7 Reasons why you need SAP BTP to maximize your RISE implementation

**Ricky Cheng, Principal Solution Advisor**, SAP

Las Vegas

2024

SAPinsider

What We'll Cover

Learn how SAP BTP can maximize your RISE implementation with

- Proven tools to migrate data and custom reports
- Integration across applications with prebuilt content
- Process automation with prebuilt bots
- Extensibility best practices to help keep your core ERP clean
- Wrap-Up

SAPinsider
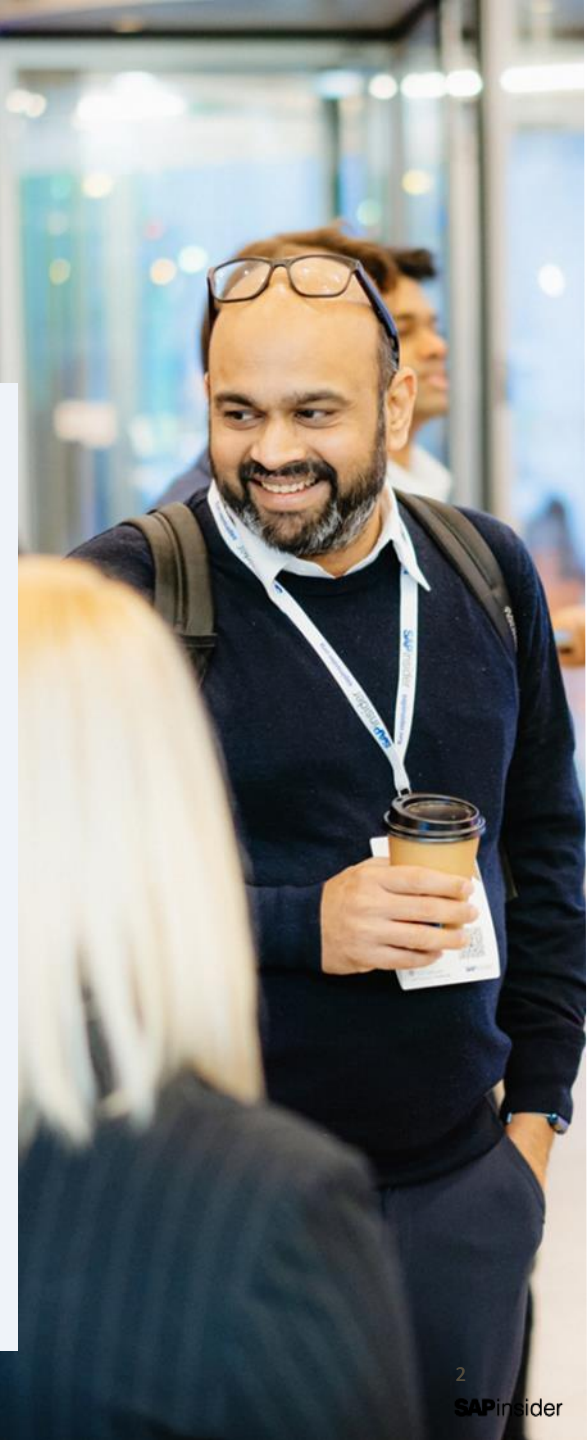
SAP S/4HANA Cloud, public edition

Ready-to-run cloud ERP that delivers the latest industry best practices and continuous innovation

Run on the industry standard

- **Deliver results right away** with ready-to-work processes built on proven industry best practices

- **Quickly tackle your top business priority** and expand as your needs change

Keep innovation moving

- **Stay ahead** by always getting the latest process and technology innovations

- **Build your own breakthroughs** with a fully extensible platform

SAP S/4HANA Cloud, private edition

Tailored-to-fit cloud ERP that adapts to your organization's unique transformation

Run on your own standard

- **Maximize your differentiation** by tailoring business processes to your unique requirements

- **Protect your investment** and move to the cloud at your speed
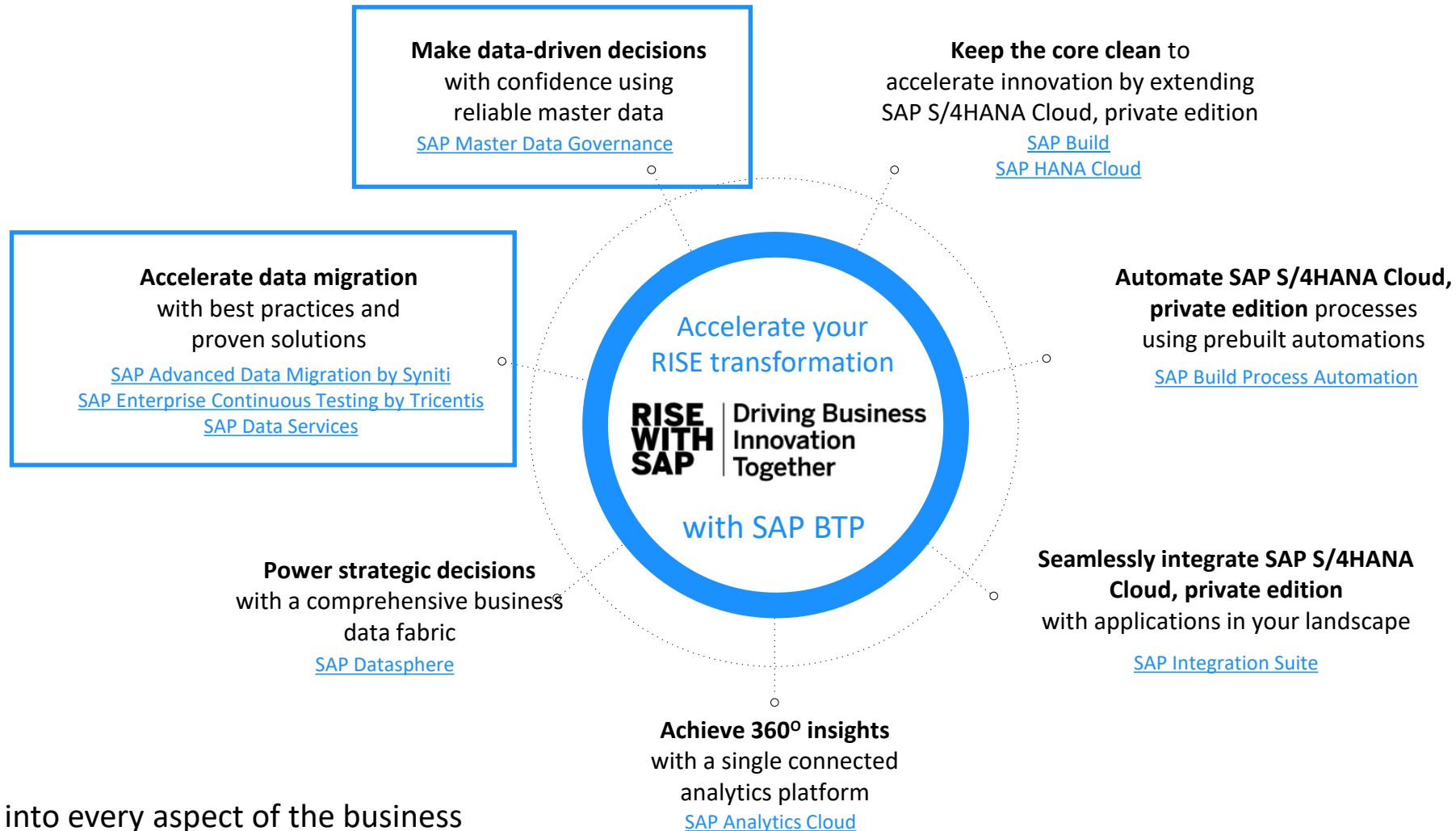
Keep the control

- **Manage the pace of change** by rolling out innovations on your timeline

- **Choose the cloud infrastructure** based on your landscape and preferences

SAP BTP cloud capabilities

Secure and compliant
Open and flexible
Unified and simple

Broad ecosystem
Enterprise grade and scalable
Business centric

Business Technology Platform

App Dev	Automation	Integration	Data and Analytics	AI
➔ Visual low-code/ no-code experience	➔ Workflow management	➔ Process integration	➔ Analytics and planning	➔ Pretrained AI models
➔ Pro-code tooling	➔ Robotic process automation	➔ API-led integration	➔ Data management	➔ Generative AI and AI workload management
➔ Digital experience	➔ Process monitoring and analytics	➔ Event-driven integration	➔ Operational database	➔ Business data and context
➔ DevOps	➔ Automated document processing	➔ Hybrid integration	➔ Data warehouse and data lake	➔ Responsible AI
		➔ B2B integration		
		➔ Data integration		

Top 7 ways SAP BTP can simplify your SAP S/4HANA Cloud journey

Make data-driven decisions
with confidence using
reliable master data
SAP Master Data Governance

Keep the core clean to
accelerate innovation by extending
SAP S/4HANA Cloud, private edition
SAP Build
SAP HANA Cloud

Accelerate data migration
with best practices and
proven solutions
SAP Advanced Data Migration by Syniti
SAP Enterprise Continuous Testing by Tricentis
SAP Data Services

Accelerate your
RISE transformation

RISE WITH SAP | Driving Business Innovation Together

with SAP BTP

**Automate SAP S/4HANA Cloud,
private edition** processes
using prebuilt automations
SAP Build Process Automation

Power strategic decisions
with a comprehensive business
data fabric
SAP Datasphere

**Seamlessly integrate SAP S/4HANA
Cloud, private edition**
with applications in your landscape
SAP Integration Suite

Achieve 360° insights
with a single connected
analytics platform
SAP Analytics Cloud

Infuse AI into every aspect of the business

SAP Master Data Governance

Prepare and govern your data for a successful migration to SAP S/4HANA

Leverage data profiling and assessment to understand current makeup and quality to provide **proactive assurance of high-quality data assets** to drive business transformation.
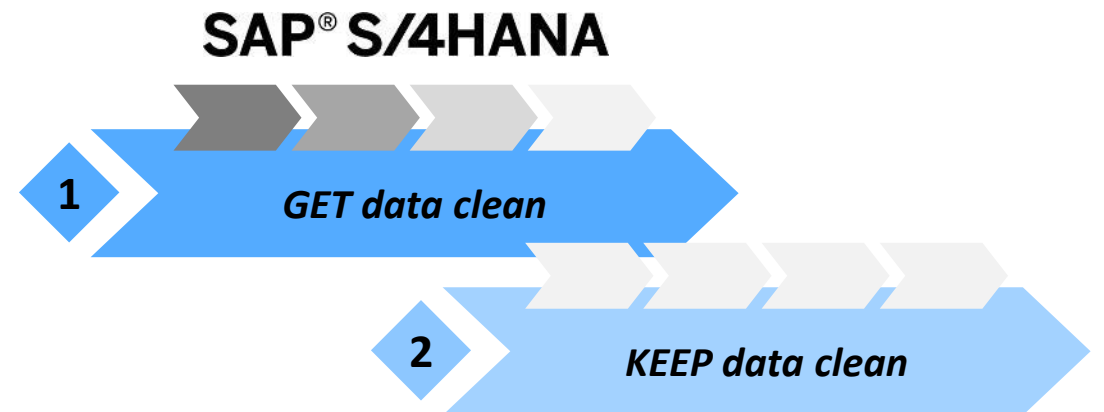
Gain valuable experience in your new SAP S/4HANA environment with **master data consolidation** across sources and domains.

Centrally govern master data creation, maintenance and distribution to help ensure quality and reduce effort.

SAP Master Data Governance helps getting and keeping master data clean

SAP® S/4HANA

1 *GET data clean*

2 *KEEP data clean*

SAP Advanced Data Migration Management for SAP S/4HANA Cloud

Sample Scenarios

New Systems

Mergers & Acquisitions

Move to Cloud

SAP & Non-SAP

SAP Advanced Data Migration Management by Syniti

- Design, orchestrate, and track all project activities from a single location

- Gain complete visibility into all data movements and transformations

- Use AI to mine and preserve the knowledge

- Attain value long after the migration Go-live with preserved data knowledge

- Leverage auto-generation of source and target code for lowest cost

- Increase efficiency through concurrent cleansing, development and testing

Benefits

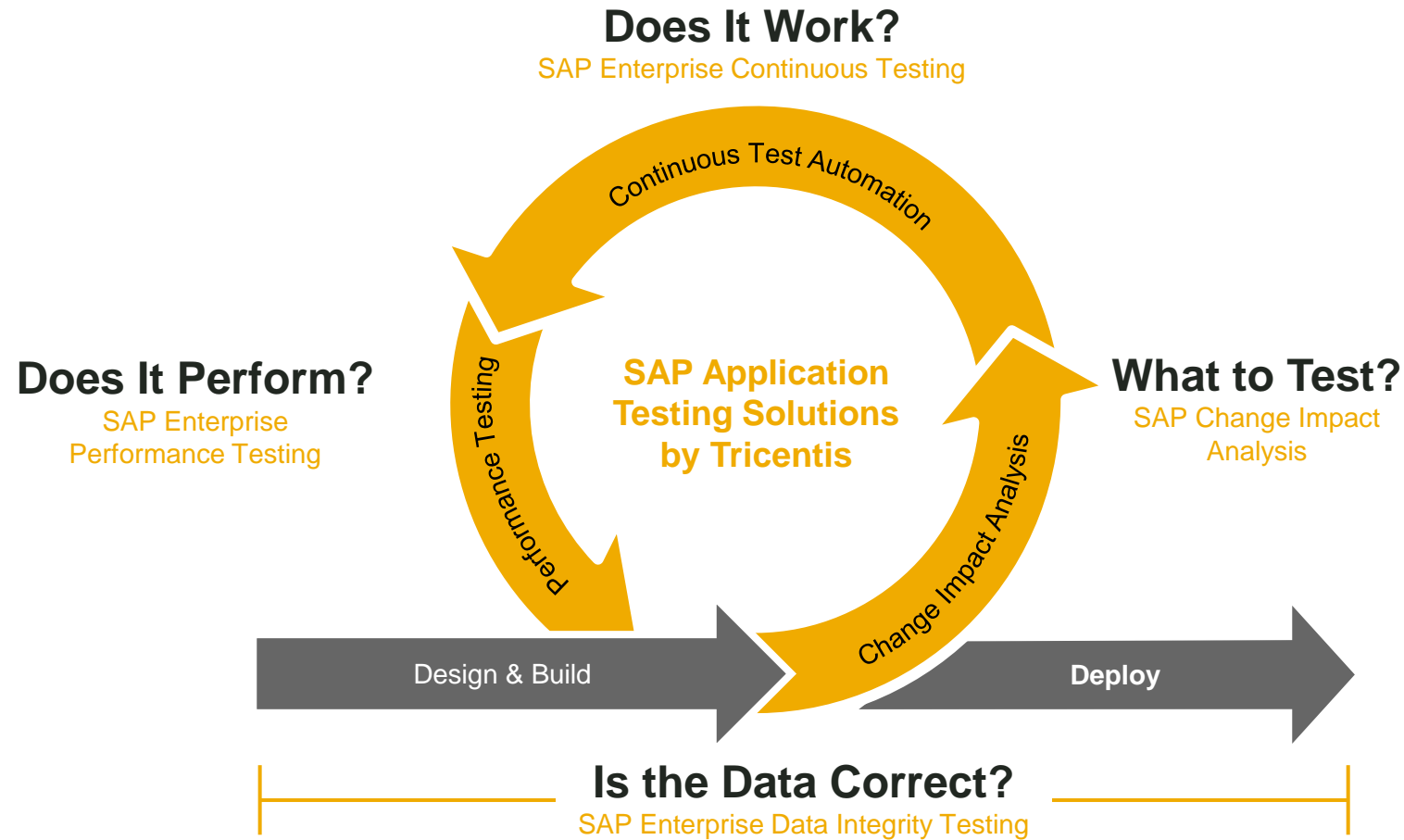Increased Visibility

On-time, On-budget Go-Lives

Trusted Data

Reduce cost and risk

SAP Application Testing Solutions by Tricentis

Does It Work?
SAP Enterprise Continuous Testing

Continuous Test Automation

Does It Perform?
SAP Enterprise Performance Testing

Performance Testing

SAP Application Testing Solutions by Tricentis

What to Test?
SAP Change Impact Analysis

Change Impact Analysis

Design & Build

Deploy

Is the Data Correct?
SAP Enterprise Data Integrity Testing

Key Benefits

Application release rates up by **300%**

Production errors reduced by **78%**

Testing scope reduced by **84%**

Easier transition to SAP S/4HANA

Payback period **<6 months**

Forrester: The Total Economic Impact™ of SAP Application Testing Solutions By Tricentis

Accelerate your move to the cloud
Customer Stories – Solex and SAP private edition solutions

- One application for managing master data

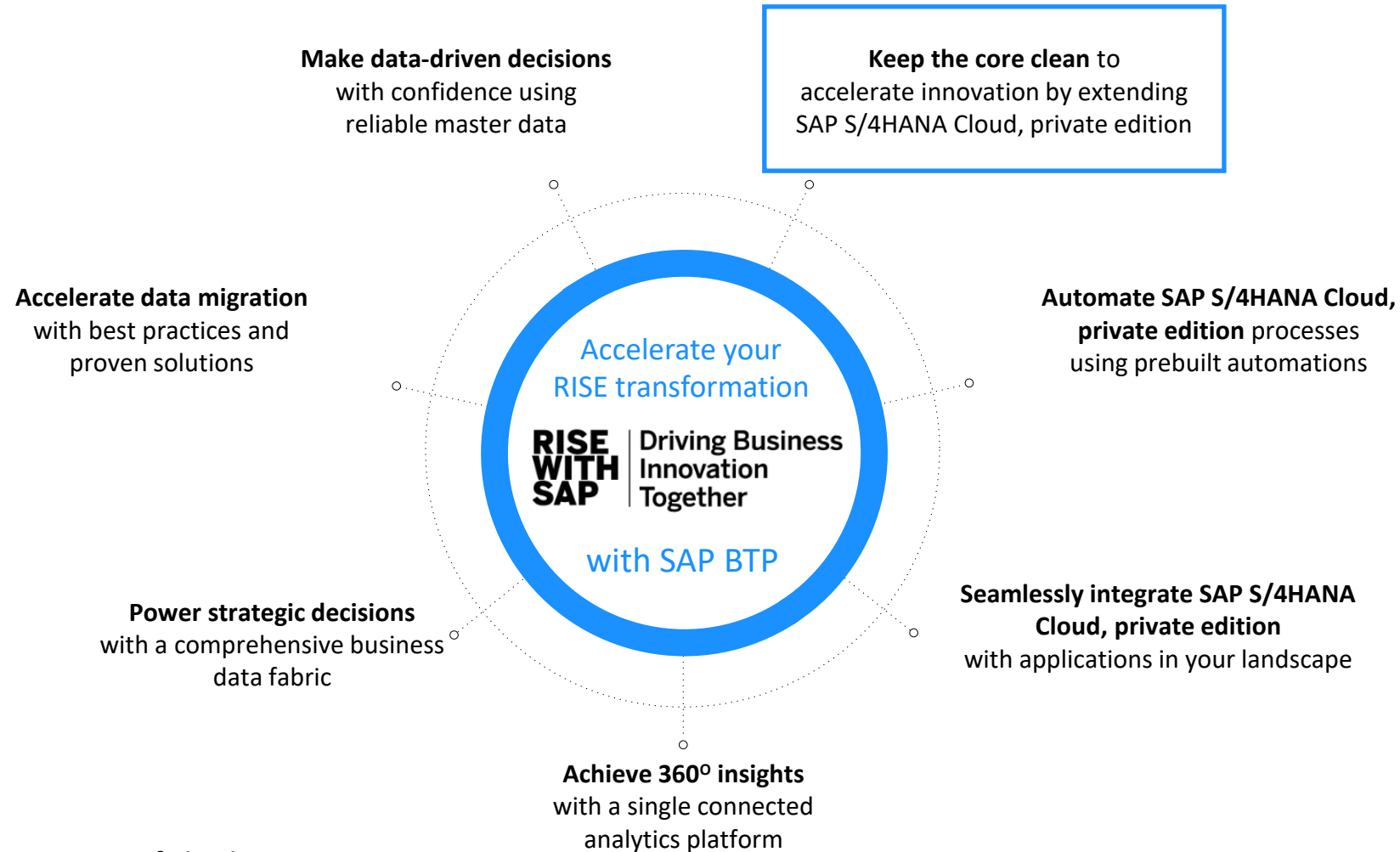- 100% visibility across the data lifecycle

- One foundation for core business processes in the cloud
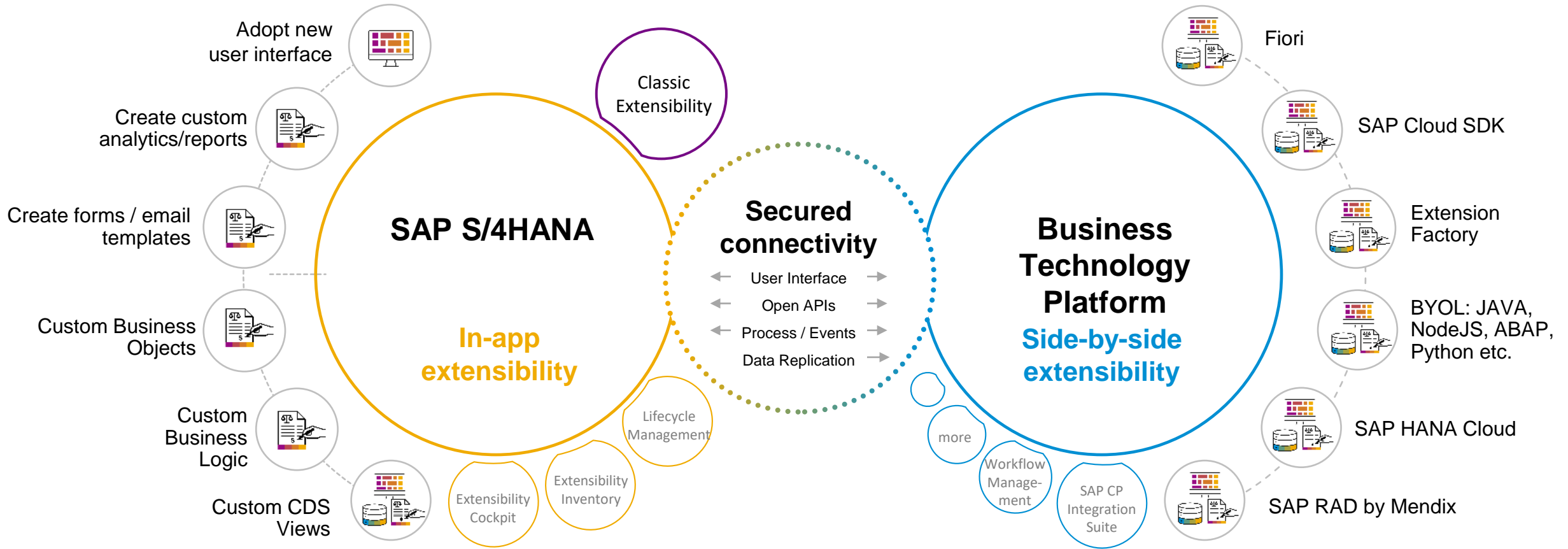
- Streamlined workflows for processes

- One source of truth for making decisions

- >95% use of standard processes with zero core code modifications

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using prebuilt automations

Power strategic decisions
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**Seamlessly integrate SAP S/4HANA
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with applications in your landscape

Achieve 360° insights
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Infuse AI into every aspect of the business

SAP S/4HANA extensibility

Adopt new user interface

Create custom analytics/reports

Create forms / email templates

Custom Business Objects

Custom Business Logic

Custom CDS Views

Classic Extensibility

SAP S/4HANA

In-app extensibility

Extensibility Cockpit

Extensibility Inventory

Lifecycle Management

Secured connectivity

← User Interface →
← Open APIs →
← Process / Events →
Data Replication →

Business Technology Platform

Side-by-side extensibility

more

Workflow Management

SAP CP Integration Suite

Fiori

SAP Cloud SDK

Extension Factory

BYOL: JAVA, NodeJS, ABAP, Python etc.

SAP HANA Cloud

SAP RAD by Mendix

E2E Security / E2E Lifecycle Management

SAP Build

Create apps — **Automate processes** — **Design business sites**
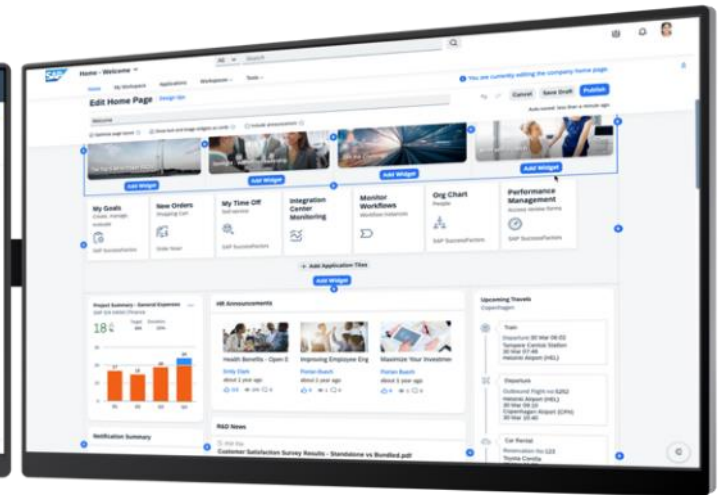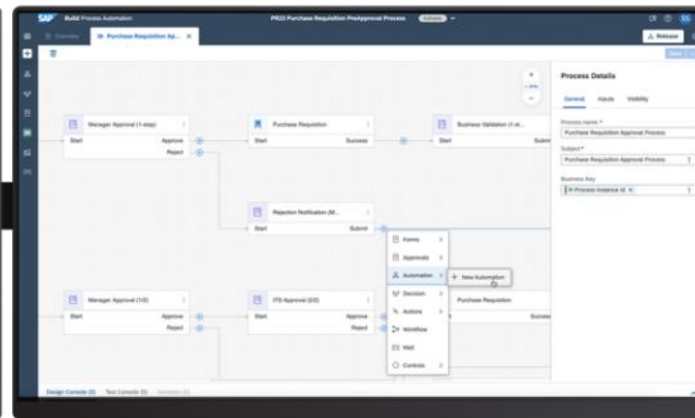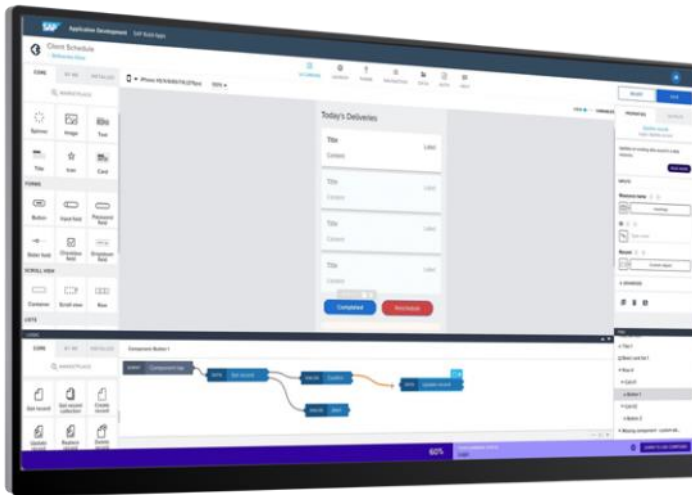
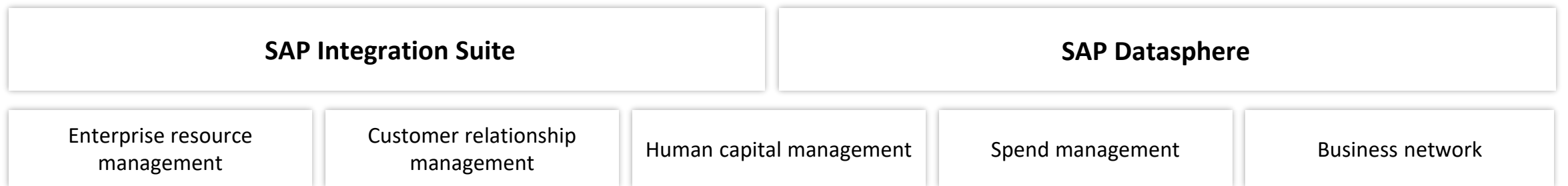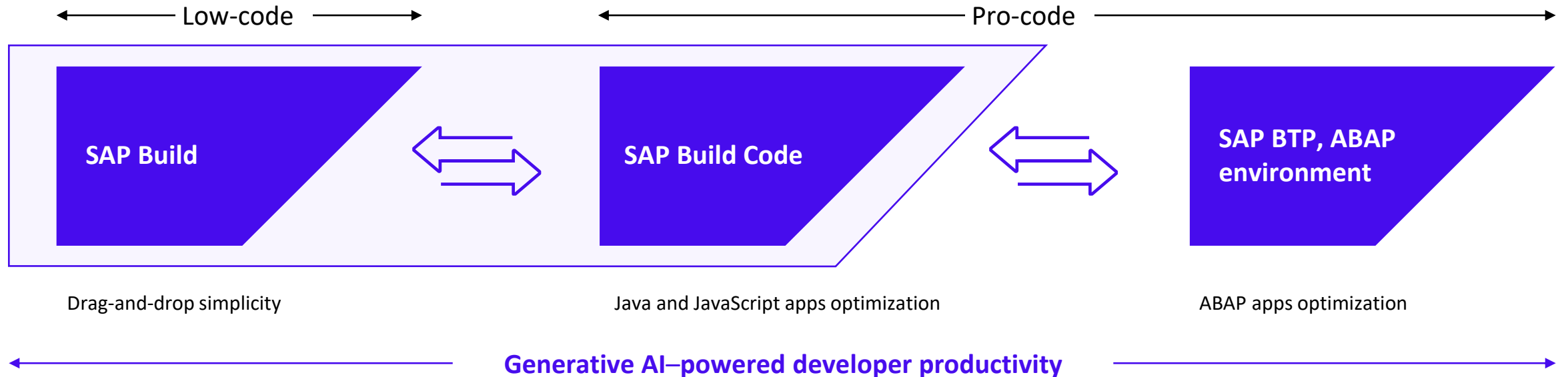**SAP Build Apps** — **SAP Build Process Automation** — **SAP Build Work Zone**

Build Visually — Integrate Seamlessly — Collaborate Securely
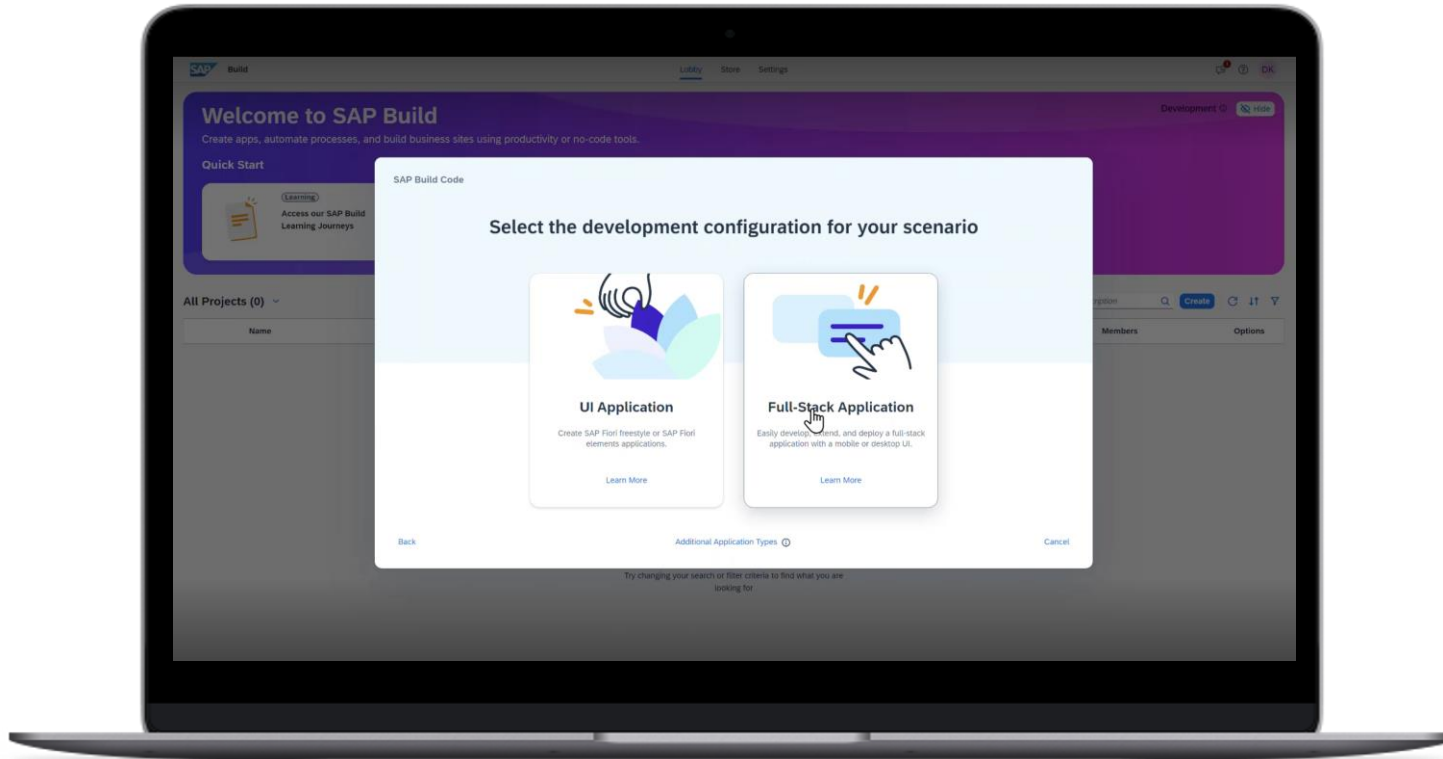
SAP Business Technology Platform

Application development and automation on SAP BTP

Integrated solutions enabled by generative AI

Low-code ←→   Pro-code ←→

SAP Build ⇄ **SAP Build Code** ⇄ **SAP BTP, ABAP environment**

Drag-and-drop simplicity   Java and JavaScript apps optimization   ABAP apps optimization

Generative AI–powered developer productivity

SAP Integration Suite	**SAP Datasphere**

Enterprise resource management	Customer relationship management	Human capital management	Spend management	Business network

SAP Build Code

Solution overview

Turn-key development environment that combines runtime and design time capabilities with built-in solutions for DevOps and Application Lifecycle Management

Benefit

- Achieve a clean core by developing side-by-side extensions with SAP Build Code on SAP BTP
- Optimize developer efficiency with generative AI, productivity tools, and application lifecycle management
- Enables developers to build and extend powerful end-to-end business applications with programming language of choice
- Leverage interoperability between classic development and low-code development tools

Key capabilities

- Differentiate cloud solution with stable foundation, solution becomes future proof and works with different editions of S/4HANA, and quality assurance options included
- Enable developers to code faster and smarter; code generation based on generative AI, ease of Application Lifecycle Management
- Application and extension development; integrate with SAP and non-SAP systems
- Easy access for all types of developers with centralized Lobby; enable Fusion Development

Extend and automate
Customer Stories – SAP Build

- 160% reduction in data compression costs
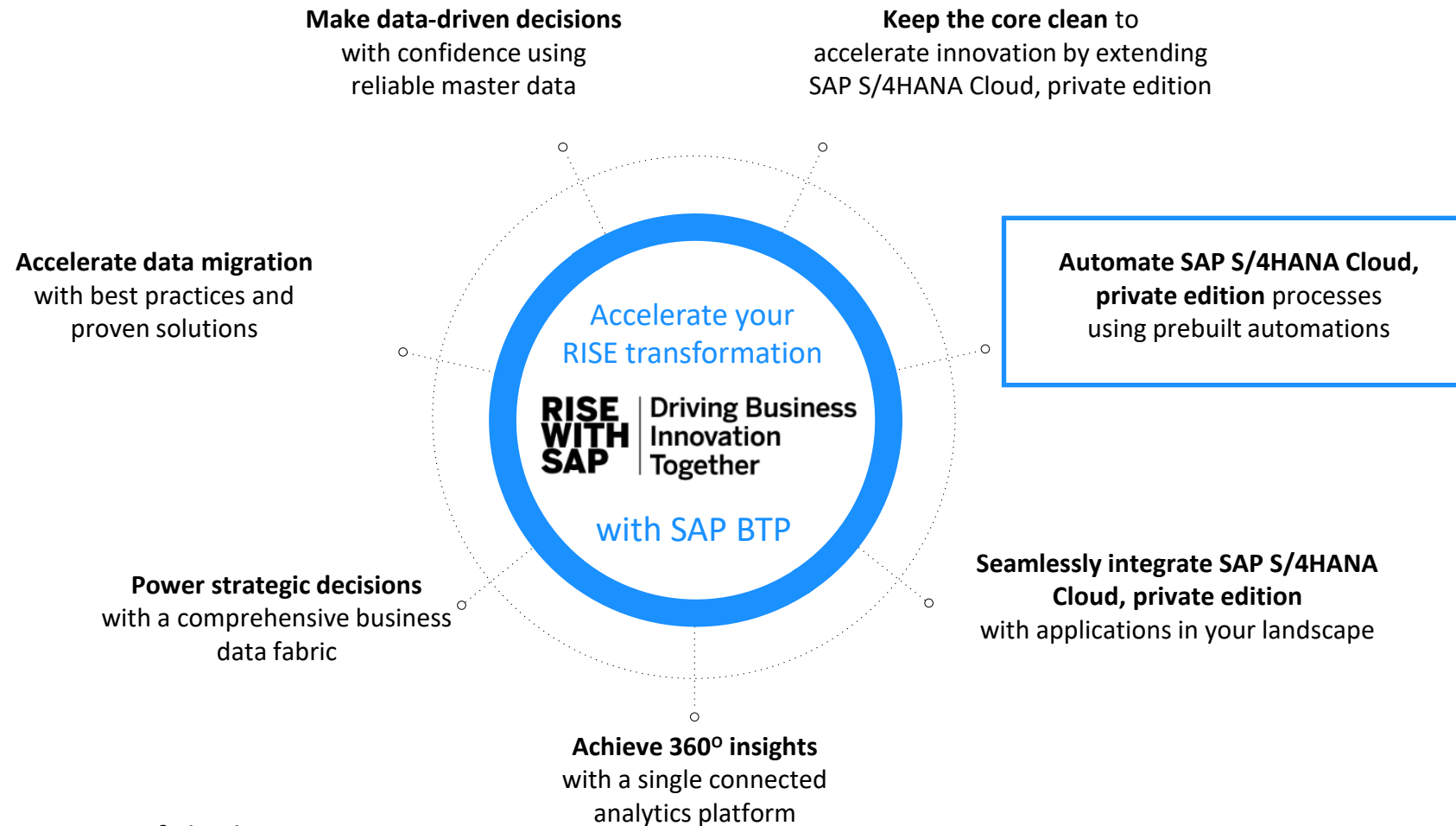- ~180% increase in data load speed

- 94% reduction in customization footprint
- 18x faster handling of solution updates

- ~40% reduction in time to manage purchase requisition notifications and orders
- 90% reduction in time to create maintenance orders

Top 7 ways SAP BTP can simplify your SAP S/4HANA Cloud journey

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Accelerate data migration
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RISE WITH SAP | Driving Business Innovation Together

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Power strategic decisions
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Infuse AI into every aspect of the business

SAP Signavio | Process insights

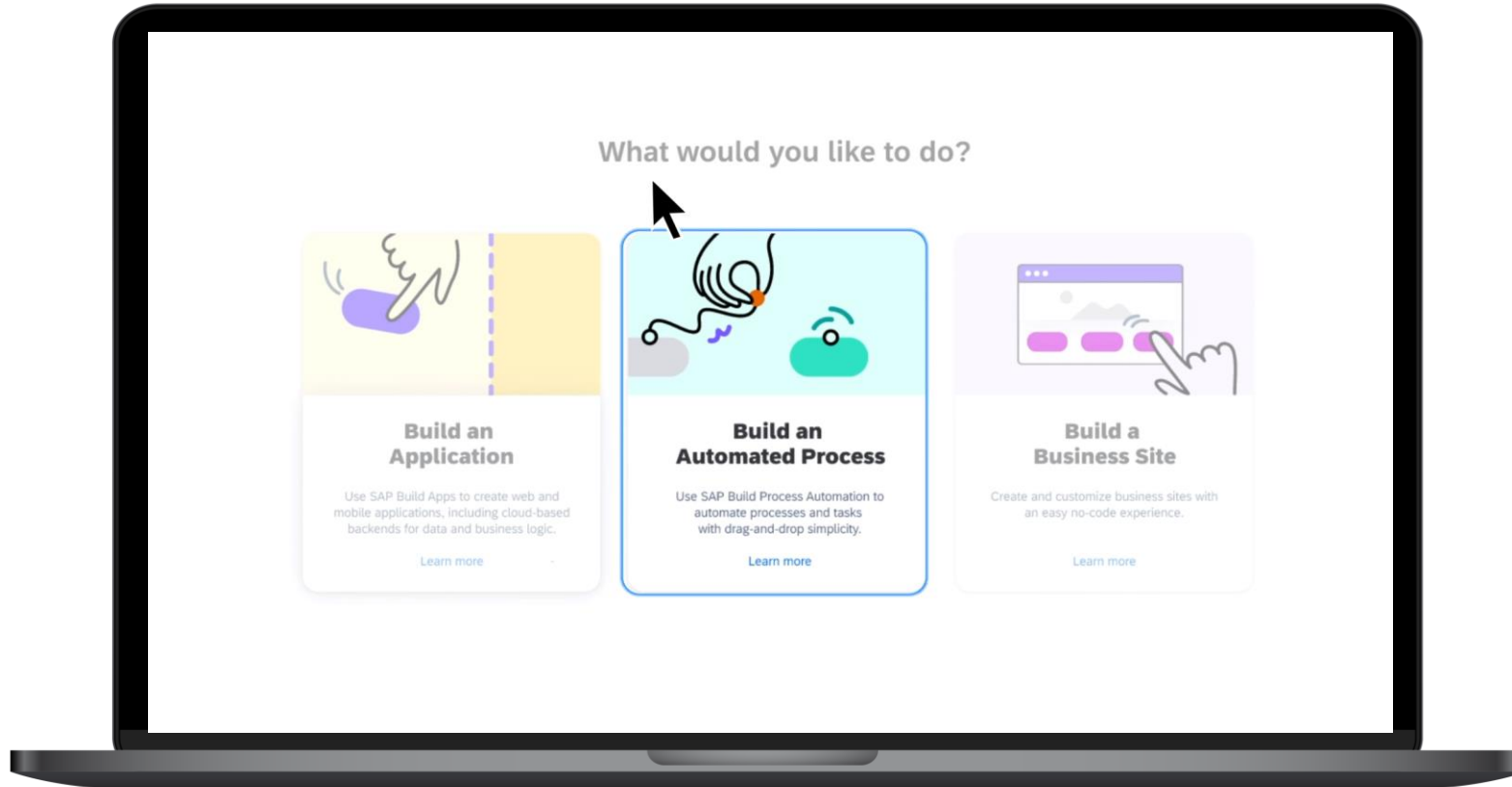Innovation recommendations: Innovate your processes with new technologies
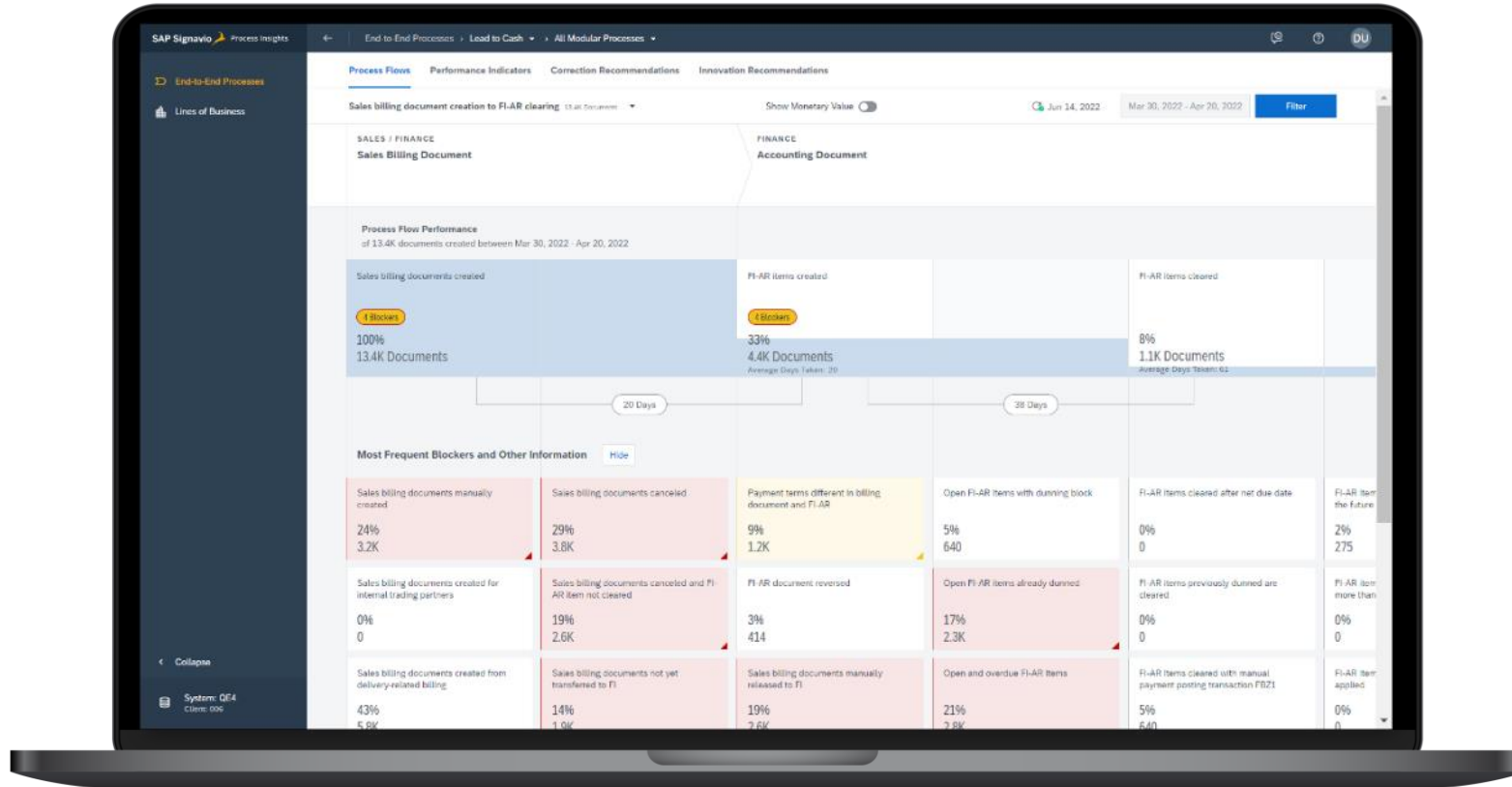
650+ Innovation recommendations available

300+ recommendations for automations

Choose the **improvement path** that is right for your organization

SAP Build Process Automation | Easily extend S/4HANA processes with workflows and automations

Save time and reduce effort by automating

- High frequency & high volume manual tasks
- Data aggregation from multiple systems
- Business document and data extraction from emails (together with AI capabilities)

**Keep the core clean with review and approval workflows prior to transaction postings**

- Adapt and extend standard workflows
- Automate end-to-end cross-application workflows

Make decisions with speed and accuracy

- Real time insights provided by building process visibility dashboards inform the intelligent enterprise

Integrate seamlessly with Build Process Automation
Develop faster using pre-built workflows, bots and connectors for SAP and non-SAP systems
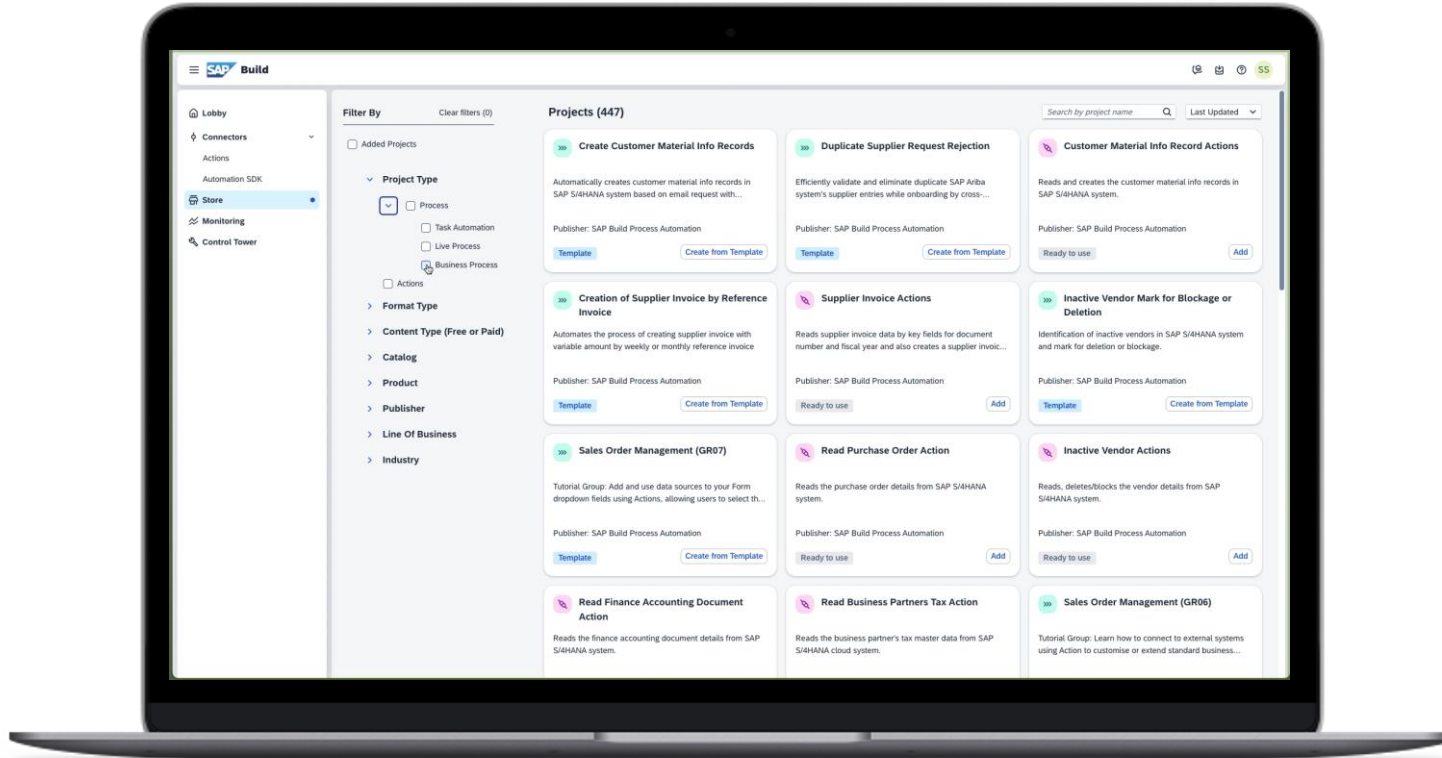
Content store

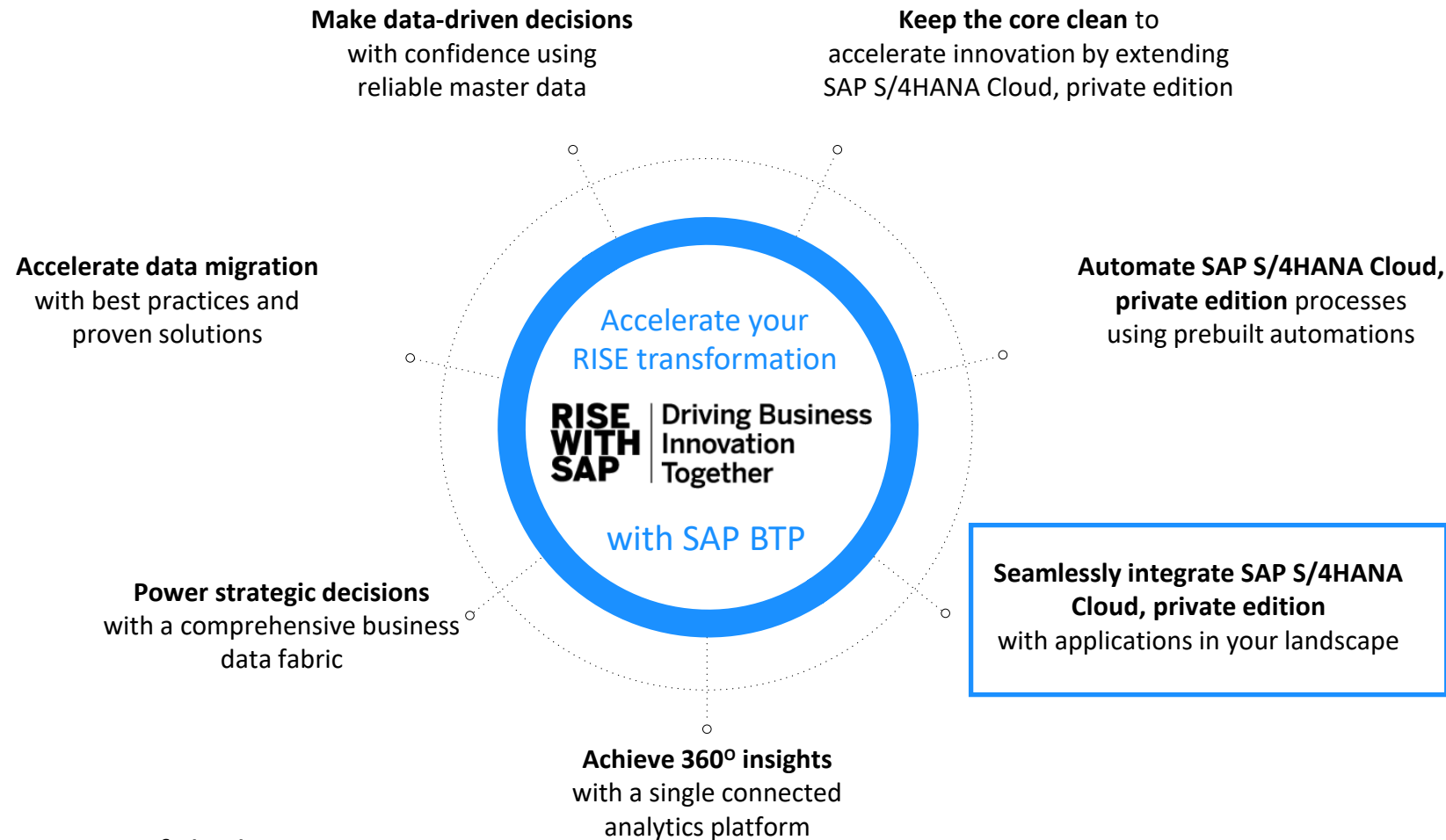430+ of process content packages, RPA bots and connectors

Connect with applications, processes and data across SAP and non-SAP systems

Use business data without loosing context and meaning
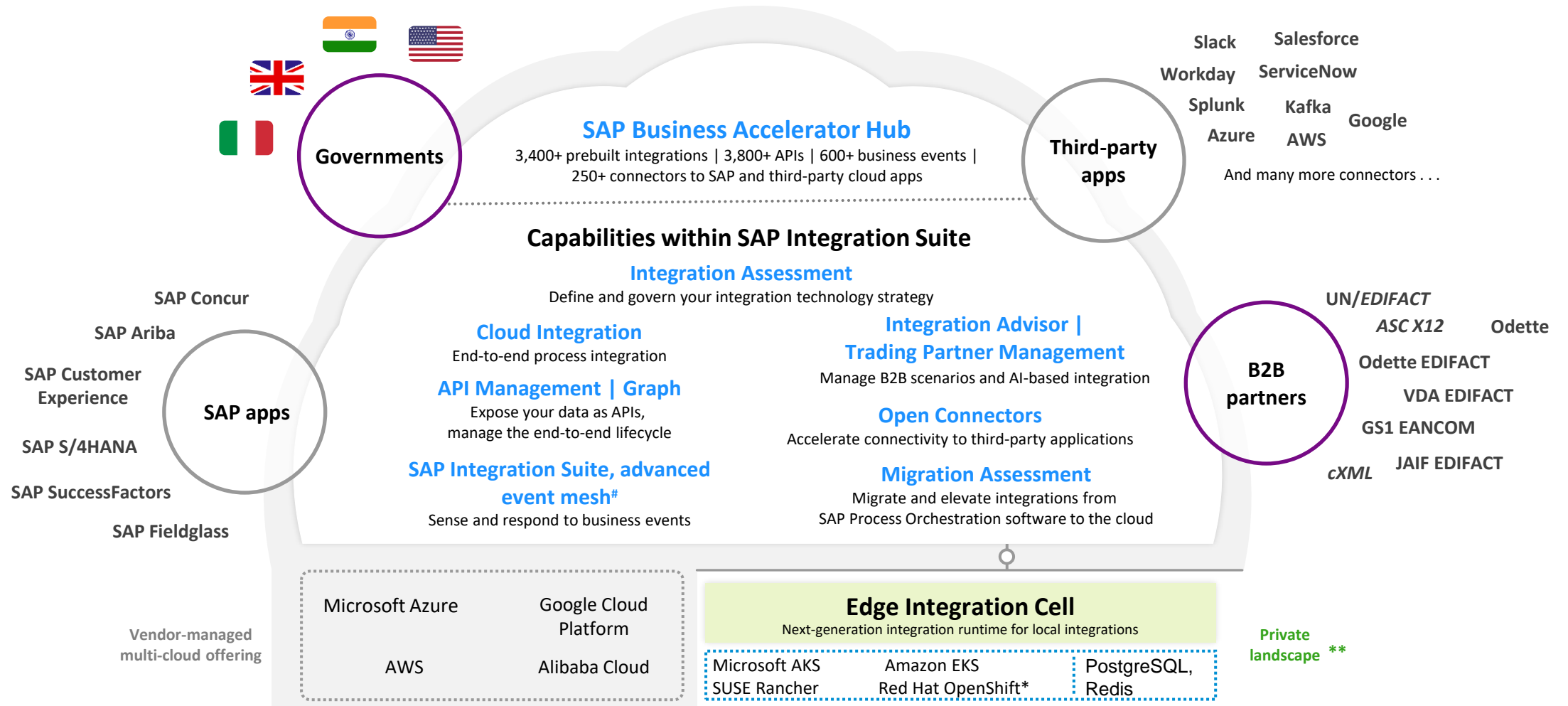
Visit the SAP Business Accelerator Hub

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SAP Integration Suite
SAP's hybrid integration platform for the Intelligent Enterprise

Governments

Third-party apps

Slack   Salesforce

Workday   ServiceNow

Splunk   Kafka   Google

Azure   AWS

And many more connectors . . .

SAP Business Accelerator Hub

3,400+ prebuilt integrations | 3,800+ APIs | 600+ business events | 250+ connectors to SAP and third-party cloud apps

Capabilities within SAP Integration Suite

Integration Assessment
Define and govern your integration technology strategy

Cloud Integration
End-to-end process integration

**Integration Advisor |
Trading Partner Management**
Manage B2B scenarios and AI-based integration

API Management | Graph
Expose your data as APIs, manage the end-to-end lifecycle

Open Connectors
Accelerate connectivity to third-party applications

**SAP Integration Suite, advanced
event mesh#**
Sense and respond to business events

Migration Assessment
Migrate and elevate integrations from
SAP Process Orchestration software to the cloud

SAP Concur

SAP Ariba

SAP Customer
Experience

SAP apps

SAP S/4HANA

SAP SuccessFactors

SAP Fieldglass

**B2B
partners**

UN/*EDIFACT*

ASC X12   Odette

Odette EDIFACT

VDA EDIFACT

GS1 EANCOM

cXML   JAIF EDIFACT

**Vendor-managed
multi-cloud offering**

Microsoft Azure   Google Cloud
Platform

AWS   Alibaba Cloud

Edge Integration Cell
Next-generation integration runtime for local integrations

Microsoft AKS   Amazon EKS   PostgreSQL,
SUSE Rancher   Red Hat OpenShift*   Redis

**Private
landscape** **

#Optional separate license

*Part of the road map, beyond general availability, subject to change
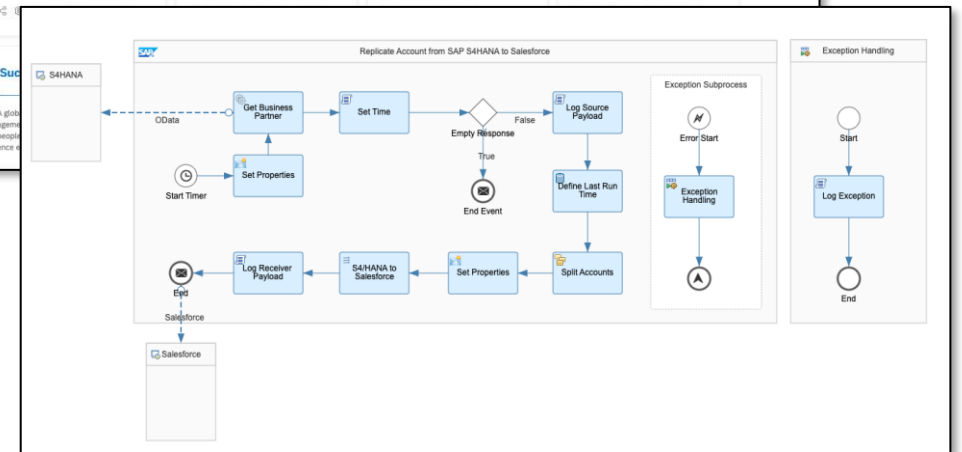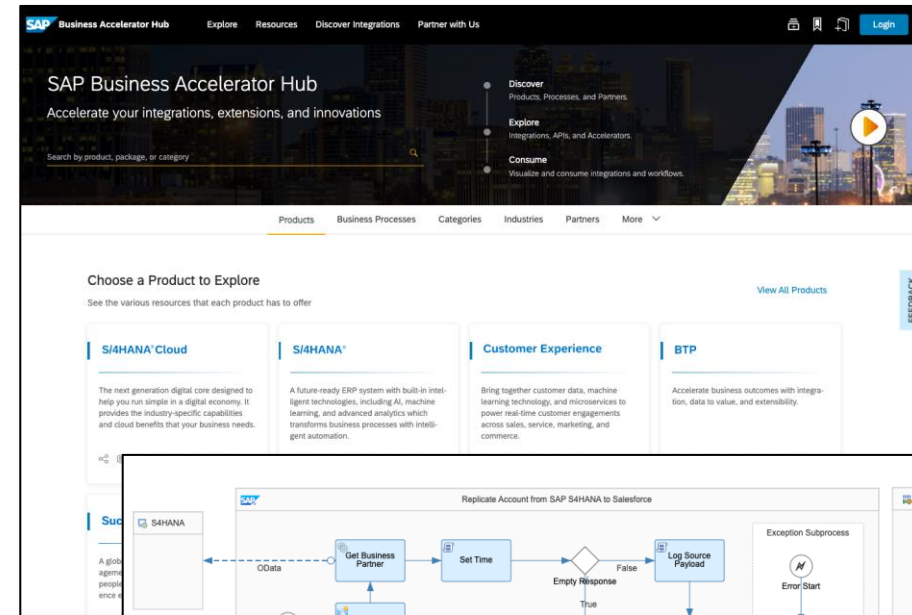**Private landscape corresponds to on premise or private cloud

21

Fast time-to-value through prebuilt integrations
Central public catalog: SAP Business Accelerator Hub @ https://hub.sap.com/

https://hub.sap.com/

5x Acceleration

10x Savings

3,400+ Pre-packaged integrations **3,800+** APIs (OData, SOAP, REST) **600+** Business events **380+** SAP Build artifacts (actions, live processes, task automations, etc.)
250+ Adapters to SAP & non-SAP **200+** Integration artifacts from partners **100+** Integrations from "community"

Connect end-to-end processes
Customer Stories – SAP Integration Suite

- 150+ integration flows

- ~500k messages per day via cloud Integration

- Connected 100 carriers and partners in 12 business units

- 100% achievement of overall volume coverage target

- 8 million transactions per month

- 40% reduction in TCO across its integration landscape

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SAP Analytics Cloud for SAP S/4HANA Cloud

One single analytics platform, connected to SAP and non-SAP applications, for 360° analytics across your entire enterprise

SAP S/4HANA Cloud embedded analytics enables real-time operational reporting on a single source of truth for instant insight to action and consistent UX and KPIs.

SAP Analytics Cloud provides:

- **Live integration with SAP S/4HANA Cloud with real-time, live access to transactional data** with no data replication

- **Full visibility** across multiple data sources

- **All analytics:** BI, planning, predictive, and augmented analytics

- **Embedded where you work:** Financial planning and analysis, supply chain management

- **Prebuilt content optimized for SAP S/4HANA Cloud**

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SAP Datasphere: Connect all your business data to unleash the power of your ERP
Enable a business data fabric and radically simplify your data landscape

SAP Datasphere is a comprehensive data service that enables enterprises to deliver seamless and scalable access to mission-critical business data beyond ERP.

Access authoritative data

Enrich all data projects

Simplify the data landscape

SAP Datasphere

Model

Connect

Visualize

Explore

Share

Business Data

Business Data

Core ERP Data

Business Data

Business Data

IT Governance • Security • Trust

SAP data

3rd party application data
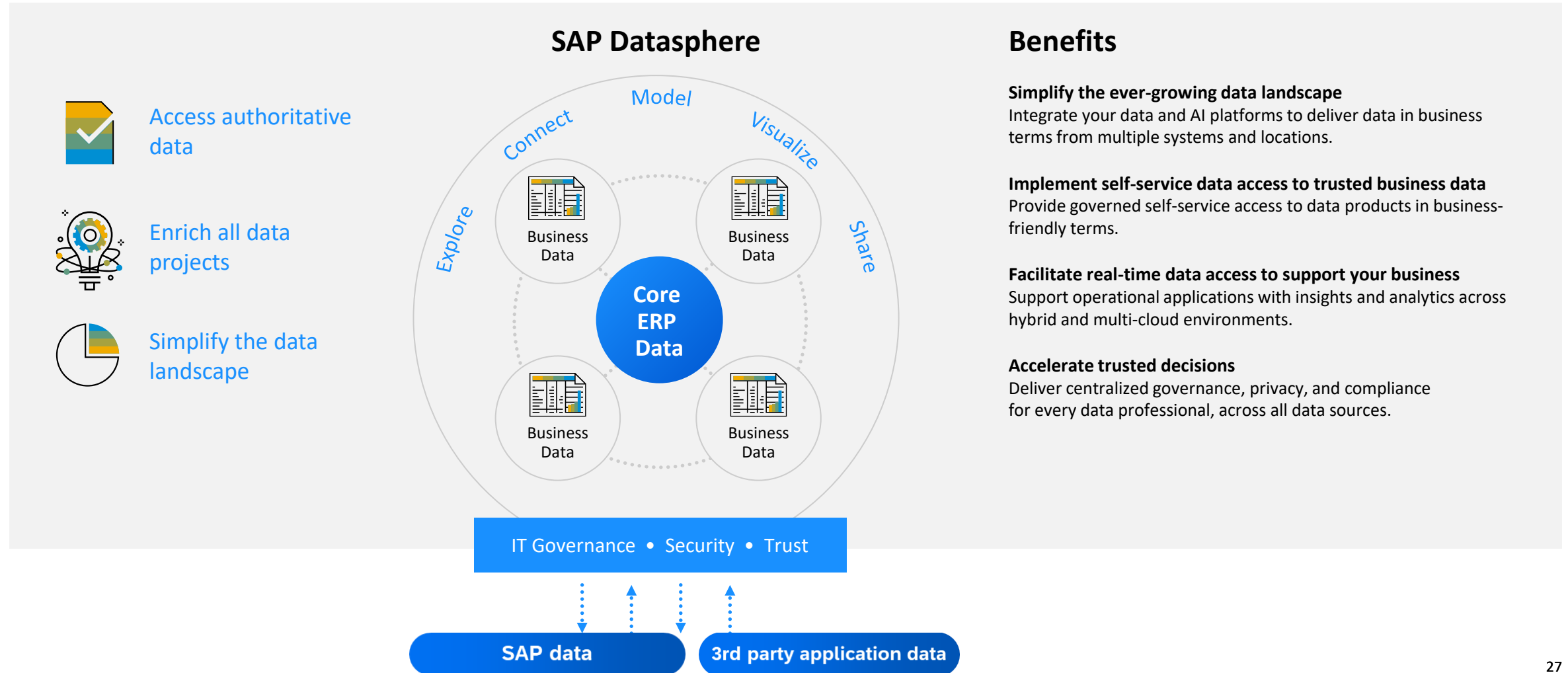
Benefits

Simplify the ever-growing data landscape
Integrate your data and AI platforms to deliver data in business terms from multiple systems and locations.

Implement self-service data access to trusted business data
Provide governed self-service access to data products in business-friendly terms.

Facilitate real-time data access to support your business
Support operational applications with insights and analytics across hybrid and multi-cloud environments.

Accelerate trusted decisions
Deliver centralized governance, privacy, and compliance for every data professional, across all data sources.

SAP Datasphere: Connect all your business data to unleash the power of your ERP

3 Key use cases to get started using prebuilt business accelerators

Working Capital Dashboard

Financial Reporting

Sales Analysis

Supply Chain Management

Accelerate trusted decisions

Deliver centralized governance, privacy, and compliance for every data professional

Facilitate data access to support your business

Support operational applications with insights and analytics across hybrid and multi-cloud environments.

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Access authoritative data

Enrich all data projects

Simplify the data landscape

Plan and analyze
Customer Stories – SAP Analytics Cloud, SAP Datasphere, SAP HANA Cloud

- Consolidated 12 data sources into one single solution and data foundation

- 100% of data modelling tasks are achievable using self-service tools

- 10% IT operational cost savings in three years with 35% additional savings on IT services

- Transition to the new cloud-based environment with no impact on the day-to-day business

- >95% improvement of metrics delivery to teams, from three days to on demand

- 1 source of truth across 200 profit centers

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Read the brochure

Clean core | Move to the cloud with RISE with SAP example

RISE with SAP

Lay foundation for clean core with S/4HANA Cloud

NOW

ECC or S/4HANA

Customers building and planning their S/4 journey

Conduct custom code analysis and clean data

De-risk migration: keep core master data clean. Run Custom Code Analyzer to optimize migration and application deployments.
Speed up cloud migration with automated bots provided in Build Process Automation

Analyze process insights (Signavio)

Analyze processes to find bottlenecks and get tangible improvement recommendations with the Process Insights tool

Simplify operations

Easily extend S/4HANA with applications (Build Apps)

Build new applications to support migration and improve operations; Benefit from native integrations with S/4HANA

Continuously automate common processes (Build Process Automation)

Automate workflow, processes and tasks with drag-and-drop simplicity

Transform processes

202X

Create custom business sites (Build Work Zone)

Build targeted business sites for either internal and external users. Allow easy to access to insights, interactive interfaces, portals, videos, forums and more; enhance productivity and drive better decisions

Run as intelligent enterprise (BTP)

Leverage complete power of S/4H and Build, BTP services and Signavio. Gain significantly improved return on assets, extending on customer use-cases with CPEA credits

The value of SAP BTP for SAP S/4HANA customers

514%
three-year ROI

8 months
to payback

87%
higher productivity to development teams

Learn More:
IDC BTP business value

Where to find more information

1. Content, use cases and customer stories related to SAP BTP for SAP S/4HANA Cloud
   – http://sap.com/btp-for-s4hana

2. Solution brief: SAP BTP for SAP S/4HANA Cloud
   – https://www.sap.com/documents/2020/10/6015d20a-b77d-0010-87a3-c30de2ffd8ff.html

3. Brochure: Top 7 Reasons to Use SAP BTP with SAP S/4HANA Cloud
   – https://www.sap.com/documents/2021/10/deb3e7c7-fe7d-0010-bca6-c68f7e60039b.html

4. SAP BTP home page
   – http://sap.com/btp

5. SAP BTP free trial
   – https://www.sap.com/products/technology-platform/trial.html

6. RISE with SAP home page
   – https://sap.com/rise

7. SAP S/4HANA Cloud, public edition home page
   – https://www.sap.com/products/erp/s4hana.html

8. SAP S/4HANA Cloud, private edition home page
   – https://www.sap.com/products/erp/s4hana-private-edition.html

Key Points to Take Home

1. SAP BTP services are purpose-built & natively integrated with SAP solutions

2. SAP BTP services run on a choice of cloud providers

3. SAP BTP credits come with the RISE with SAP

4. Fiori apps created using SAP BTP reduce training effort

5. Prebuilt content accelerates the SAP S/4HANA Cloud journey

6. SAP delivers and maintains prebuilt content

7. Prepare for SAP S/4HANA Cloud: Use SAP BTP with SAP ERP

Thank you! Any Questions?

Ricky Cheng

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https://www.linkedin.com/in/rickychengsap/

Please remember to complete your session evaluation.

SAPinsider