

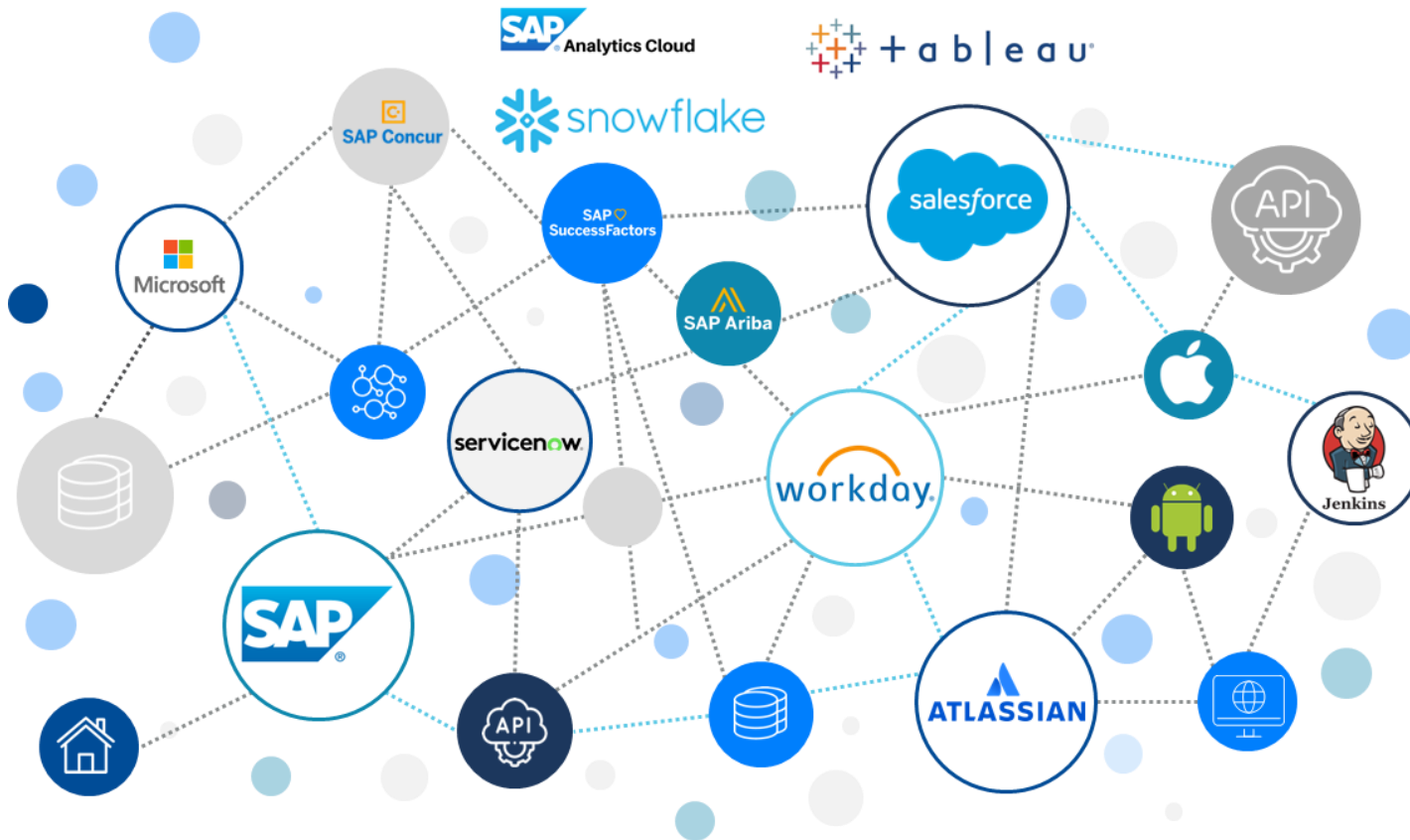
SAP Business Unleashed Innovation Day | 2025

A short, solid orange horizontal line.

How AI Supports highly effective SAP Quality Engineering



Cloud Adoption Innovation & Optimization



Composable | Autonomous | Heterogeneous

Innovation
does not happen
in a vacuum

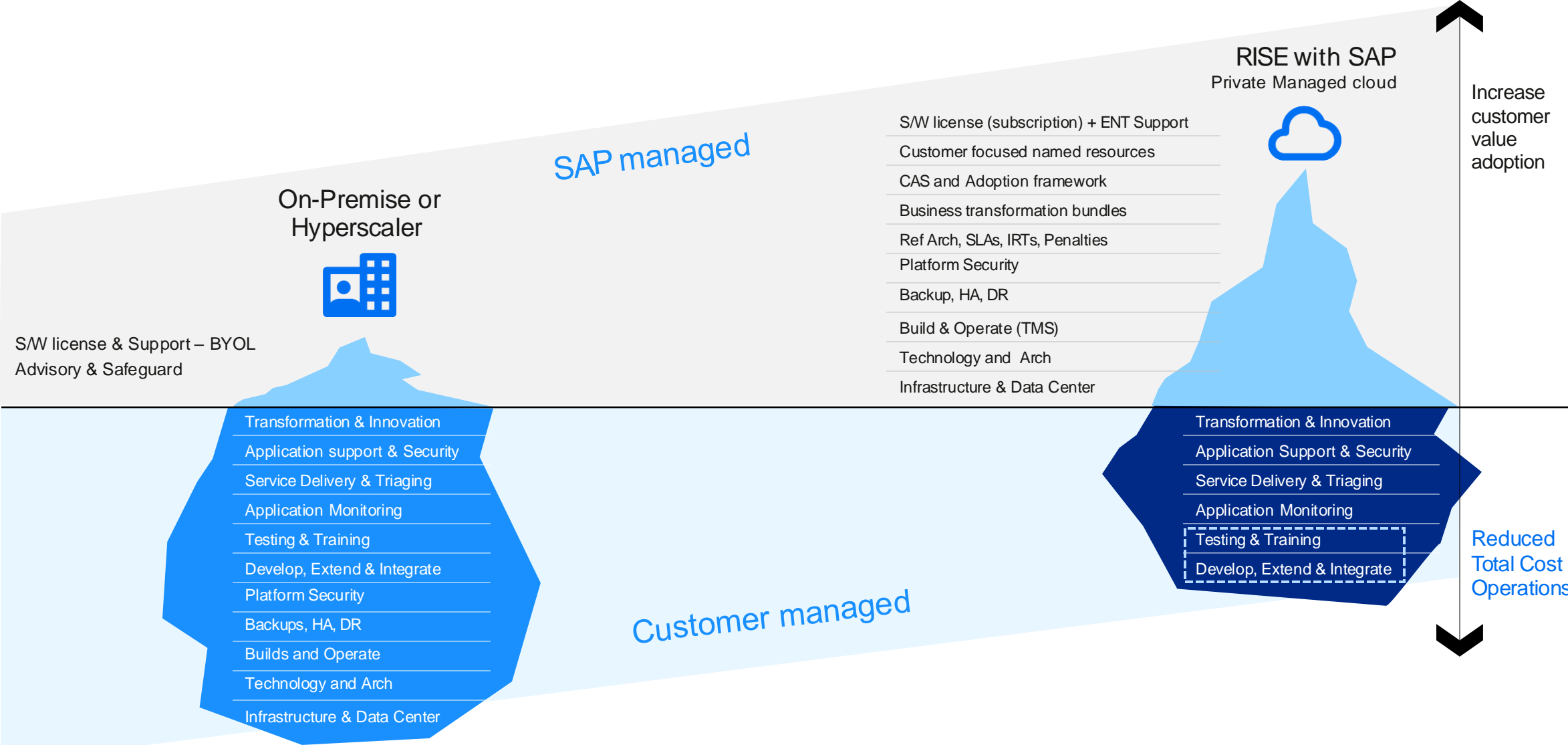


Increasing
rates of change

Increasing integration
complexities

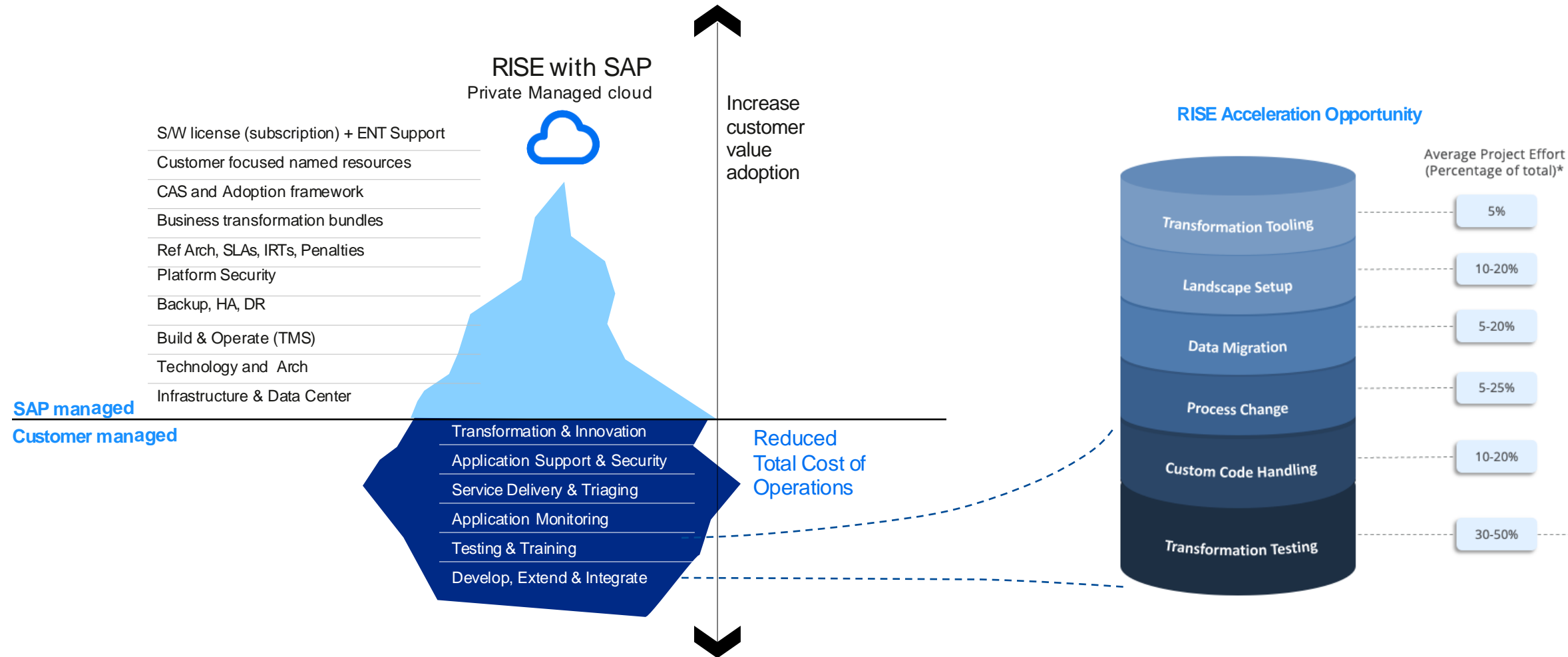
Increasing change
dependencies

Transitioning to the Cloud – A New Operating Model



Transitioning to the Cloud – A New Operating Model

New opportunities



Enterprise Application Landscape



Risk of change



Change frequency



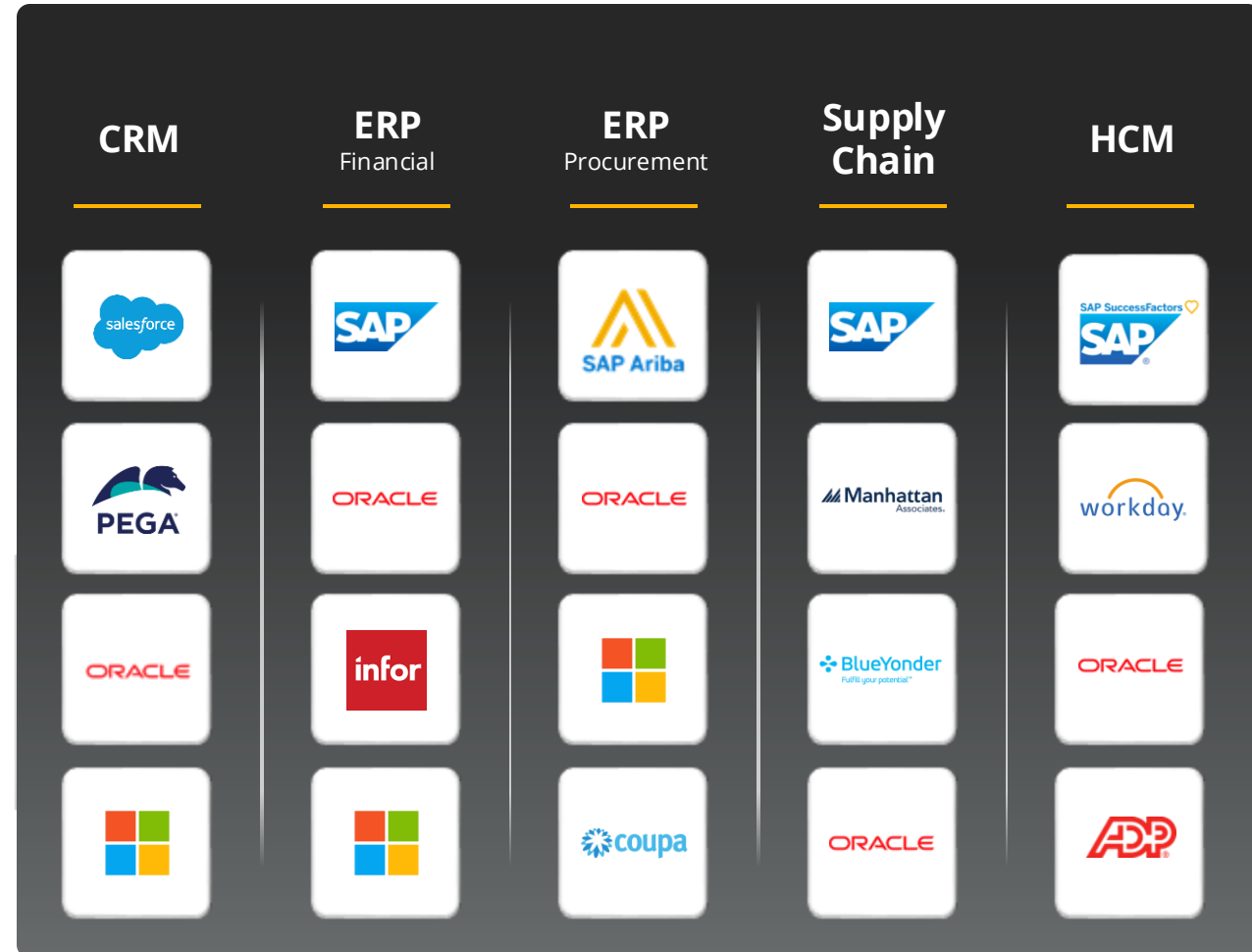
Application performance



Decision accuracy



Visibility & Control



Enterprise Application Landscape



Risk of change



Change frequency























Application performance



Decision accuracy



Visibility & Control

CRM	ERP Financial	ERP Procurement	Supply Chain	HCM
				
				
				
				
Salesforce 3 major releases per year, 4-6 weeks to test	SAP 4 major releases per year, 2 weeks to test	SAP Ariba 4 major releases per year	SAP 2 major releases per year	SAP SF 2 major and 12 minor releases per year, 2 weeks to test

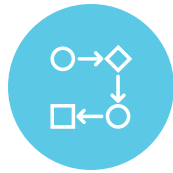
The Answer: An integrated approach to quality

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

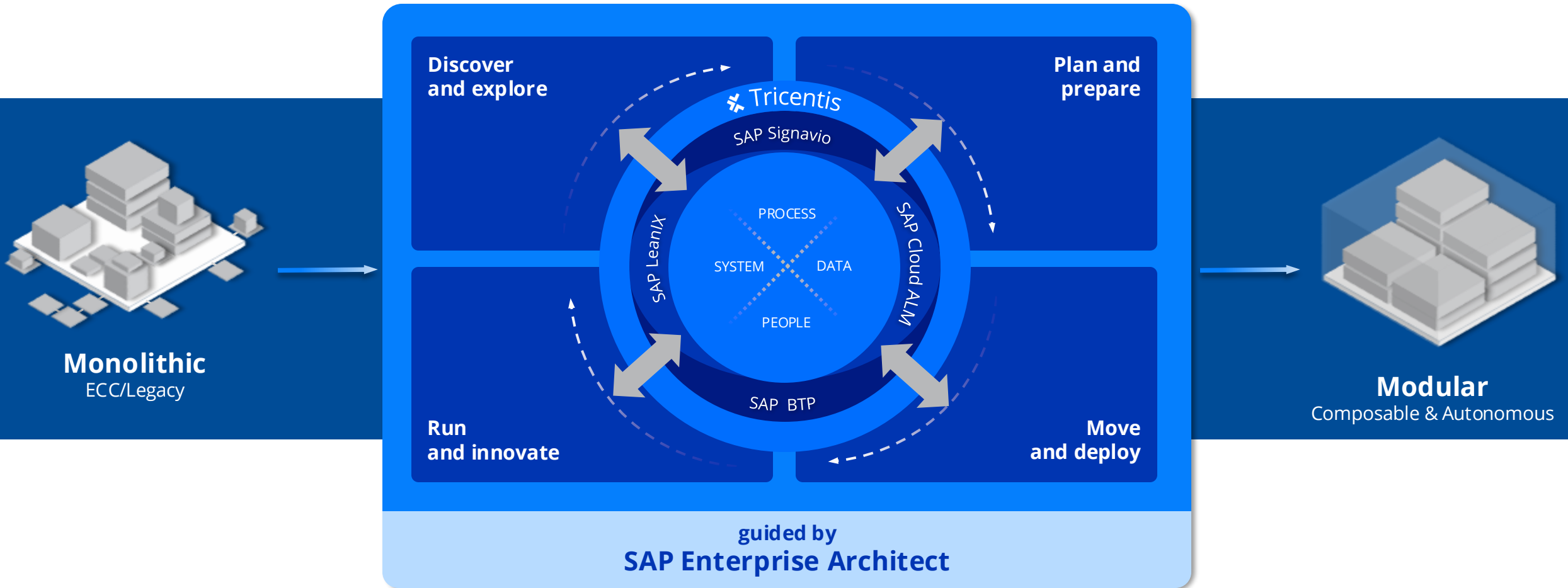
Exceed user expectations

Technology Platform

SAP Cloud ERP Framework

Driving transformation through people, process, and technology

Cloud ERP



SAP Cloud ERP Framework

Foundation for Continuous Clean Core Adherence

SAP Cloud Framework

Customer Journey

Start preparation of adoption plan aligned to the chosen journey

Engage early with customers and partners to collaboratively drive successful adoption - know “what happens next”

Clearly define and agree on post-sales operational model across SAP, customers, and partners

Activity maps

SAP Activate for RISE with SAP

Implementation methodology (Discover to Run)

SAP Activate for RISE with SAP S/4HANA Cloud Private Ed. ([link](#))

SAP Activate Clean Core Q-Gates + Check List

Adherence to Clean Core principles

New Clean Core Quality Gates

- Clean Core Q-Gates
- Clean Core Reports
- Clean Core Runbook
- Clean Core Success Plan

Key Clean Core principles

- Process
- Integration
- Extensibility
- Data
- Operations

Recommended SAP solutions to ensure project success

SAP Cloud ALM

Implementation
Operations
Services

SAP Signavio

SAP Best Practices
SAP Signavio Process Insights
SAP Signavio Process Manager
SAP Signavio Plug & Gain approach

SAP LeanIX

LeanIX used to analyze as is technical architecture, dependencies and risks

Extension & App dev.

SAP ABAP Cloud SAP Build Code SAP Build
SAP BTP, Cloud Foundry Runtime
SAP BTP, Kyma Runtime

Integration Suite

SAP BTP Integration Suite
SAP BTP Event Mesh

Data

SAP Datasphere
SAP Information Steward

Digital Adoption

Cross Platform workflows
Direct User guidance

SAP Intelligent Quality Platform by Tricentis

Change Impact Analysis, Test Automation, Service Virtualization, Data Integrity Validation, Enterprise Performance Validation

Tricentis Embedded in SAP

SAP R&D

- SAP tests products with Tricentis
- Part of HANA development process
- SAP Tosca CoE for every SAP release

SAP Toolchain

- Part of SAP Transformation toolchain (LeanIX, Signavio, Cloud ALM)
- Tricentis Test Automation included in SAP Cloud ALM (free)
- Covers all aspects of ALM, expanding to BPM and EAM

SAP Methodology

- Tricentis QA best practices referenced in SAP Activate
- Tailored to different transformation journeys
- Tricentis supports “toolifying” RISE with SAP in Cloud ALM for QA tasks

SAP Content

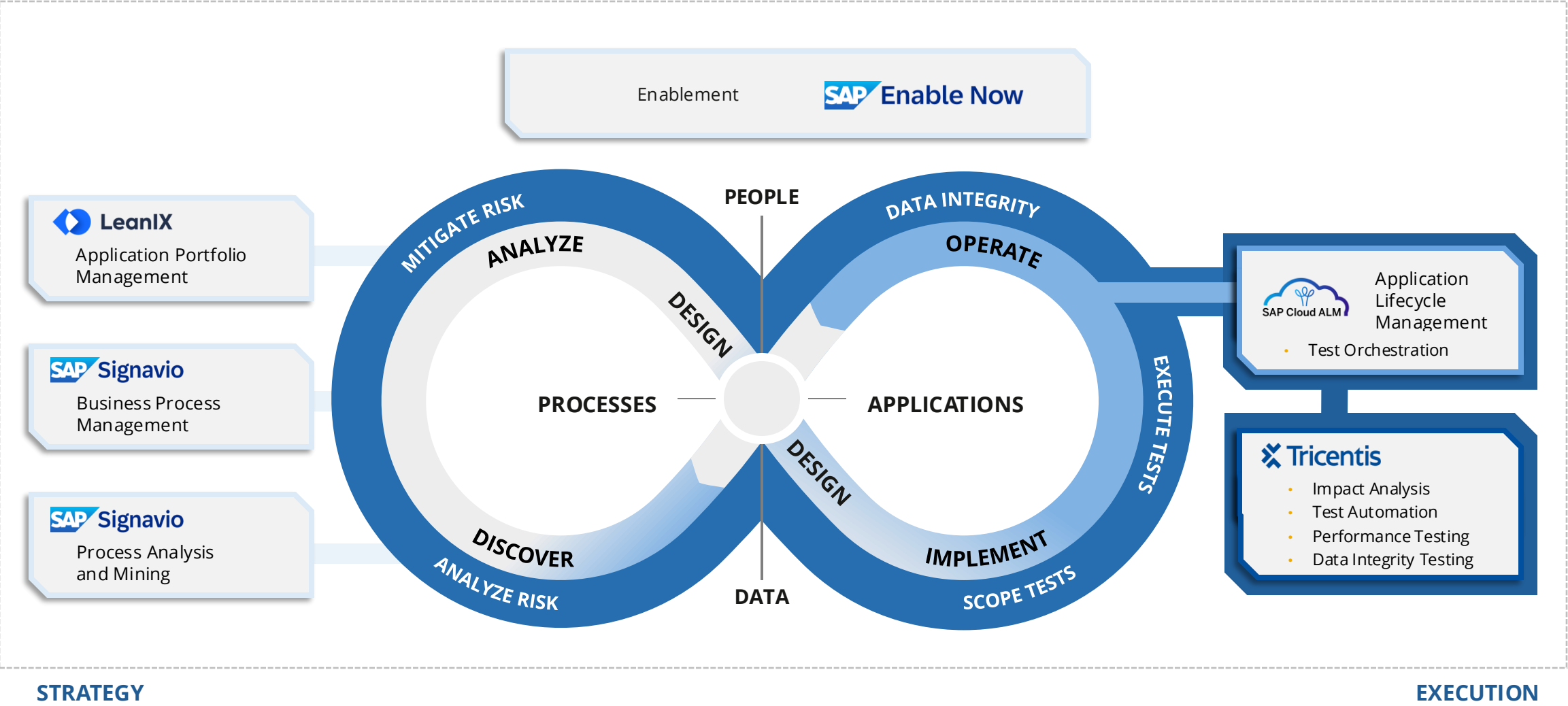
- SAP Tosca CoE creates testing content for every SAP Best Practices release
- AI-powered test generation integrated in SAP BTP AI Service Hub

SAP GTM

- Tricentis products part of RISE with SAP via the RISE Adoption Framework
- SAP premium-qualified Solution Extensions
- Exclusive provider for SAP Testing Automation
- Single SAP support channel for Tricentis products

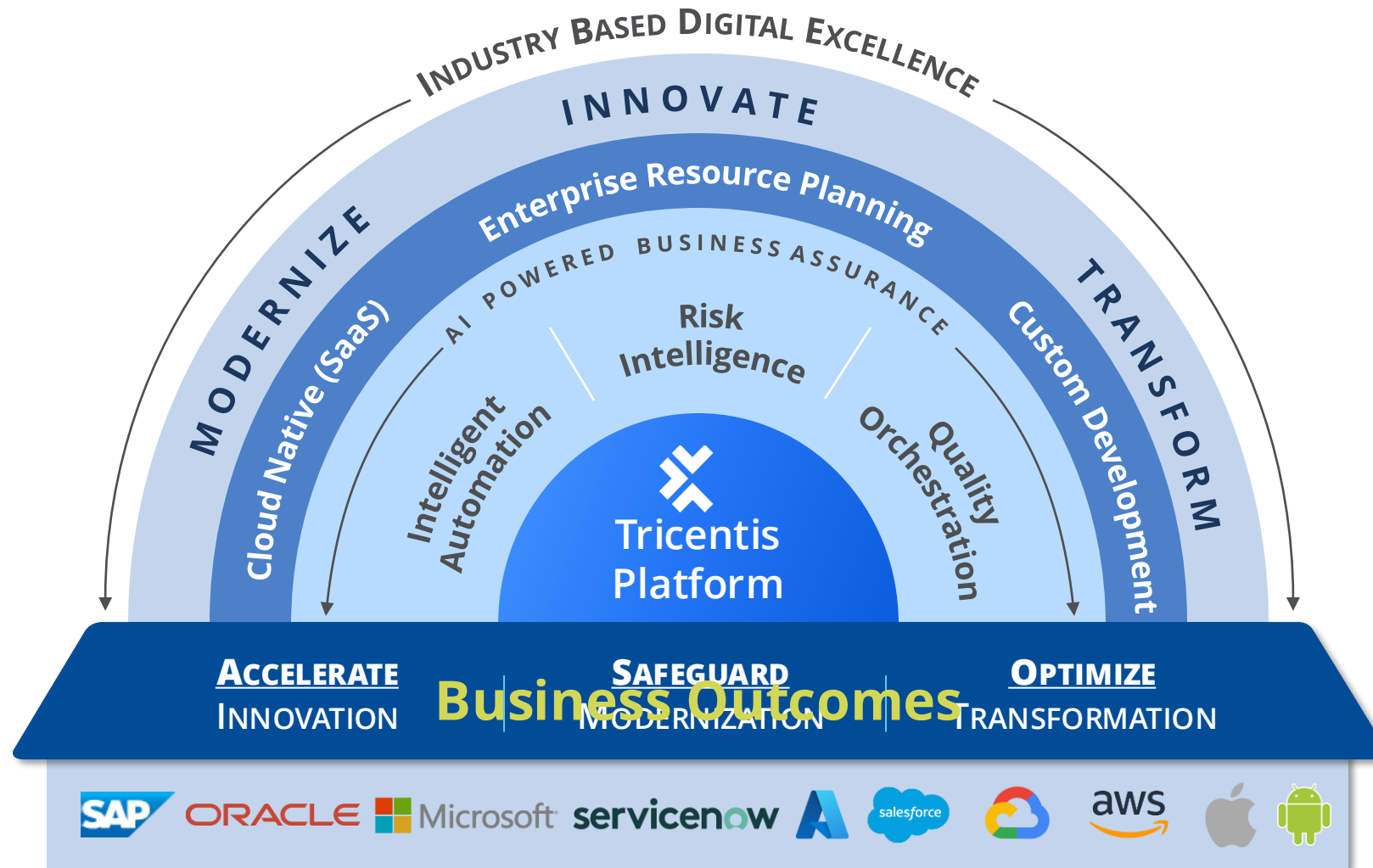
The Quality Shield for SAP Cloud ERP Framework

Safeguarding transformation across EAM, BPM and ALM



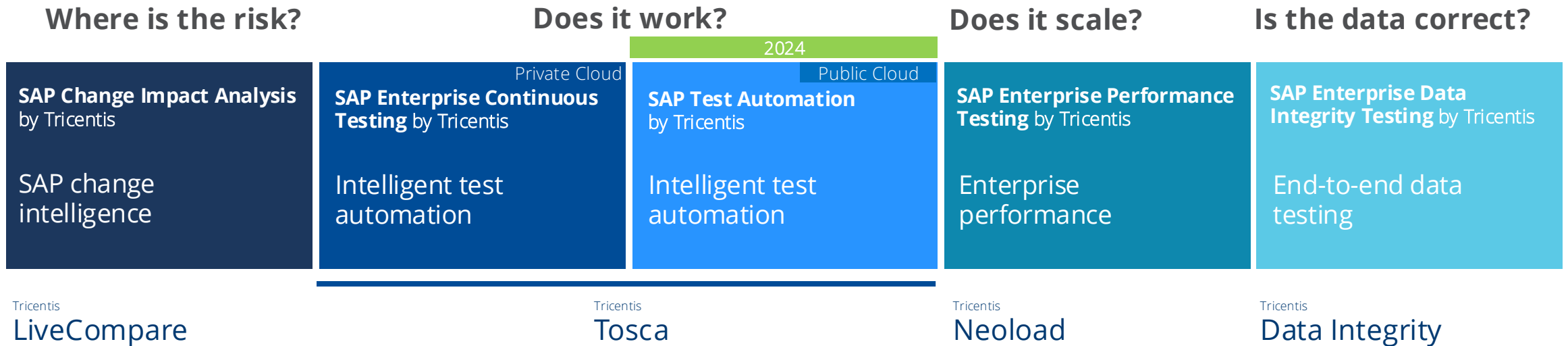
The Tricentis Platform

Safeguarding delivery of outcomes through digital transformation & innovation



The Tricentis Continuous Testing Platform

The only quality assurance solutions certified and recommended by SAP

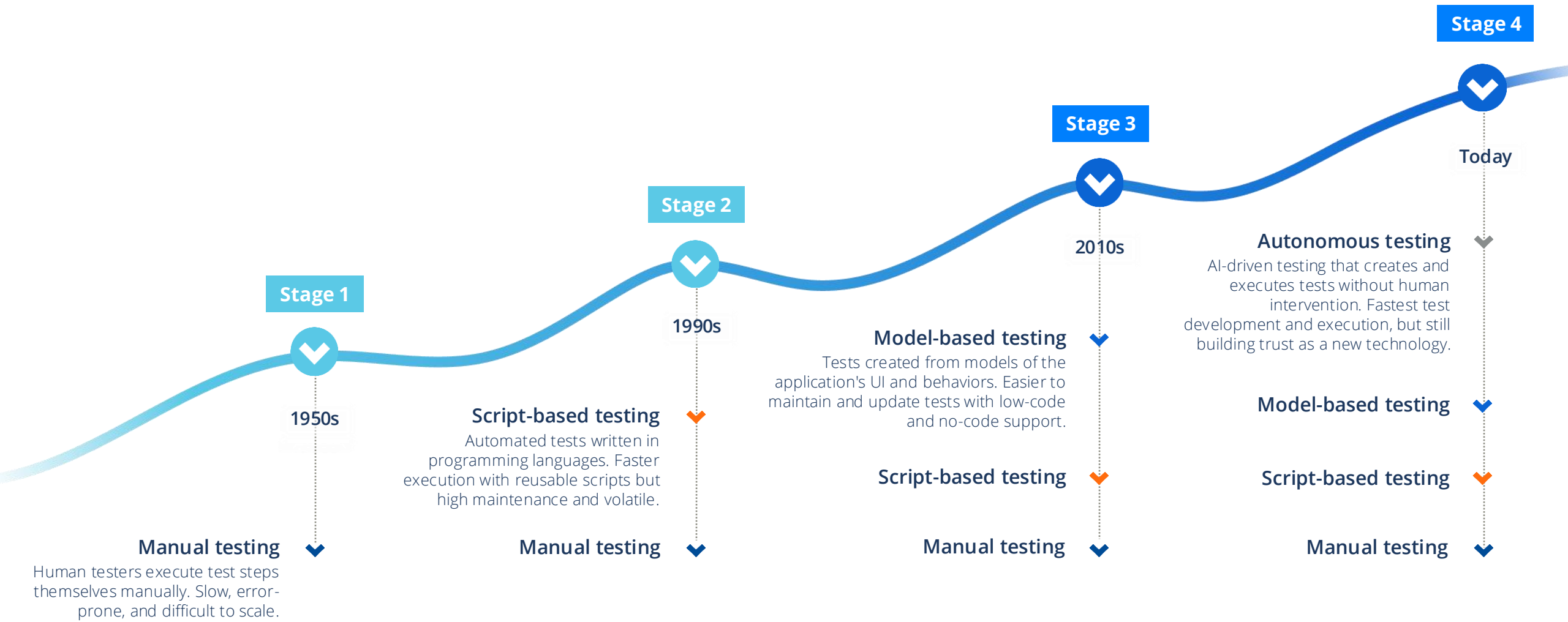


SAP Solution Extensions

SAP Activate

The Evolution of testing..

Testing strategies adapt as delivery timeframes and expectations accelerate



Evolution of AI in Quality Engineering

Evolution of Driving

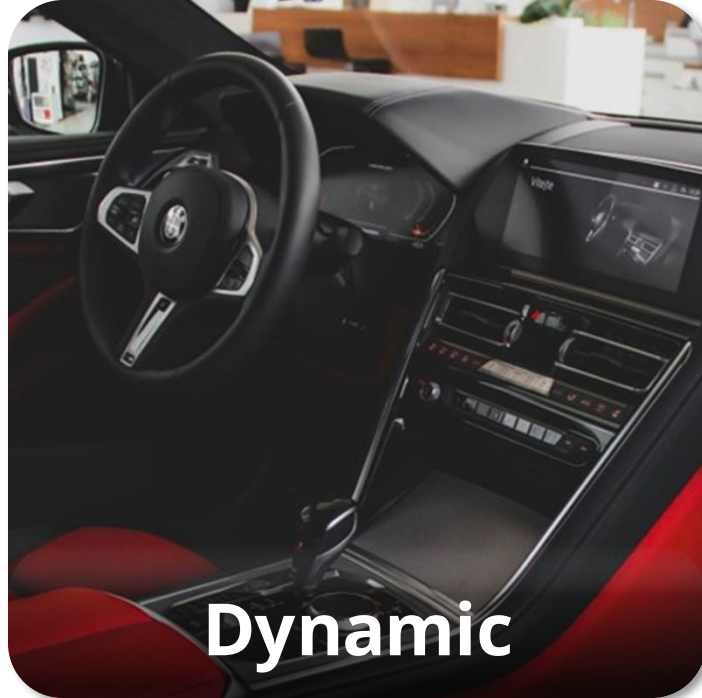


Foundational

Standard Cruise Control



Scripted Automation
Codeless Automation



Dynamic

**Adaptive Cruise Control
Advanced Navigation**



Computer Vision
Self-healing | Risk Intelligence



Transformative

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



MCKESSON

Empowering Healthcare

Key Business Outcomes

\$1.4m annual savings

Reduced Risk – DRE >99%

Mastering SAP testing complexity 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

Questions Answers+



ThankYou.

