![L&T LTIMindtree logo]
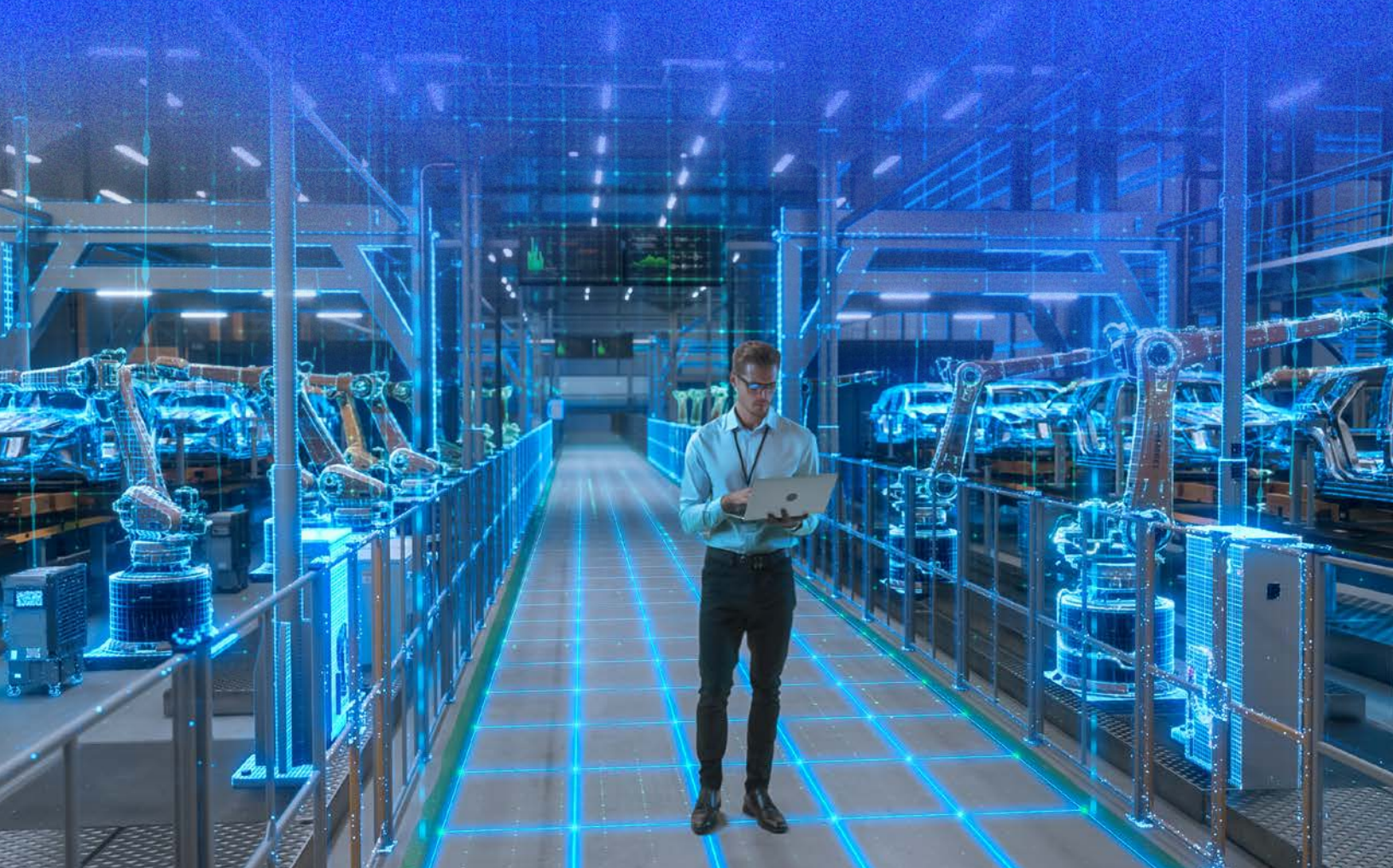
Ensuring a Seamless S/4HANA Transition with LTIMindtree's RELY.AI Framework

A well-executed S/4HANA transformation is more than just a technical upgrade, it's a critical step towards operational resilience and business agility. Enterprises that ensure a smooth, disruption-free transition gain a competitive edge through improved efficiency, reduced risks, and optimized costs. Yet, many organizations struggle with unanticipated delays, budget overruns, and system complexities that can impact business continuity.

With extensive experience across industries, LTIMindtree brings deep expertise in enabling intelligent, future-ready enterprises. Our cross-vertical capabilities empower businesses to modernize operations, streamline processes, and drive intelligent automation. While we cater to multiple industries, our strong foundation in manufacturing has helped global enterprises enhance efficiency, improve supply chain resilience, and accelerate digital transformations.

Why Enterprises Must Ensure Noiseless S/4HANA Deployments

SAP S/4HANA transformations are complex, requiring significant investments and a well-defined testing strategy. Traditional testing approaches often lack the agility needed to keep pace with transformation initiatives. While automation enhances accuracy, enterprises still face hurdles such as skill gaps, high upfront costs, and the inability to scale testing across dynamic business environments.

A seamless deployment minimizes business disruption, accelerates adoption, and ensures long-term system reliability. LTIMindtree's Noiseless S/4HANA Deployment approach, powered by AI and Generative AI, delivers Comprehensive Business Process Assurance—integrating continuous automation and intelligent testing to mitigate risks, optimize costs, and enable a transformed business experience.

LTIMindtree's RELY.AI Framework
Intelligent Testing for Risk-Free Deployments

At the core of this approach is LTIMindtree's RELY.AI Framework, an integrated SAP program quality assurance and compliance framework designed to simplify and de-risk S/4HANA implementations. RELY.AI combines AI-driven validation with Impact-Based Testing and DevOps methodologies, ensuring a well-orchestrated transition with minimal disruption.

The integration of Gen AI enhances the framework's capabilities, paving the way for smarter, more efficient test automation. RELY.AI has been co-innovated with Tricentis, incorporating **LTIMindtree's in-house accelerators & Tricentis' proven testing solutions.** These include:

TestAcademia
Reusable repository of standard SAP S/4HANA manual test cases (~5000+ Test Cases) and a comprehensive TOSCA Test Automation library (~500 Test Scripts), featuring self-healing and Vision AI-based components.

TestGenius
A Gen AI-enabled test case builder that streamlines test creation from SAP Business Process Models and Process Diagrams

ART (Advanced Reporting Tool)
Driving data-driven decision-making with automated reporting and quality insights
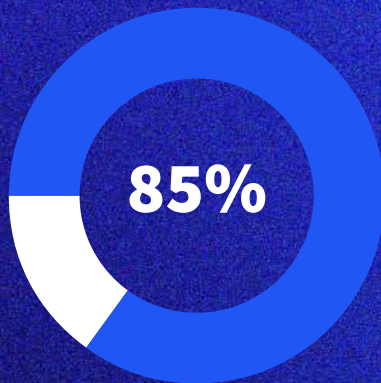
Tricentis Tools (Tosca, qTest, DI, NeoLoad, LiveCompare)
Enhancing end-to-end SAP testing with enterprise-grade automation

Each of these tools plays a pivotal role in delivering seamless and noiseless deployment, empowering enterprises to achieve faster, more reliable S/4HANA transitions with confidence.
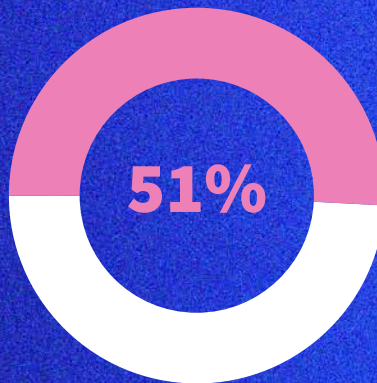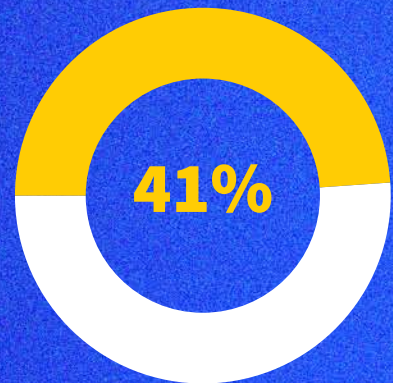
Key Challenges in S/4HANA Transformations

85%

Speed
Delayed release

51%

Risk
Business disruption

41%

Cost
Exceed budget

LTIMindtree solution

Challenges	Solutions	Benefits
Lack of targeted testing	Enabled end-to-end continuous testing and monitoring framework	• Delivered end-to-end business process assurance • Established an integrated tooling strategy
Limited insights into test coverage	Implemented Gen AI-enabled test case building and a reusable test library (manual/automation)	• Reduced test script creation effort by ~50% • Achieved >95% test coverage
Inefficient regression testing scope	Leveraged LiveCompare for test scope optimization	• Minimized test volume while ensuring broader coverage • Reduced test execution cycles by 50%
Lack of continuous integration and deployment (CI/CD) practices	Recommended code improvement and deployment framework	• Ensured near-zero defect leakage to production

RELY.AI Offerings

Persona-Driven Solution for SAP Business Suite

Expands coverage while optimizing test scope using impact-based testing

Provides industry-specific testing coverage

DataFabric Intelligent Data Management

Extracts real-time data and integrates seamlessly with automation tools

Ensures data security and compliance

Enhancing User Experience and Validation

Maintains SAP Fiori consistency and responsiveness

Enables role-based access and security validation

Generates customized reports for different user groups, serving as a single source of truth

TestAcademia

Leverages self-healing and Vision AI techniques for sustainable, scalable, and future-ready S/4HANA implementations, upgrades, and functional enhancements

TestGenius – Gen AI-Enabled Test Case Builder

Automates and accelerates test case creation using AI-driven insights from SAP business process models and process diagrams

Evaluate your S/4HANA readiness with RELY.AI—connect with us at info@ltimindtree.com for any questions

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 86,000+ talented and entrepreneurial professionals across more than 40 countries, LTIMindtree — a Larsen & Toubro Group company — solves the most complex business challenges and delivers transformation at scale. For more information, please visit **https://www.ltimindtree.com/.**