and uncover any potential flaws or weaknesses in the SAP system before it goes live. This allows for adjustments, improvements, and necessary fixes to be implemented, resulting in a higher-quality, more reliable SAP system.

The rapid pace of business and technological advancements no longer allows for the luxury of conducting countless unsuccessful manual tests to reach a resolution. Some Examples -



Haribo, a European company known for making gummy bears, suffered huge losses due to a completely disrupted Supply Chain due to lack of proper testing.

Source: Haribo can't bear SAP S/4HANA implementation | TechTarget

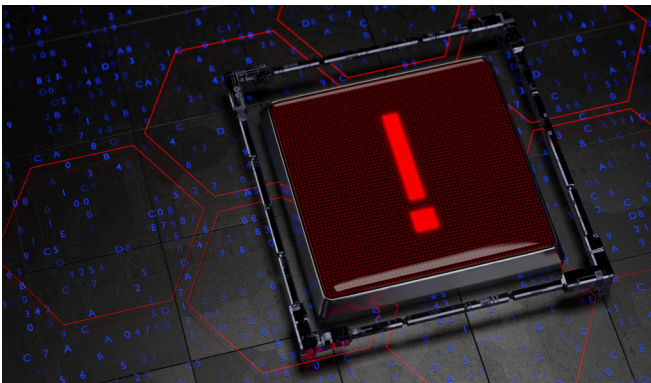


Lidl, a German supermarket chain, experienced system failure resulted in problems with stock availability and distribution due to Insufficient testing and improper data migration

Source: Lidl dumps €500m SAP project | Computer Weekly



Jon Reed, co-founder of the technology news and analysis site Diginomica and a longtime ERP analyst, said **insufficient testing can lead to the type of problems Haribo experienced.**



Hershey's, SAP system failure resulted in difficulties in managing orders and inventory, leading to delays in production and shipping during the peak Halloween due to inadequate testing and insufficient time for end-user training.

Source: Citing 'prudent approach,' Hershey pushes back ERP project by 1 year | CIO Dive



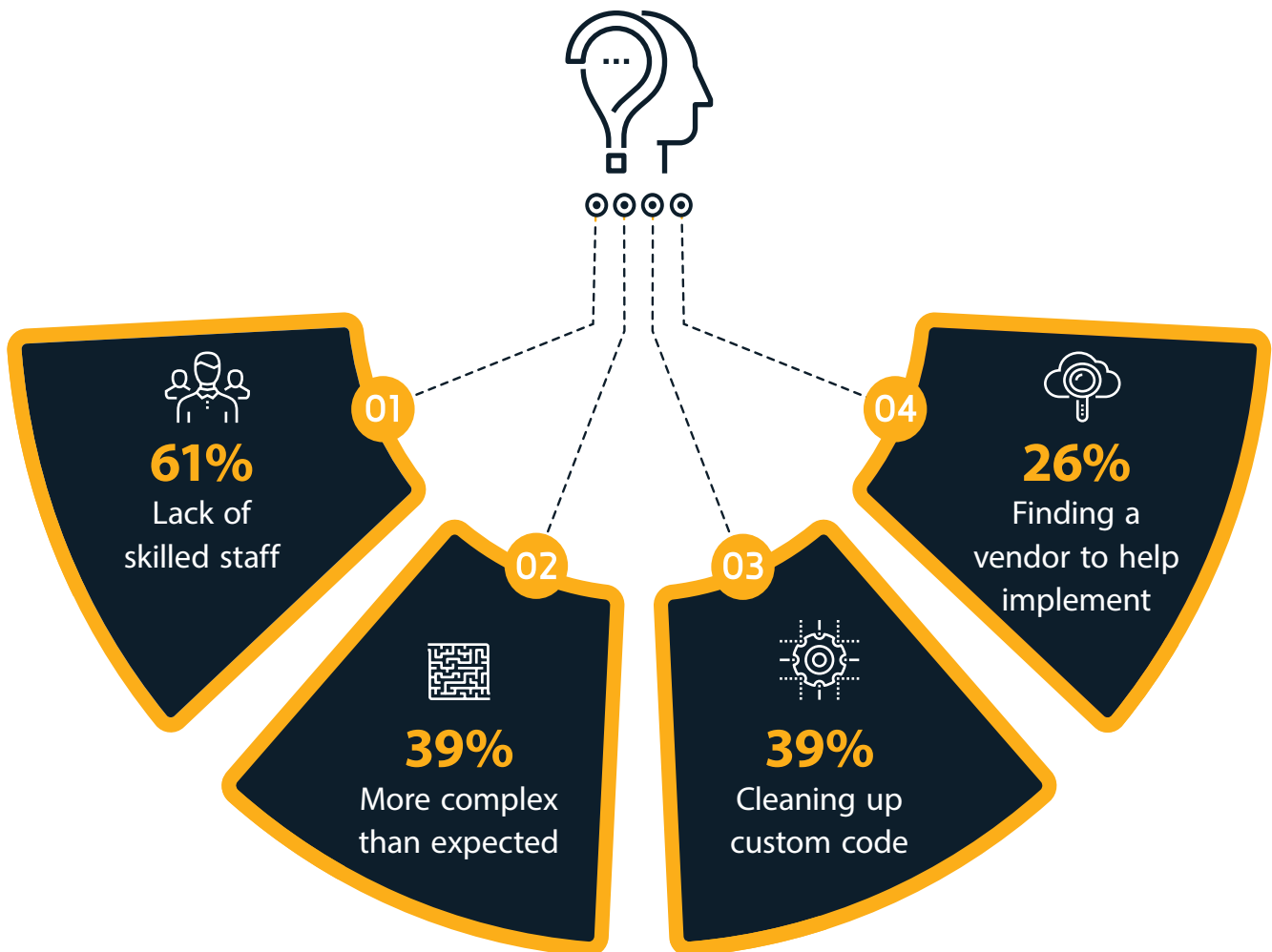
Avon, a global beauty company, struggled to fulfill orders and experienced problems with product distribution, leading to financial losses and customer dissatisfaction in part, to inadequate testing of the new SAP system

Source: Avon drops SAP big bang transformation | Computer Weekly



# Top Challenges for the Journey to the SAP S/4Hana

The journey to transition to SAP S/4HANA, the latest generation of SAP's enterprise resource planning (ERP) software presents several challenges:



Source: ASUG Research, February 2019



**On top of the transition challenges, organizations fail to understand SAP testing challenges:**

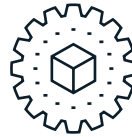
In a recent research report by Resulting IT, it was mentioned that 60% felt their SAP system was not fully tested prior to going live. The dynamic nature of modern SAP environments, characterized by frequent and rigid release cycles and ongoing development changes, introduces unique challenges within the realm of SAP testing as well.

## Are there any specific factors that are preventing your organization from optimizing its testing practices?



Current tooling fails to support all our application components (e.g., cloud-native, packaged apps, mainframes, etc.)

37%



Testing is not considered a first-class citizen in our software development lifecycle

31%



Current tooling fails to support all our needs for business, technical, and developer testing personas

37%



Lack of skills (e.g., automation engineers, test-driven development/ behavioral-driven development, agile testing, etc.)

30%



Employee resistance to changing the status quo

28%



Lack of tools to automate and manage testing at scale

25%



Modernization of testing is not part of the modernization of our delivery program

26%



Lack of strategy/guidance on reaching our ideal testing state

24%

Base: 186 application development and delivery leaders

Source: A commissioned study conducted by Forrester Consulting on behalf of Tricentis. June 2021

# Testing Strategy EMPOWERS your Business Operations in SAP

76%

Seventy-six per cent of leaders believe improving speed with quality is key to achieving top business goals as per the Forester research report "MODERNIZE TESTING TO ACCELERATE YOUR DIGITAL BUSINESS".

Here's why

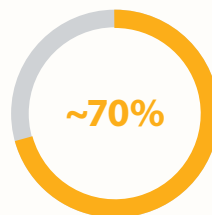
## YOY Cost Reduction with Testing

Our customers have reduced the overall cost of development and support by 30% to 50% by simply Testing it Right



### Static Testing

Reduction in design time due to requirement review and clarity



### Test Automation

Effort Saving due to automation



### Risk Based Testing

Reduction in testing time by Focus on areas with high business impact and likelihood of failure



### AI in Testing

Overall optimization in the test value chain



### Reusable Test Design Accelerators

Test Design Time Saving



### User Experience

Higher User Satisfaction and Retention with Increased Conversion Rates and Decreased Support and Maintenance Costs



## Achieve SAP System Efficiency at its Finest by Testing

Independent SAP Assurance Services Operations: Organizations can ensure seamless integration and excellent user experience across your enterprise by relying on our **deep understanding of SAP solutions and testing expertise**

**01**

**Test Strategy & Planning**



**Test & Defect Management**

**02**

**03**

**Business Process Testing**



**System Integrations, Regression, Automation Testing**

**04**

**05**

**Data Testing**



**Performance, Role Based Authorization, Usability, Localization Testing**

**06**



## SAP Test Automation as a Service

Organizations should look for Scalable test automation ensures flawless execution of your SAP platform combining deep, unparalleled SAP testing expertise with industry-leading, code-free continuous automation platform to deliver unmatched agility, risk mitigation, and peace of mind.

- Test Automation Profiling
- Automated Test Design and Execution
- Regular Automated Execution and Test Suite Maintenance

## UX Testing Services

Organizations can discover the seamless user experience of your SAP System, as it effortlessly handles diverse conditions and non-functional aspects, including speed, security, scalability, and reliability. This includes

- Performance Testing
- Database Testing
- Usability & Compatibility Testing
- Authorization and Authentication Testing



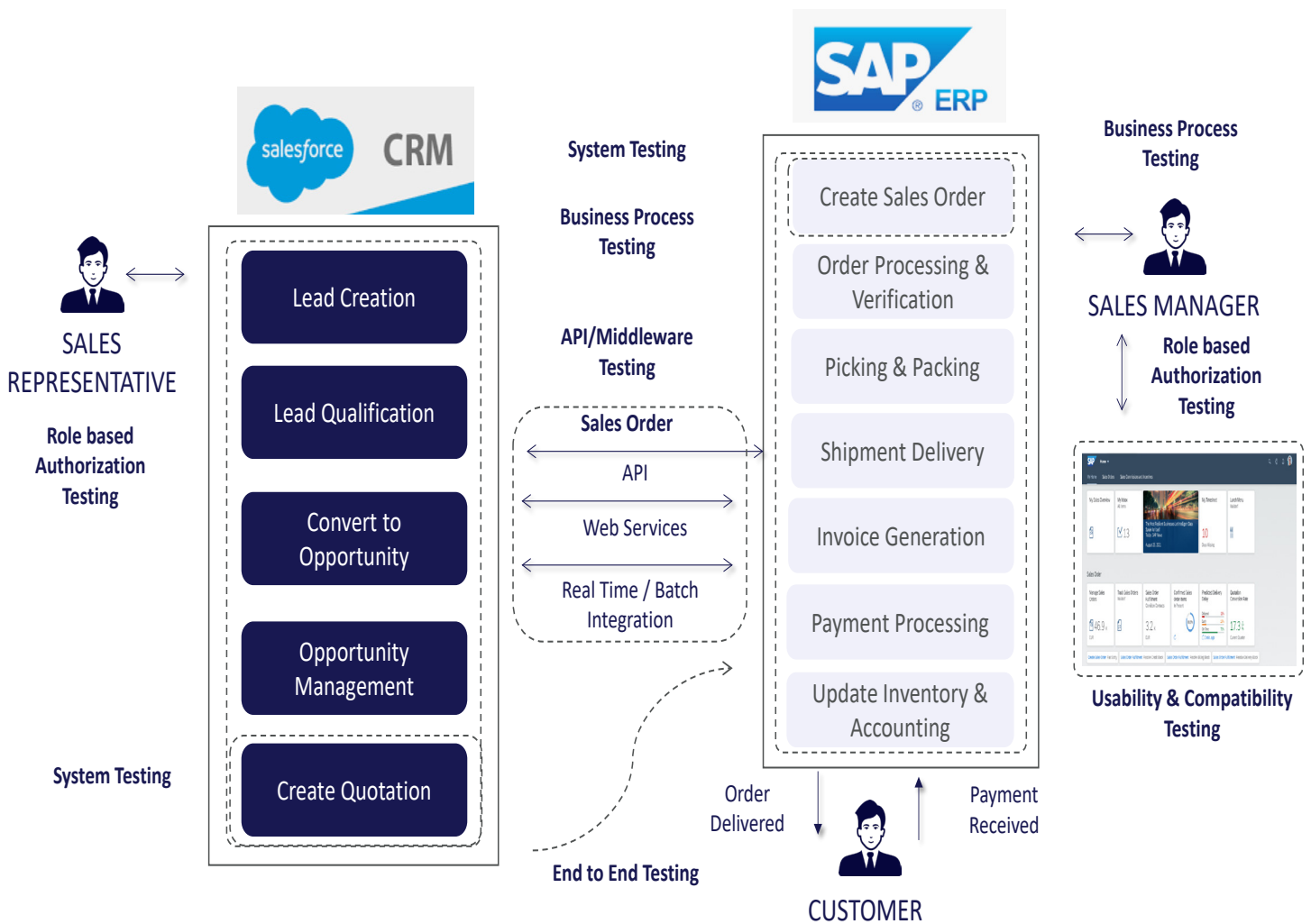
## Supporting Business Assurance

Organizations can ensure that the business users can perform the assigned job functions with the new SAP system. This includes

- User Acceptance Testing Support
- Test Scenario Identification & Authoring
- Test Data Creation Support
- Test execution Documentation and Defect Management



# The Case for Quality, Automation and Testing for SAP



# Power of Testing

SAP S/4Hana is not just a technical implementation but a transformation for business processes. With the power of testing, organizations can confidently embrace S/4HANA and unlock its full potential, ultimately driving business growth, efficiency, and success processes.

## Testimonial



*Working with Cygnet One's QA team has added value to our company's product development process, thanks to their structured approach and thorough testing. Moreover, the QA colleagues add value throughout the process by explaining current behavior, raising attention points, challenging new requirements, and proposing valuable suggestions for improvement and development.*

**Sigrid Lennaerts**

Product Owner, Nobilex



**Client  
Speaks**



*Click here  
to watch video*

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Cygnnet Infotech is dedicated to excellence and is re-evolving as CYGNET. ONE to help consolidate its specialized offerings in Compliance transformations, Digital & Quality Engineering, Enterprise Modernization, Data, AI & Analytics Hyper Automation, Test automation, Digital signature, and a myriad of other offerings across Americas, the UK & Europe, Africa, the Middle East, and the Asia Pacific. Through Cygnnet Cosmos, our digital transformation

framework, CYGNET.ONE empowers organization to achieve business process digital transformation through co-ideation, co-creation, co-innovation, and co-evolution. With a global presence spanning across diverse markets and industries, Cygnnet One serves as a one-stop destination for intelligent solutions, delivering value from ideation to execution, ultimately driving success for clients and partners worldwide.



## CO-IDEATE

Co-Ideate for new product development & new market GTM



## CO-CREATE

Co-Create technology enabled connected business solutions



## CO-INNOVATE

Co-Innovate intelligent solutions with Cygnnet launchpad.



## CO-EVOLVE

Co-Evolve with a strong continuum of Cygnnetians, clients, & partners.

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