

Move with Speed, Deliver with Confidence in the AI Era

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SAP Solution Extensions



Key Priorities in the S4 RISE journey



New Business Models

Modernize WITHOUT Risk

Greater Efficiency

 **SPEED**

 **RISK**

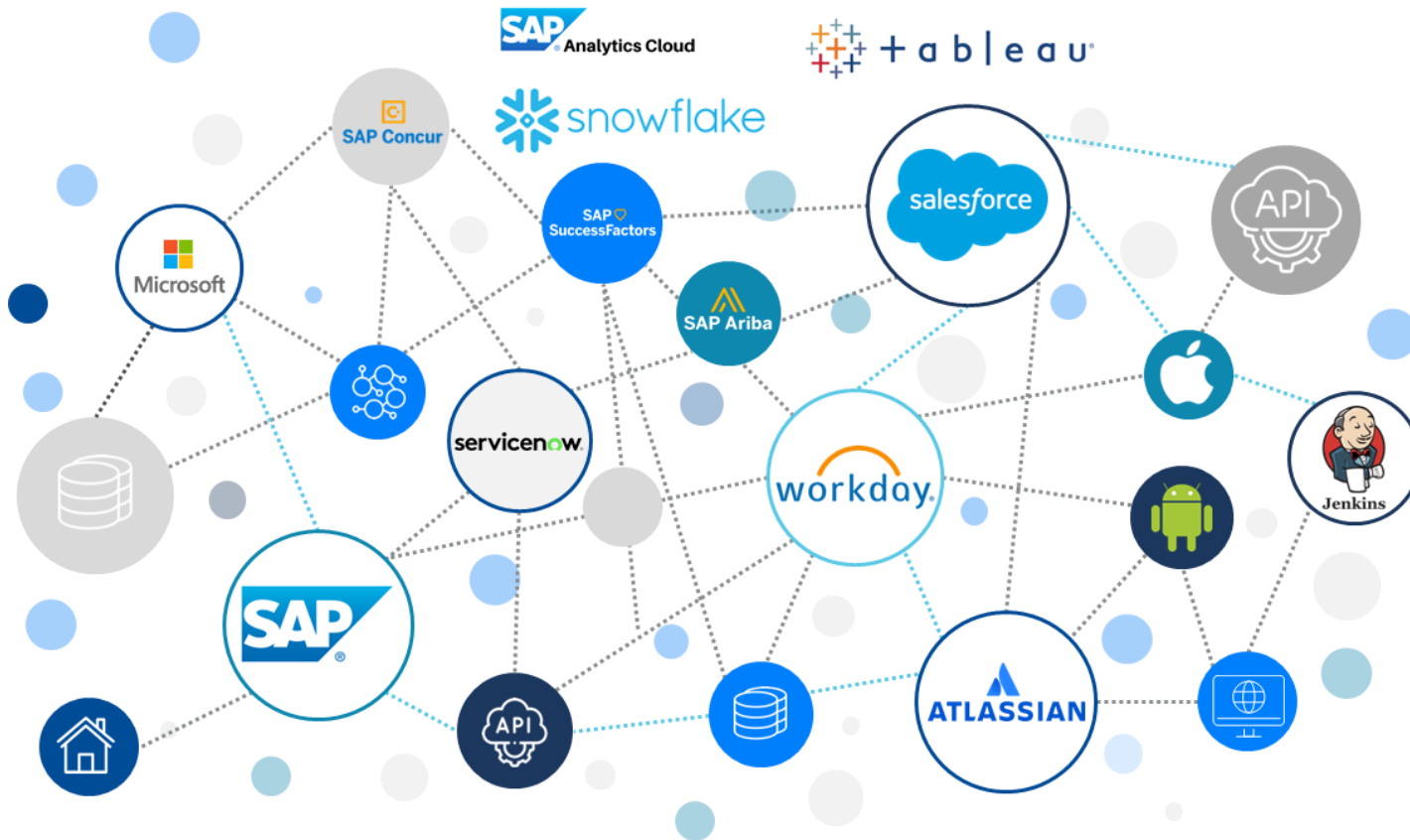
 **PRODUCTIVITY**

Innovation & Transformation

Transformation blind-spots

Deliver more with less

Cloud Adoption Innovation & Optimization



Composable | Autonomous | Heterogeneous

Innovation
does not happen
in a vacuum



Increasing
rates of change



Increasing integration
complexities

Increasing change
dependencies


Many underestimate the quality risks in S/4 Migrations

- “Nearly two-thirds (65%) of companies also identified severe to very severe quality deficiencies after completing the migration. The main reasons cited were ... Underestimated testing and data migration phases”


- Published on CIO, 24th March 2025
(<https://www.cio.com/article/3851772/sap-users-struggle-with-s4-hana-migration.html>)


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Home • Enterprise Applications • SAP customers struggle with S/4HANA migration



by **Manfred Bremmer**
Editorial Manager Computerwoche


SAP customers struggle with S/4HANA migration

News Analysis
24 Mar 2025 • 4 mins

ERP Systems SAP

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According to a recent Horváth study, more than 60% of companies experience deviations in budget, schedule, and result quality during S/4HANA migration.



Credit: GUDKOV ANDREY - shutterstock.com

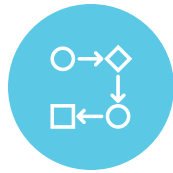
The Answer: An integrated approach to quality

Eliminate the complexity, cost, and risk associated with traditional approaches



Any app

Enterprise, custom web, desktop, mobile, & APIs



Any process

End-to-end business processes & workflows



Every team

Developers, testers, business analysts, and data teams

Quality Mindset • Quality Process

Meet functional requirements

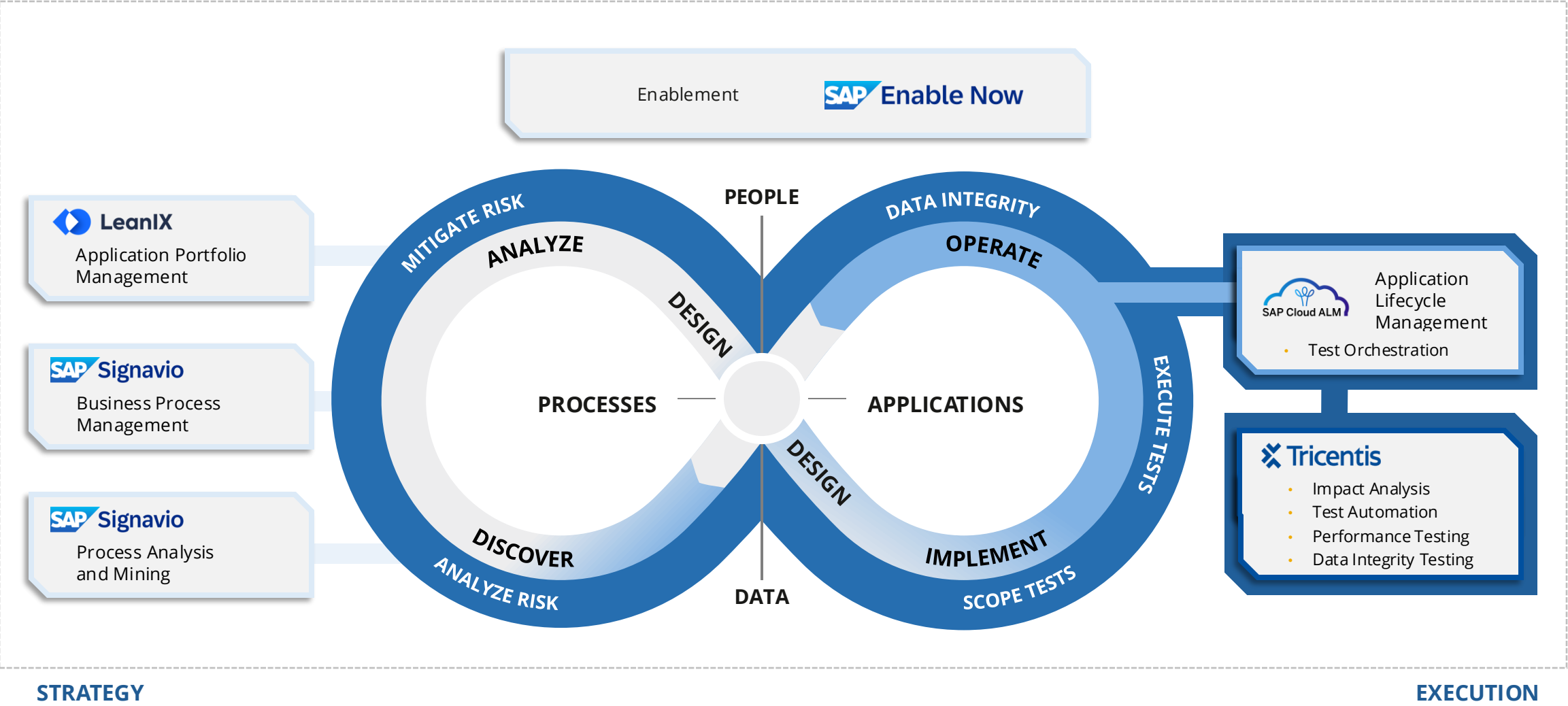
Conform with IT policies, performance, compliance, & security requirements

Exceed user expectations

Technology Platform

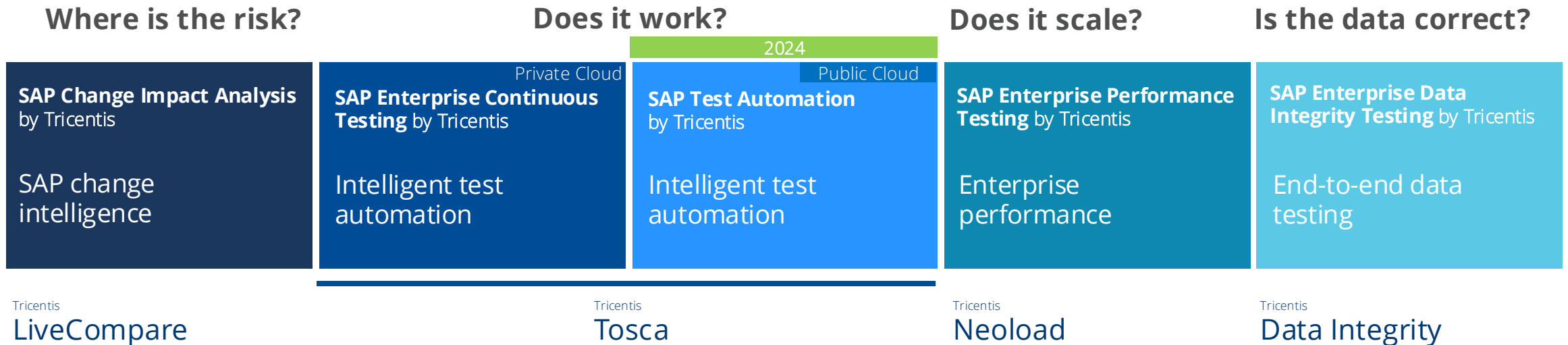
The Quality Shield for SAP Cloud ERP Framework

Safeguarding transformation across EAM, BPM and ALM



The Tricentis Continuous Testing Platform

The only quality assurance solutions certified and recommended by SAP

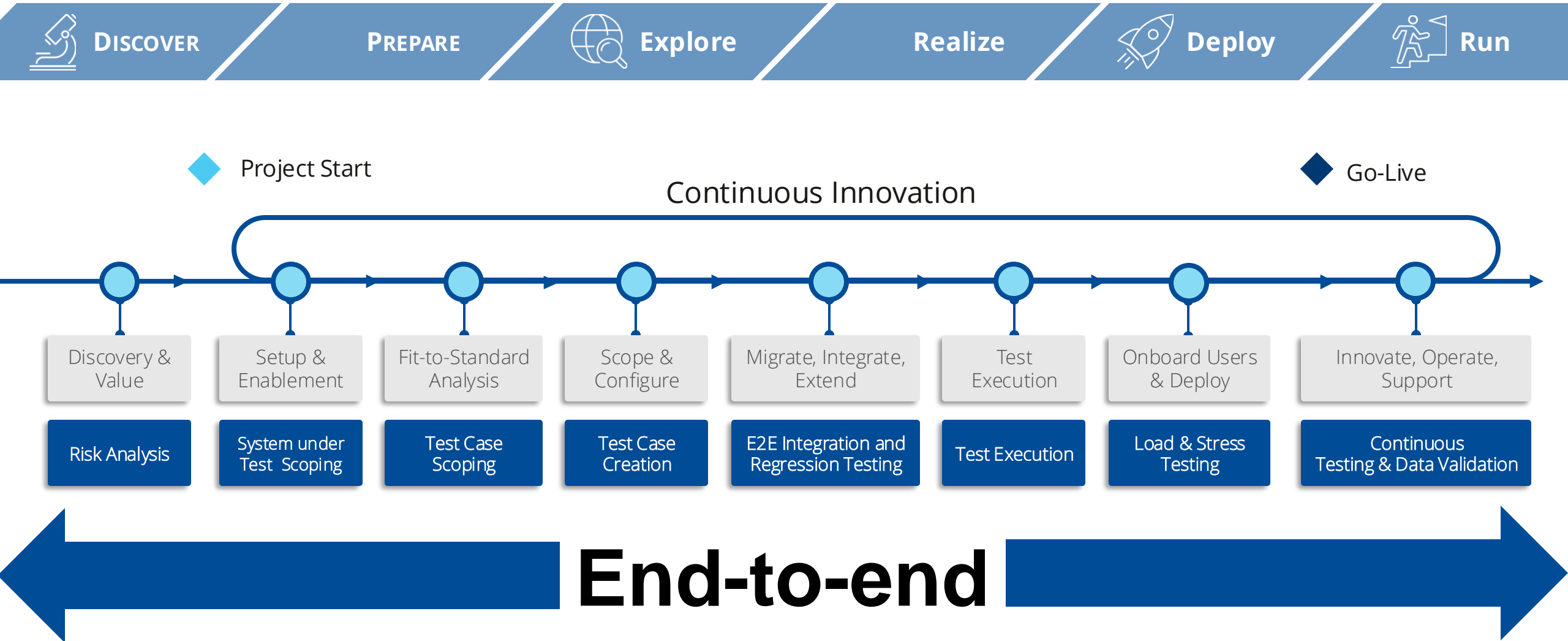


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SAP Activate

Tricentis Quality Engineering with SAP Activate

An integral part of the S4 & continuous innovation journey



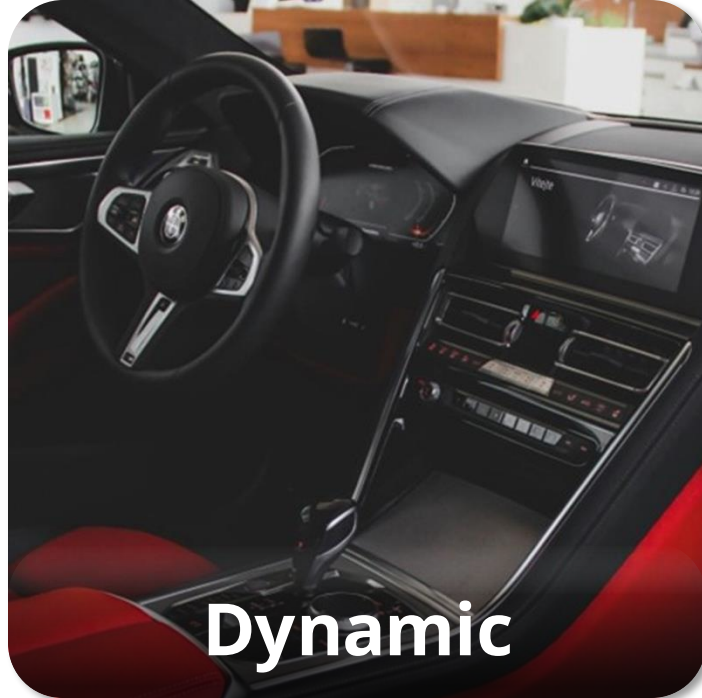
Evolution of AI in Quality Engineering

Evolution of Driving



Standard Cruise Control

Scripted Automation
Codeless Automation



**Adaptive Cruise Control
Advanced Navigation**

Computer Vision
Self-healing | Risk Intelligence



Autonomous Driving

Copilots | GenAI
Autonomous Testing

The future of AI for Quality Assurance

AI for QA

Vision AI & Self-Healing

Foundation for autonomous testing
Reduce test cycles & DevOps ready

Gen-AI Based Test Creation

Automatically create manual tests
based on User stories/requirements.

Copilots & Smart Assistants

Copilots perform tasks
Smart Assistants provide insight

Autonomous Testing (Agentic AI)

Automatically design and execute, tests
without human intervention

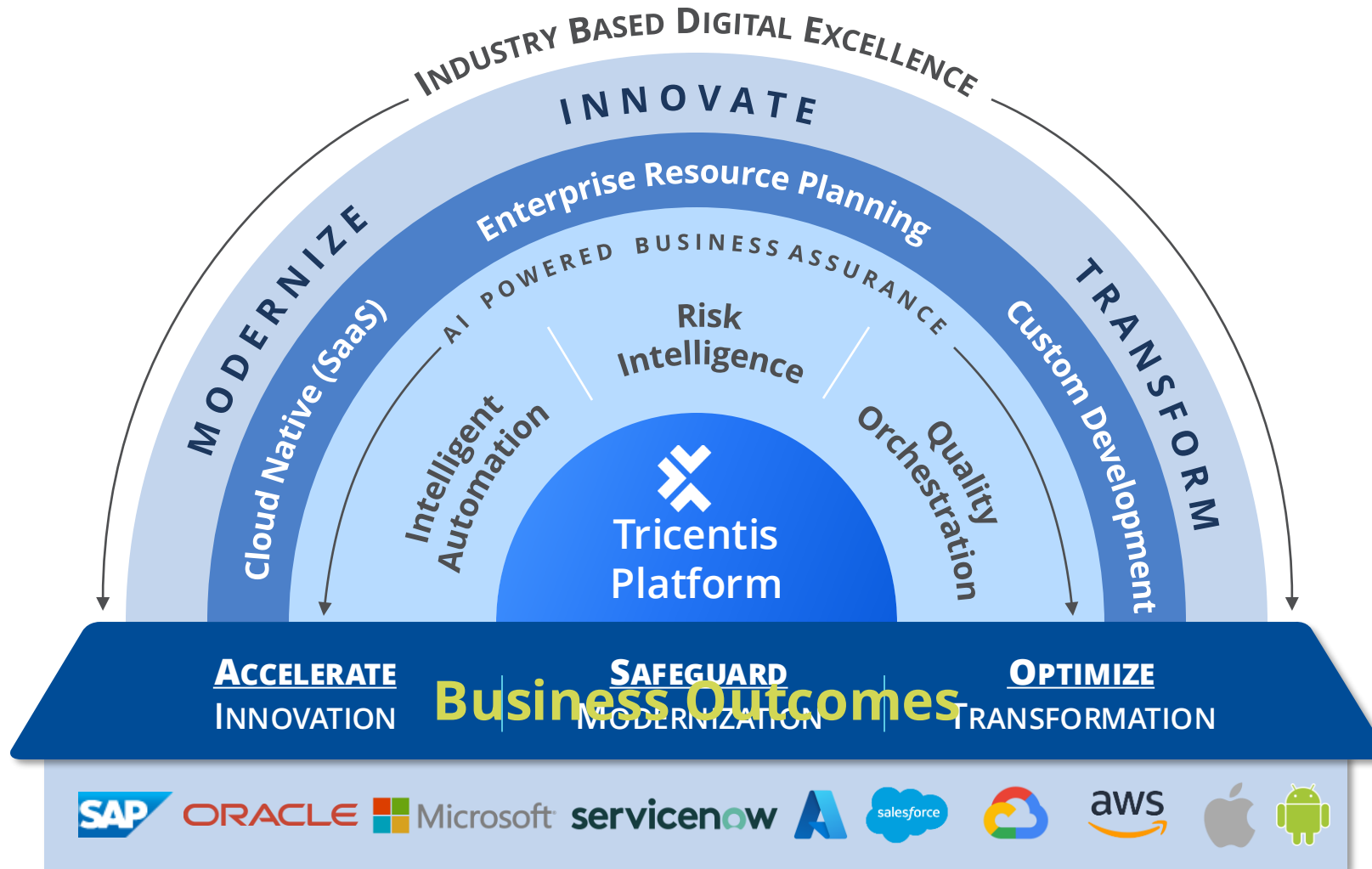
Risk Intelligence

Insights into change identifying, assessing,
and prioritizing most-at-risk areas



The Tricentis Platform

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MCKESSON

Empowering Healthcare

Key Business Outcomes

\$1.4m annual savings

Reduced Risk – DRE >99%

Overcoming testing complexity at McKesson for innovation without disruption

Situation

- Complex workstream with a large partner ecosystem
- No margin for error - Simple business processes cross over 30 different custom and packaged applications (SAP ECC, FI, Hybris, Ariba, Salesforce, Workday, Pega).
- Enterprise digital transformation including moving 24 SAP instances to SAP S4HANA.

Complication

- During this change, pressure to catch defects earlier and reduce cost of testing.
- Daily release schedules
- E2E business process validation covers multiple technologies

Solution

- On target for **90% test automation coverage**
- 35% reduction in testing costs (**\$1.4M annual savings projection**)
- McKesson's Defect Removal (DRE) exceeds 99%



“Software that doesn’t function correctly can have far-reaching and, in some cases, dire implications due to McKesson’s industry-leading business and life-critical mission”

Daniel Khan, North American Service Transition & Business Leader



Mercedes-Benz

Key Business Outcomes 100% testing cost avoidance

Mercedes-Benz drives better customer experiences & higher revenue through better data

Challenges

- Complex transformation rules
- Large data volumes
- Frequent changes expected with source systems and new requirements
- Lack of resources with advanced SQL and SAP BW skills

Solution Metrics

- **1 Billion+** rows tested with ~150 tests
- **400k+ rows tested** in under 60 seconds
- **100%** testing cost avoidance

Solution Results

- Delivered higher quality customer data to propel sales and improve customer experience
- Reduced Mean Time to Release (MTTR) through EDIT root-cause analysis
- **220** testing days saved



"It's impossible for humans to test billions of rows of data. We can now test nearly half a million rows in just one minute. There's just no comparison."

Ezgi Çetin, Test Automation Engineer, Mercedes-Benz Otomotiv



Key Business Outcomes **2500 Sales Reps can rely on applications performing**

How Dell doubled performance testing across SAP and 600 applications

The Situation

- SAP applications are the backbone of Dell's business
- Dell has 600+ applications including SAP Hybris and SAP GUI
- Dell's 2,500 sales reps rely on these applications to conduct business

The Need

- A performance testing solution capable of testing all Dell's applications
- Integration of performance testing into their CI pipeline
- Faster performance testing with less maintenance required

Why Tricentis

- Continuous performance test automation
- Standard platform for testing all their applications
- Ease of adoption
- Codeless solution enables faster test design with less maintenance
- Integration into their CI toolchain



NeoLoad helps Dell streamline load testing for SAP, the "backbone of the business."

Ranbir Singh, Management Information Systems Director

Forrester Total Economic Impact

SAP Application Testing Solutions

Through customer interviews and data aggregation, Forrester concluded that SAP application testing solutions by Tricentis have the following three-year financial impact.

Tricentis Business Assurance Quantified Benefits

Total Benefits:

\$7.8 million



“

When you put it all together, the benefits are clear: less test condition, less effort, less errors.

ERP principal test manager, telecommunications

BENEFITS

Accelerate innovation and software release cycles.

Reduce risks to critical business processes.

Increase transparency and support real-time insights.

Lower costs by reducing manual test efforts and complexity.

Empower business users and better decision-making.

334%

ROI and six months payback

300%

Improvement in application release rate

84%

Reduction in testing scope, and **78%** reduction in production errors

99.4%

Reduction in performance test maintenance costs



Source: "The Total Economic Impact of SAP Application Testing Solutions by Tricentis," Forrester Consulting, 2021.

We are **Tricentis**.

A global leader in quality engineering

RESULTS

10x Faster releases
90% Risk coverage
50% Cost reduction

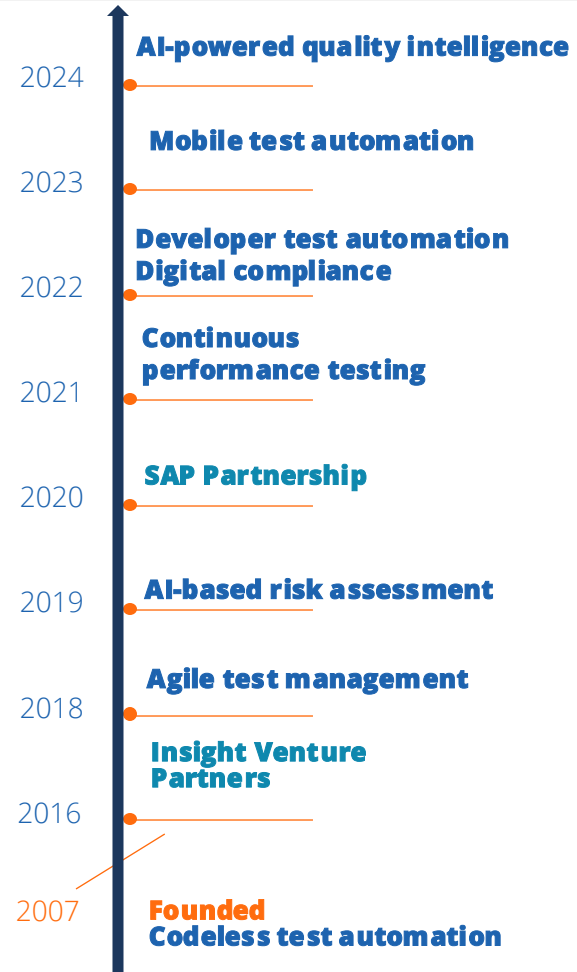
PARTNERS



TECH ALLIANCES



Driven by growth and innovation



CUSTOMERS

3k+
Customers



ANALYST RECOGNITION

Gartner

FORRESTER

IDC

Named leader in industry
analyst vendor ratings

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