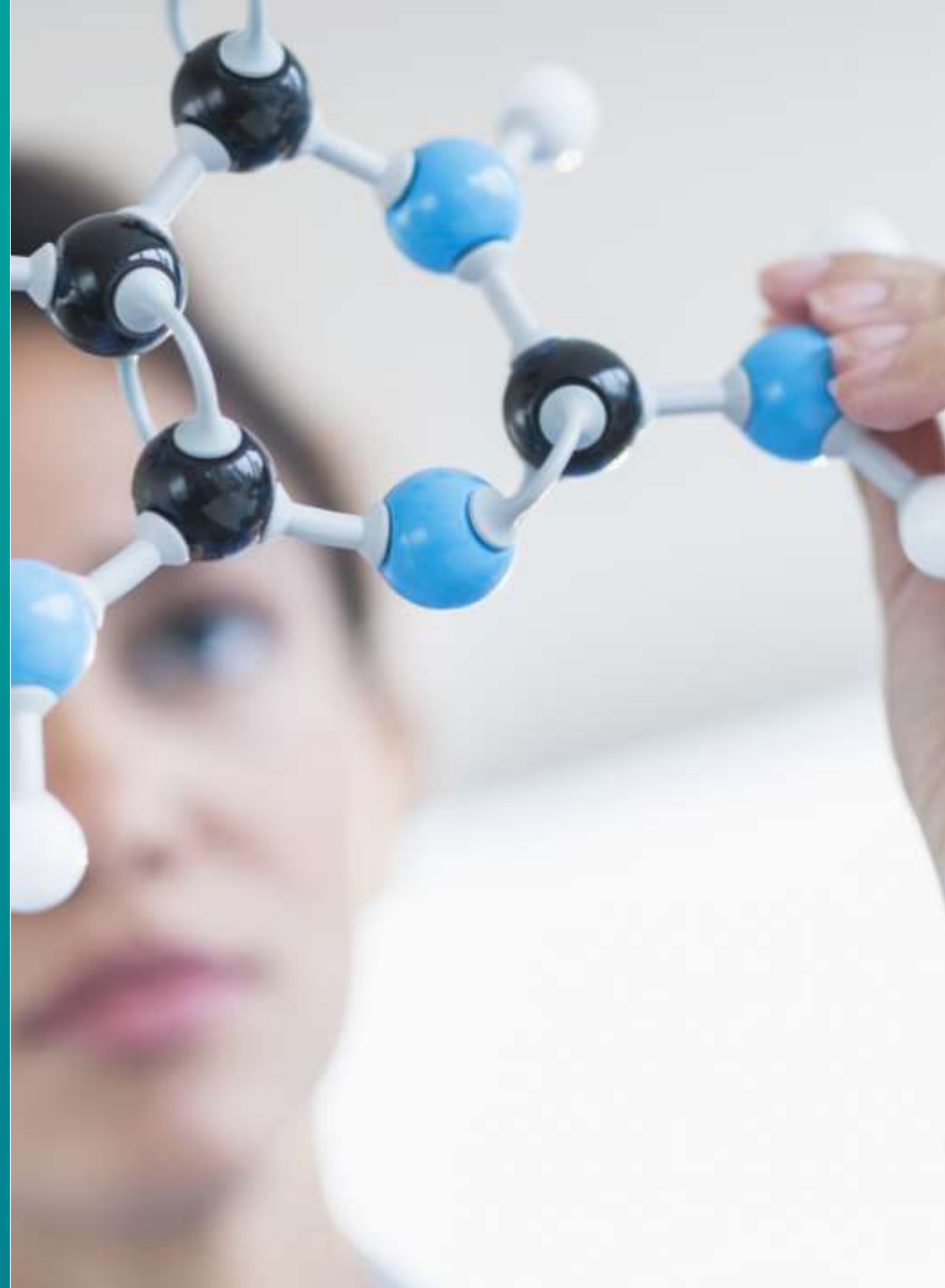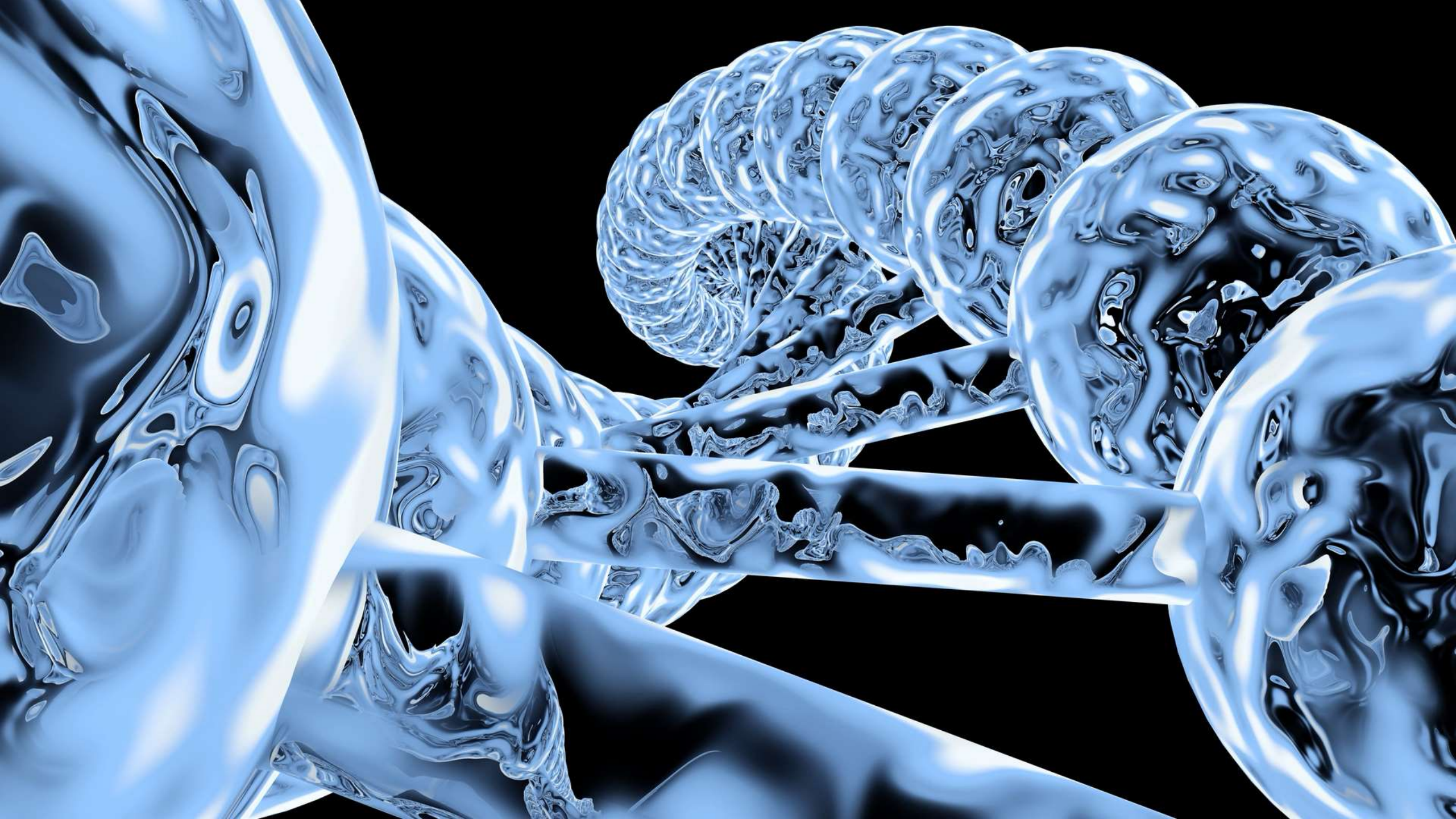# SAP Innovations for the regulated Environment:
SAP E2E Digital Validation platform approach
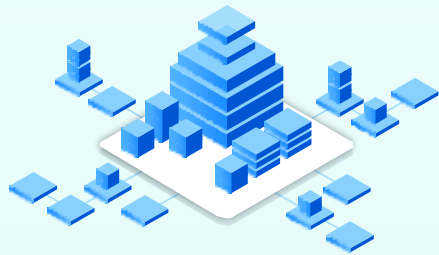
Amedeo Prodi
SAP Architecture Advisor

RISE with SAP Methodology guides Life Sciences Companies in transition from a modified monolithic architecture to a modular suite

Monolithic
ECC/On premises

The RISE with SAP Methodology is designed to ensure the transition from a monolithic architecture to a modular suite

Modular Cloud ERP Suite

Broken Processes

High # of custom modifications and add ons

Isolated and siloed analytics

Data redundancies
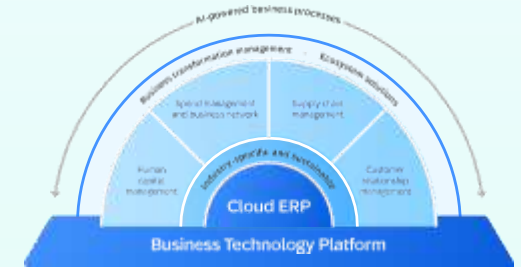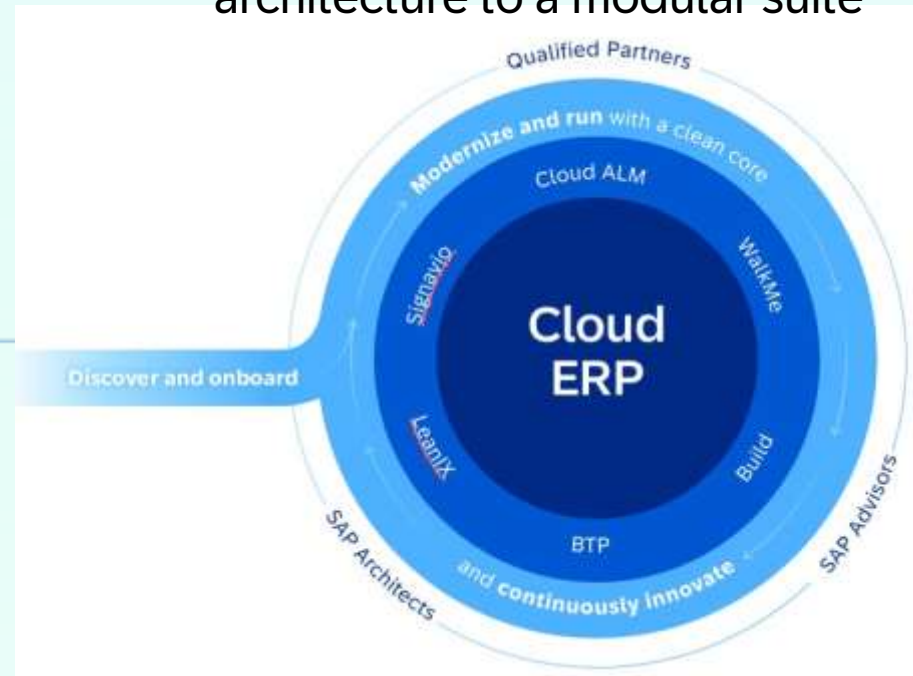
70% of Core Business Processes are automated

80% less software customization

E2E Analytics & pre built Business content

Single source of data truth

RISE with SAP Methodology
Transform your business and enable continuous innovation

RISE with SAP Methodology | Key components
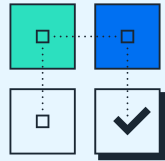
A standardized framework

to facilitate the transformation journey and enable continuous innovation.

Utilizing the integrated toolchain

to enhance the customer experience and accelerate transformation.

Guided by experts

from SAP and its qualified partners for onboarding and ongoing engagement.

We designed RISE Methodology with the purpose to standardize the end-to-end process while maximizing usage of SAP and partner expertise

A standardized framework
to facilitate the transformation journey and enable continuous innovation.

Utilizing the integrated toolchain
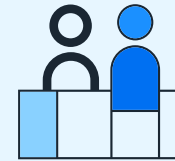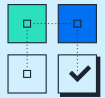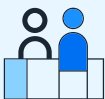to enhance the customer experience and accelerate transformation.

Guided by experts
from SAP and its qualified partners for onboarding and ongoing engagement.

Discover ▸ Prepare ▸ Explore ▸ Realize ▸ Deploy ▸ Adopt

Your transformation journey tailored specifically for RISE with SAP S/4HANA Cloud Private Edition
It includes task descriptors and accelerators, an overall **clean core success plan**, and **quality gates to compliance** at every stage of the journey.
In addition, the new **AI-powered** RISE with SAP Methodology **assistant** will soon be available to enhance your experience.

SAP Signavio
Collaborative business process management: platform for analysis, design, modelling, and optimize business processes.

SAP LeanIX
Enterprise Architecture Management: tools and capabilities to visualize, manage, and optimize IT landscapes and technology portfolios.

SAP Test Automation by Tricentis
Test Automation Platform: Streamline and accelerate the testing process through automation.

WalkMe
Simplify User Transition: User Assistant by WalkMe + SAP Enable Now e-learning content

SAP CALM Implement & Operate Solutions

Onboarding by a dedicated launch advisor and SAP expert guidance
- **Setting up project management** tools and establishing the project road map, introducing the principles of the clean core methodology, outlining the clean core success plan, and supporting the execution of quality gates
- **SAP expert feedback and recommendations** on how to achieve the clean core principles.
- **SAP community network** to get answers, discuss best practices, and continuously learn more about SAP solutions

The Quality Shield for SAP Transformation Management

Safeguarding transformation across EAM, BPM, and ALM
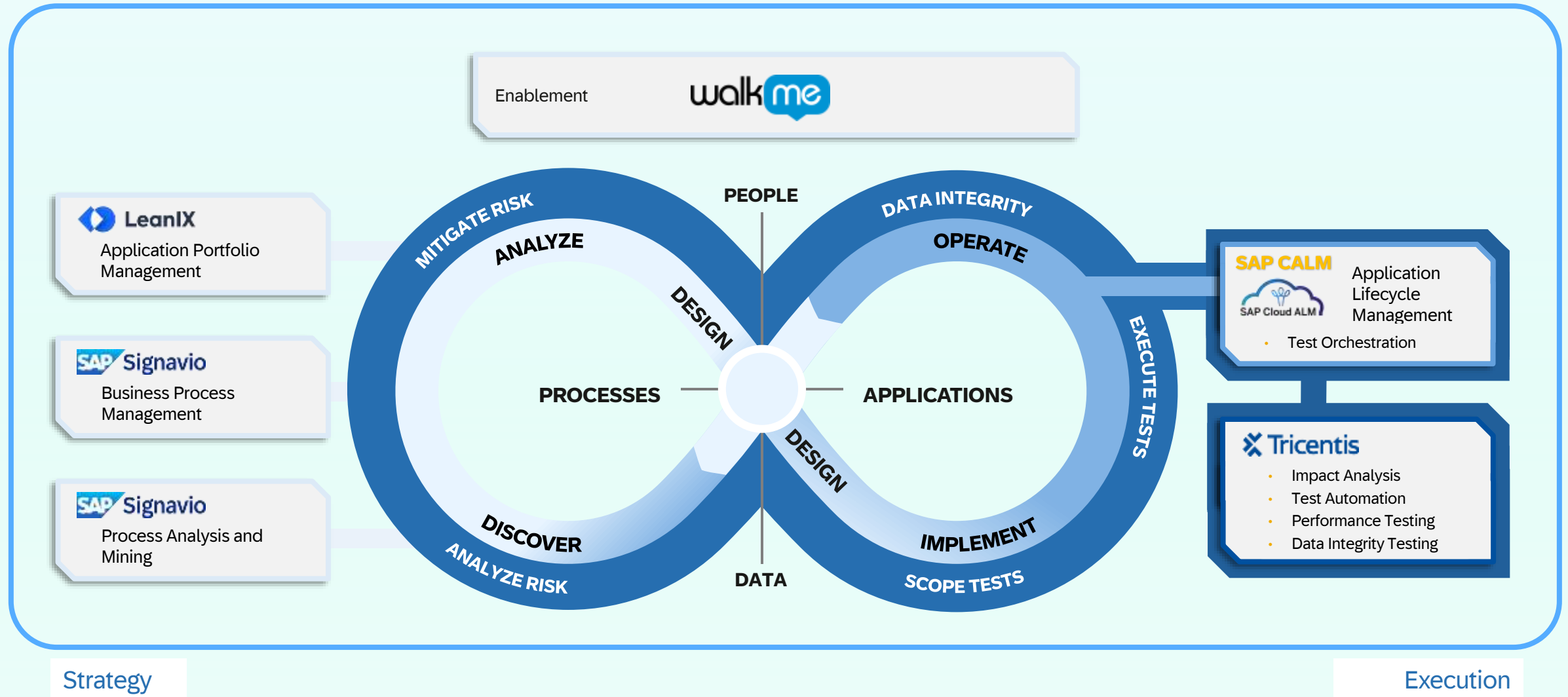
Bring your business strategy to execution

Toolchain role

Bring your business strategy to execution with Business Transformation

SAP Cloud ALM	DISCOVER	PREPARE	EXPLORE	REALIZE	DEPLOY	RUN
What is my business strategy?	**Where are we at the moment and how are we doing?**	**How do we want to work in the future?**		**How do we implement seamlessly and manage change at scale?**	Go Live	**How good are we performing now? Can we improve continuously?**
SAP Signavio	Process performance and execution analysis	Process design, collaboration and governance		From target design to implementation . Extended Business and IT source of Truth.		Value realization and monitoring Continuous process improvement
SAP LeanIX	Business Capability Management Application Portfolio Analysis Features usage analysis	Architecture Recommendations and impacts analysis				Application portfolio analysis Business/IT alignment monitoring
Tricentis				Test Automation & Backlogs Tests		
walkme		Accelerators selection and change management preparation		In-app guidance roll-out		Digital adoption monitoring and optimization

SAP Cloud Application Lifecycle Management

SAP Cloud ALM helps you to **implement** and **operate** intelligent **cloud** and **hybrid** business **solutions**. You benefit from an **out-of-the-box**, native cloud solution, designed as the **central entry point** to manage your SAP landscape with **content-driven** guided implementation (Best Practices) and highly **automated** operations. This helps to: Achieve faster time-to-market, Avoid business disruptions, Increase efficiency of IT operations, Provide transparency of the entire IT landscape.

Benefits of SAP Cloud Application Lifecycle Management (*)

https://roadmaps.sap.com/

15% Reduction TCO due to harmonization of implementation & validation, reducing interfaces and errors ,

Review Time To Zero - Reduced effort in testing and risk management activities of GxP relevant Processes

20%+ Reduction in implementation effort and in change impact analysis, using different expert tools and out-of-the-box process for validation.

80% Reduction time for updates from release note to release of the update

Capabilities of SAP Cloud Application Lifecycle Management:

Designed for cloud and hybrid customers

Cloud solutions from SAP
- **On-premise** ABAP solutions (SAP S/4HANA, SAP Business Suite, SAP BW)
- **PI/PO** integration monitoring
- **Non-SAP** solutions

Bild, Run, Optimize your Intelligent enterprise

Provides **Methodology (Activate)**, **Operation Automation**, **Collaboration**, **Integration** delivering:
- Business Transformation: Analyze, Transform, Provide, Validate
- Harmonized projects implementation (Design[Best Practices], Build, Test, Deploy).
- Service Collaboration: Prepare(Service plan), Deliver(Mon. Status), Share(Reports), Follow-up(Results)
- Business Continuity: Detect(Anomalies), Analyze (root cause), Correct(actions), Automate

Adopt Clean Core

Provides the environment to manage your clean core projects along SAP Activate and the 5 dimensions together with Analytics and Traceability dashboards to track adherence to clean core criteria
- Processes
- Extensibility
- Data (Readiness Check for quality)
- Integration
- Operation
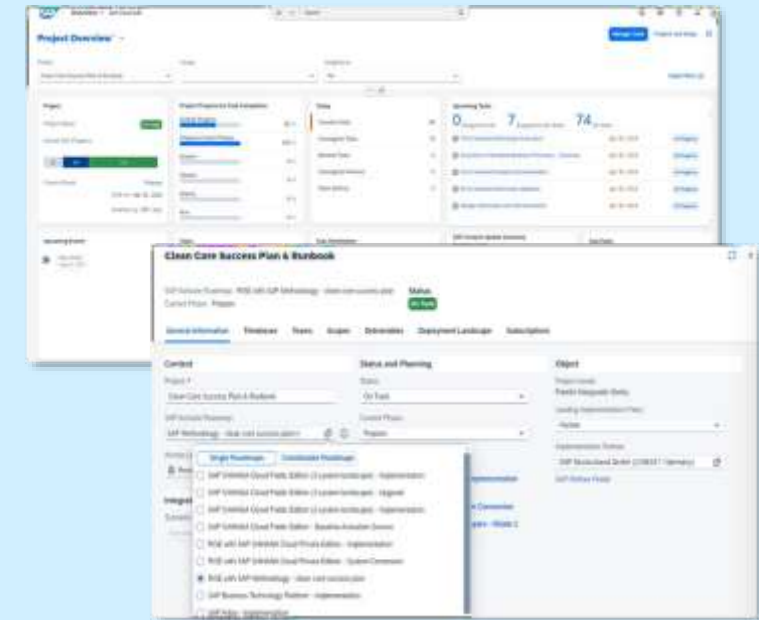
Facts and figures

7900+
customers and partners in implementation and operations

Included
in your cloud subscription containing: Enterprise Support, cloud edition and in SAP Enterprise Support.

SaaS Native
Solution available across the globe

SAP Testing Automation Platform

Tricentis is a leading provider of continuous testing solutions that play a crucial role in S/4HANA transformations. SAP Test Automation by Tricentis enables digital transformation and intelligent operations by reducing business risk associated with application changes. Seamlessly extend and expand your automated testing that exists in SAP Cloud Application Lifecycle Manager with more capacity and users

Benefits of SAP Testing Automation Platform (By Forrester)

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

334% ROI and six months payback

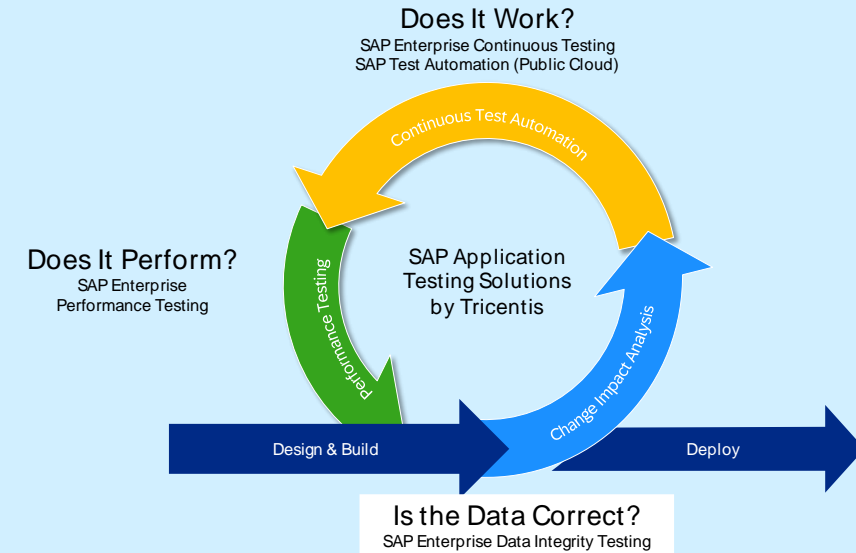## Capabilities of SAP Testing Automation Platform:

Change Impact Analysis

AI based, Identifies high-risk areas, prioritizes tests to ensure coverage, automatically creates execution lists based on impacted areas and improve quality of standard and custom software releases

Enterprise Continuous Testing

Comprehensive end-to end testing with support for SAP and hundreds of other technologies and enterprise apps - On-demand test systems and test data to end testing roadblocks – (AI Based) Risk-based testing that aligns testing with business priorities to ensure critical business processes are always covered

Performance Testing

Provides real-time visibility into enterprise application performance with on-demand, cloud-based distributed load testing. The solution scales to test at speed, supports open-source tools, and simplifies test creation and deployment. It collects and aggregates results from multiple load testing scripts and presents them in an intuitive reporting interface.

Tricentis

Does It Work?
SAP Enterprise Continuous Testing
SAP Test Automation (Public Cloud)

Continuous Test Automation

Does It Perform?
SAP Enterprise Performance Testing

Performance Testing

SAP Application Testing Solutions by Tricentis

Change Impact Analysis

Design & Build   Deploy

Is the Data Correct?
SAP Enterprise Data Integrity Testing

Facts and figures

3.000+
Customers around the world

108K+
Certified Tricentis Test Automation Engineers

Leader
Named leader in industry analyst vendor ratings and **Official Testing** Solution **for SAP**

SaaS Native
Solution available across the globe

SAP Signavio Process Transformation

SAP Signavio, our cloud-based suite for business process analysis, optimization and management, you can optimize your processes, increase efficiency and drive transformation and innovation.

The market-leading solutions gives your organization the ability to visualize, optimize and transform every aspect of your business processes to drive sustainable growth and resilience - fast and at scale to archive a more agile and resilient enterprise.

Benefits of SAP Signavio

✓ **Achieve transparency**

✓ **Improve performance**

✓ **Streamline Collaboration**

✓ **Accelerate time to value**

Capabilities of SAP Signavio:

Process and journey modeling

Standardized process and journey management, simulation and modeling

Process governance and automated execution

Maintain organizational and regulatory compliance of all documented processes

Process analysis and mining

Complete process analysis and mining for enterprise transformations and operational excellence programs

Process transformation management and collaboration

Collaborative planning, management and execution of transformations

Value acceleration and artificial intelligence

Speed up time to value and increase the quality of output with pre-built sets of content and generative AI
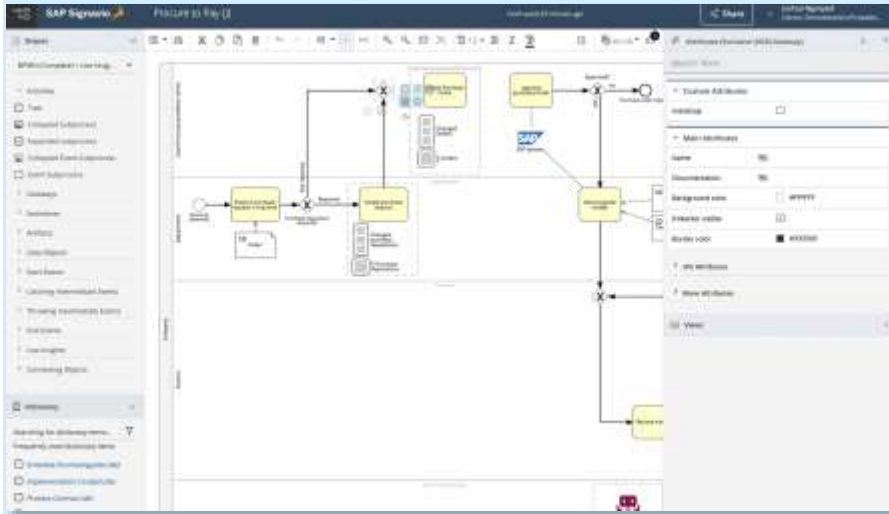
Facts and figures

2500+
Customers around the world

Leader
Status in multiple analyst grids

Front-runner
of SAP Business AI

1000+
of Best Practices

SAP Cloud ALM

LeanIX Enterprise Architecture

LeanIX is a market leader for enterprise architecture, driving the **modernization of IT landscapes and continuous business transformation**.

Its software-as-a-service solutions empower organizations to **create transparency**, enabling them to **visualize, assess and manage** the transition towards their target IT architecture.

Benefits of LeanIX (IDC Study)

$1.1M - Companies using LeanIX solutions realize on average of $1.1M per year in benefits

$2,670 - avg. annual benefit per managed app

386% - ROI in 3-years

5 - months payback period

Capabilities of LeanIX:

Application Portfolio Management

Gain transparency over the as-is application landscape and all dependencies and understand how your business capabilities are supported.

Technology Risk and Compliance

Proactively address potential vulnerabilities and threats, compliance issues and obsolescent technology.

Architecture and Road Map Planning

Design and plan the to-be application landscape and build a technology roadmap to get there faster, with less risk and greater confidence.
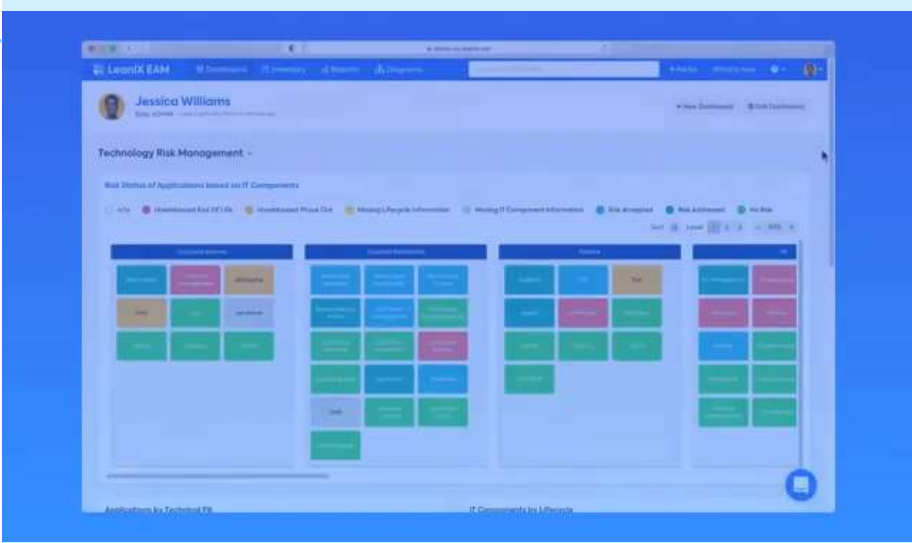
Facts and figures

1200+
Customers around the world

NPS 70+
Customer satisfaction score

Leader
Status in multiple analyst grids

SaaS Native
Solution available across the globe

WalkMe

WalkMe is the world's leading Digital Adoption Platform (DAP). Enterprises use WalkMe to pinpoint and resolve the digital friction that's hiding in their workflows, achieve the ROI they expect from their tech investments and be better equipped to manage constant change.

Benefits of WalkMe

60% Faster adoption of new app and features (fast time to adopt)

45% Faster Application change adjustments (fast time to adapt)

41% Fewer Business Process errors (issue prevention)

494% Boost your Adoption ROI

Capabilities of WalkMe:

Data and analytics

Visibility into the real usage and friction points in all the software running across the organization, workflow by workflow, task by task so businesses can see what workflows they need to optimize and track success

Digital adoption content creation

Tools and templates to eliminate friction in key workflows by building automations and personalized in-app guidance delivered in the flow of work

User experience

People-first experiences that provide in-app guidance, a conversational interface to kick off tasks and answer questions, and helpful notifications; all designed to help people navigate workflows effortlessly, even in the face of constant change.

Facts and figures

1600+
Customers around the world

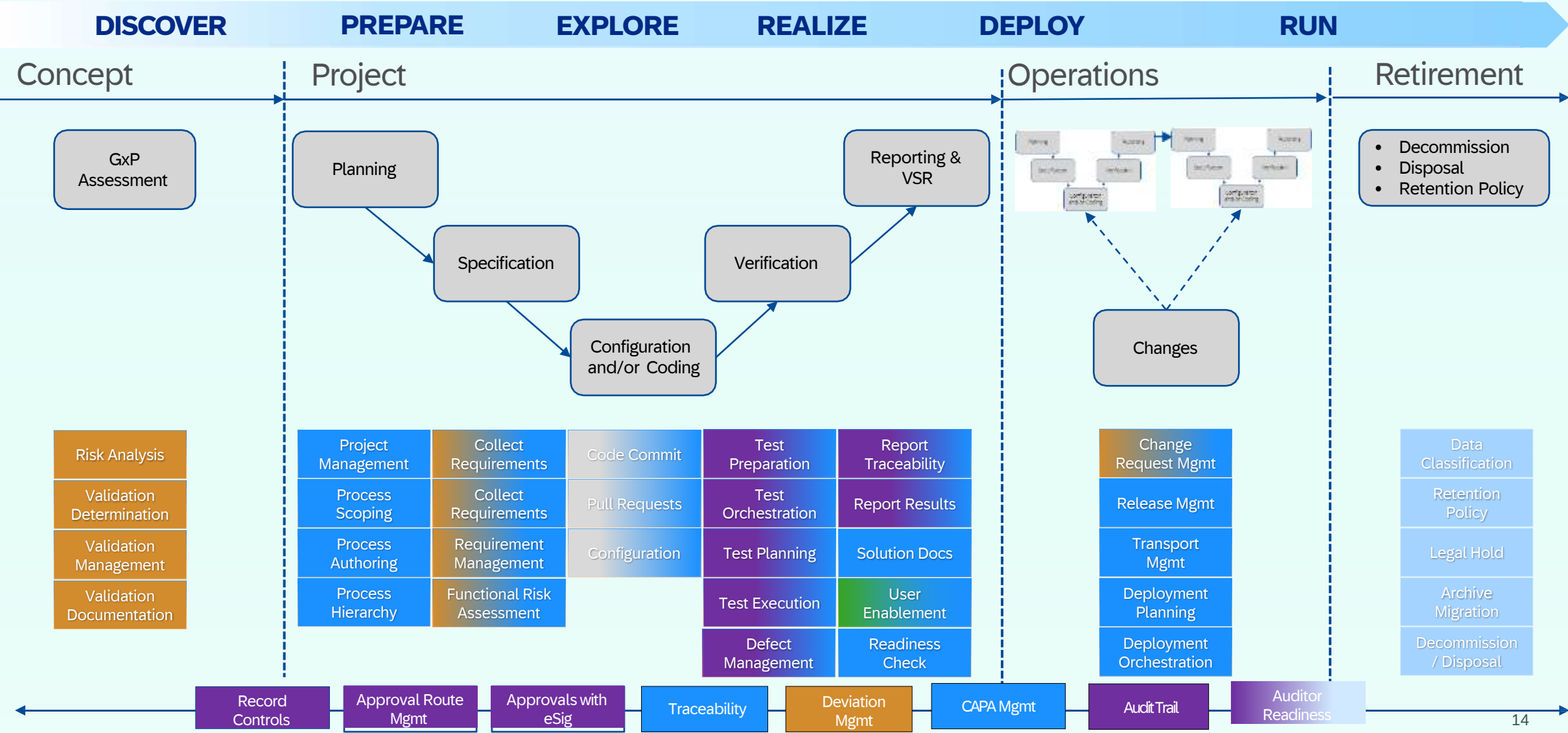**7 billion+**
Interactions with WalkMe

27%
Of the Fortune 500 as customers

Leader
Recognized by Gartner, IDC and Forrester

GAMP 5 Project Phases mapped to Platform capabilities incl. SAP Partner Solutions

DHC SVA	Roadmap
WalkMe	Tricentis Vision
SAP CALM	Tricentis

DISCOVER · **PREPARE** · **EXPLORE** · **REALIZE** · **DEPLOY** · **RUN**

Concept | Project | Operations | Retirement

GxP Assessment	

Planning → Specification → Configuration and/or Coding → Verification → Reporting & VSR

Changes

- Decommission
- Disposal
- Retention Policy

Risk Analysis	Project Management	Collect Requirements	Code Commit	Test Preparation	Report Traceability	Change Request Mgmt	Data Classification
Validation Determination	Process Scoping	Collect Requirements	Pull Requests	Test Orchestration	Report Results	Release Mgmt	Retention Policy
Validation Management	Process Authoring	Requirement Management	Configuration	Test Planning	Solution Docs	Transport Mgmt	Legal Hold
Validation Documentation	Process Hierarchy	Functional Risk Assessment		Test Execution	User Enablement	Deployment Planning	Archive Migration
				Defect Management	Readiness Check	Deployment Orchestration	Decommission / Disposal

Record Controls	Approval Route Mgmt	Approvals with eSig	Traceability	Deviation Mgmt	CAPA Mgmt	Audit Trail	Auditor Readiness

Customer Experiences

Life Science experiences
with SAP CALM

"SAP Cloud ALM serves as the central entry point for managing our SAP solution landscape, supporting smooth integration, content-driven guided implementation, and highly automated operations, which are essential for our cloud journey. As part of the RISE with SAP offering, SAP Cloud ALM helps us integrate SAP solutions with our third-party systems. This enables us to **leverage the best capabilities of SAP solutions to remain future-ready**."

Vasant Pednekar, SHS IT, ALM Lead, Siemens Healthineers AG

SIEMENS Healthineers

"With the SAP Cloud ALM solution, Dr. Reddy's efficiently monitors its diverse hybrid landscape, including various cloud services. The straight- forward, user-friendly setup of SAP Cloud ALM makes it operational from day one, facilitating seamless centralization. This enables more efficient monitoring, troubleshooting, and optimization, ensuring the SAP software environment at Dr. Reddy's operates smoothly and effectively."

Sojan Varghese, SAP Platform Head, Dr. Reddy's Laboratories Limited

Thank you.

SAP Bring out your best.