



Business Technology Platform

Application Development and Integration

Yousef Ali, SAP
July 28, 2022

INTERNAL – SAP and Customers Only

ASUG

THE BEST RUN 

Digital technology platforms are a key innovation enabler

Firms that have a flexible technology foundation and a business operating model that can change quickly **grow nearly three times faster than their industry average.**

Forrester

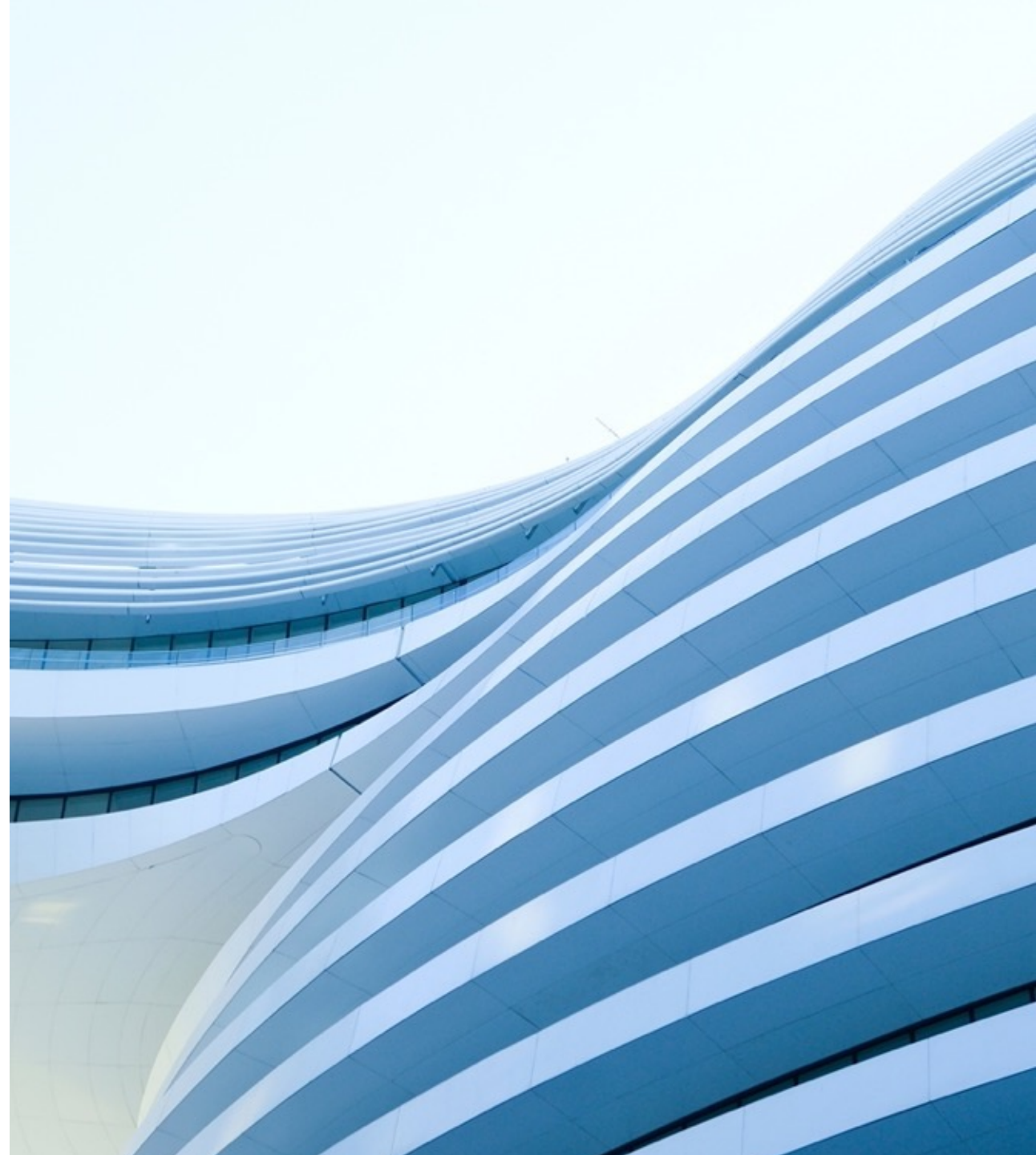
Companies that innovate faster with software also score **higher on customer satisfaction, brand perception, and talent management.**

McKinsey

Forrester: Future Fit Firms Outpace The Competition, April 2021

McKinsey: Developer Velocity: How software excellence fuels business performance, December 2020

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Application Development

Why keep the CORE clean?

Boost adoption and support by saying 'yes' more often

Manage Change



Using standard SAP software will drive business agility.

Speed



Cloud technologies boost innovation.

Innovation



Align business processes by discussing going "back to standard."

Tearing down silos



Discover new business models and realize early ideas fast.

New business models



Latest technologies provide a better and uniform user experience.

User experience



Reduce efforts for testing with clean core developments guidelines.

Minimizing upgrade efforts



Future-proof technologies will prepare your core systems for the cloud.

Cloud-ready



Develop highly robust and scalable cloud-native applications.

Focus on business logic

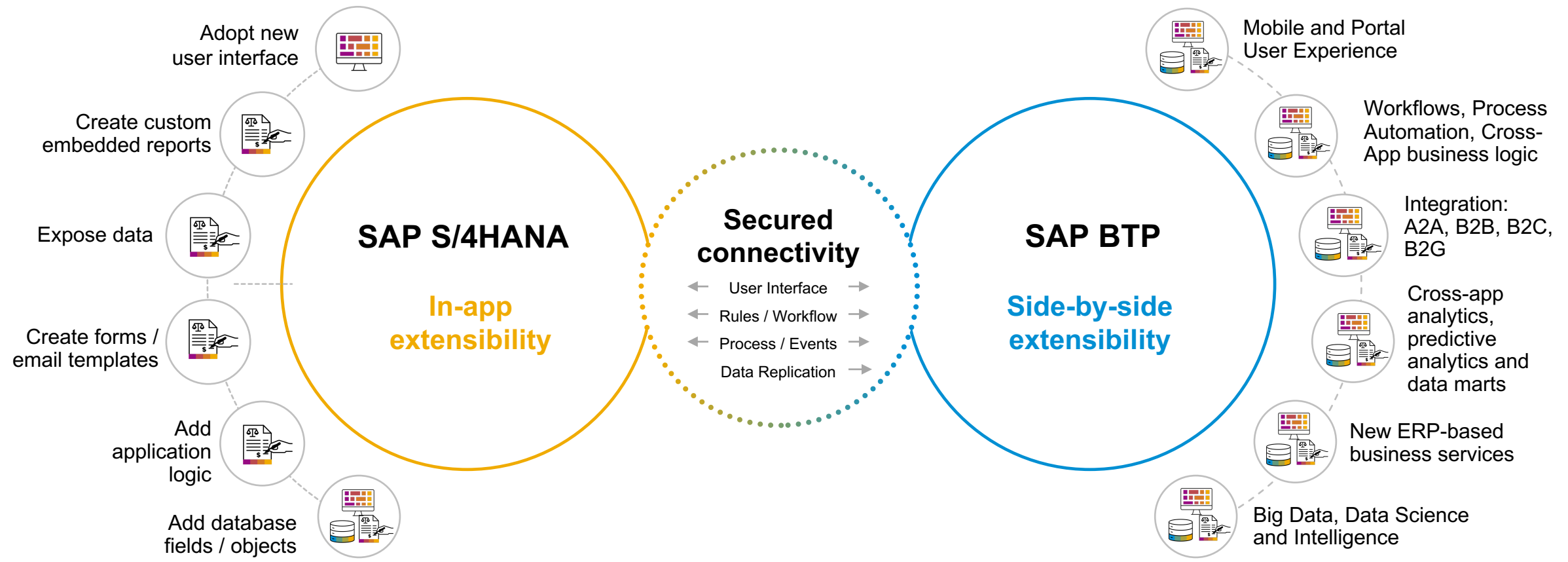


Cloud technologies are fun! Create possibilities and flexibility for your team.

Motivating employees

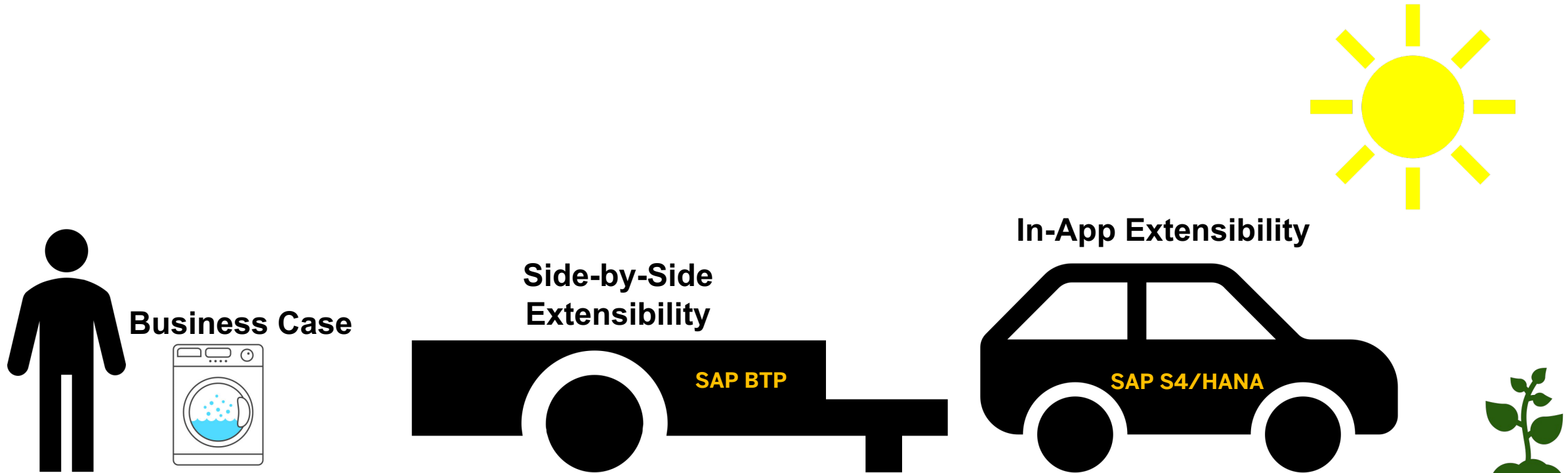


In App Extensibility vs Side By Side



E2E Security / E2E Lifecycle Management

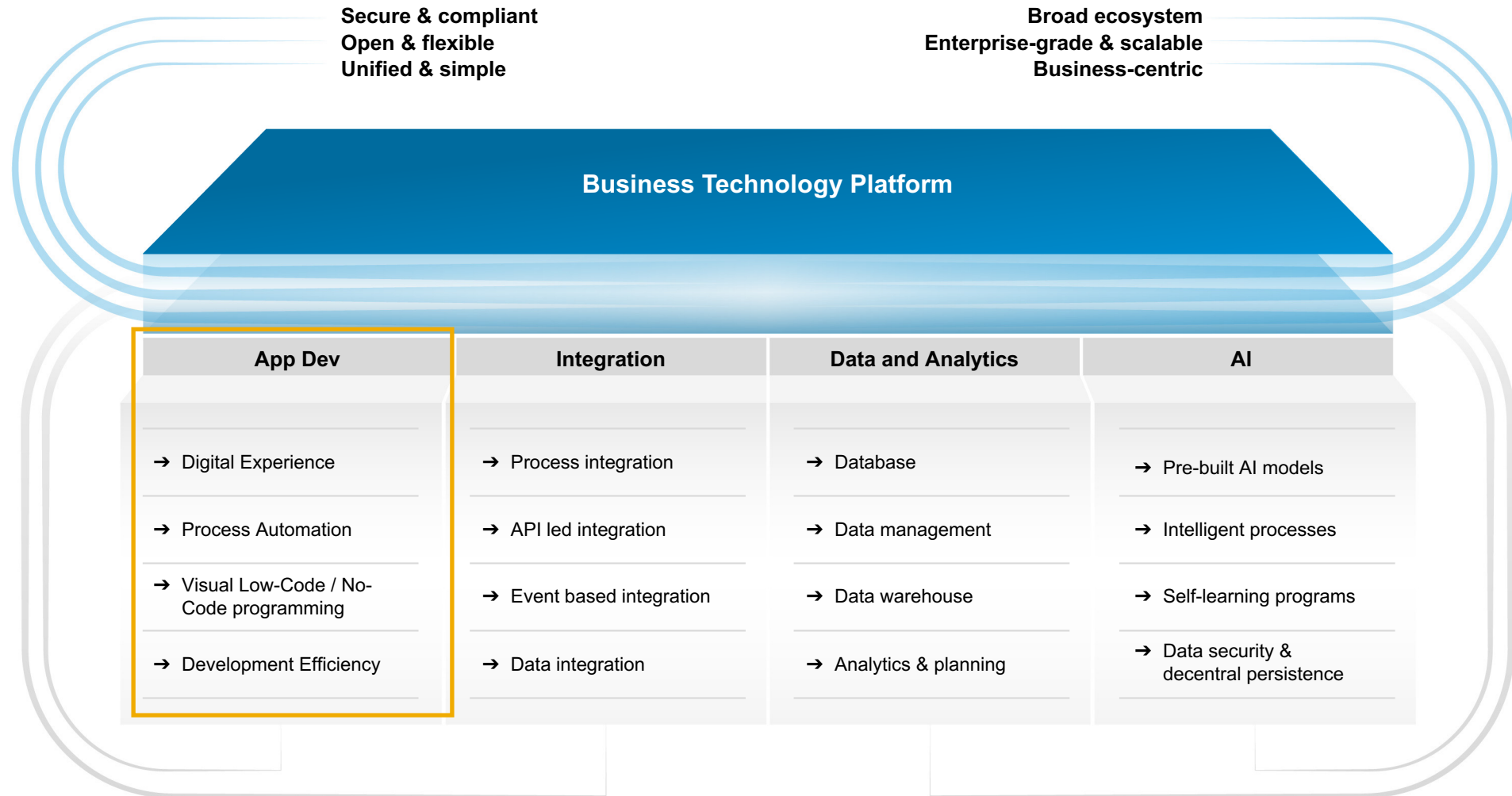
A real world use case for Extensions



What are Extensions?

- A software engineering principle
- Enhancements without impairing existing system functions
- Addition or modification of **functionality**

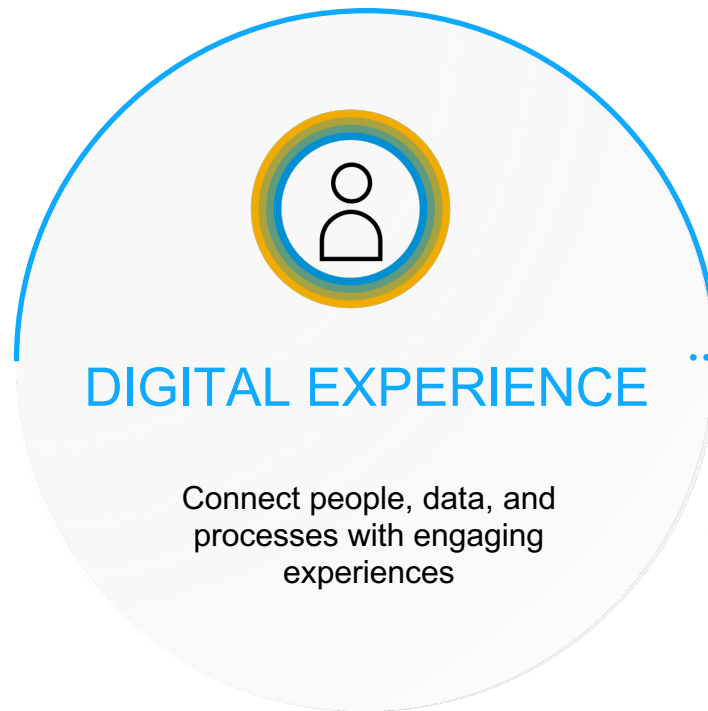
SAP Business Technology Platform



Digital Experience

Digital Experience

Connect people, data, and processes with engaging experiences

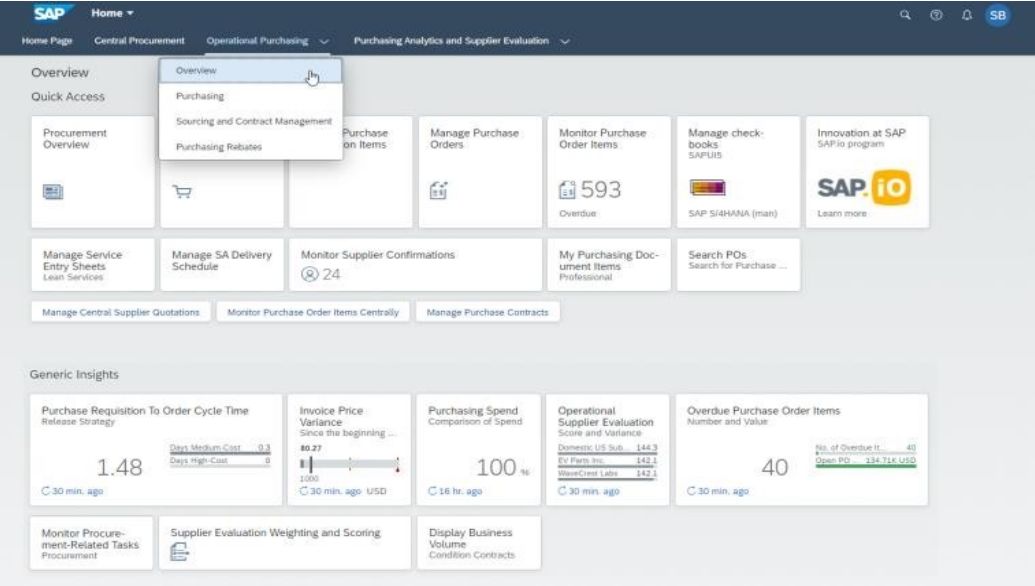


- Provide **consistent, contextual, and personalized** access to the information you need, when you need it, wherever you need it
- Empower business users with a **simplified digital workplace experience** to foster increased engagement, and a better overall experience for your people, customers and partners.
- Jumpstart experience development with **prebuilt templates, conversational bots, and connected services** for SAP solutions

Improve people *engagement*, resource *efficiency*, and employee *productivity*

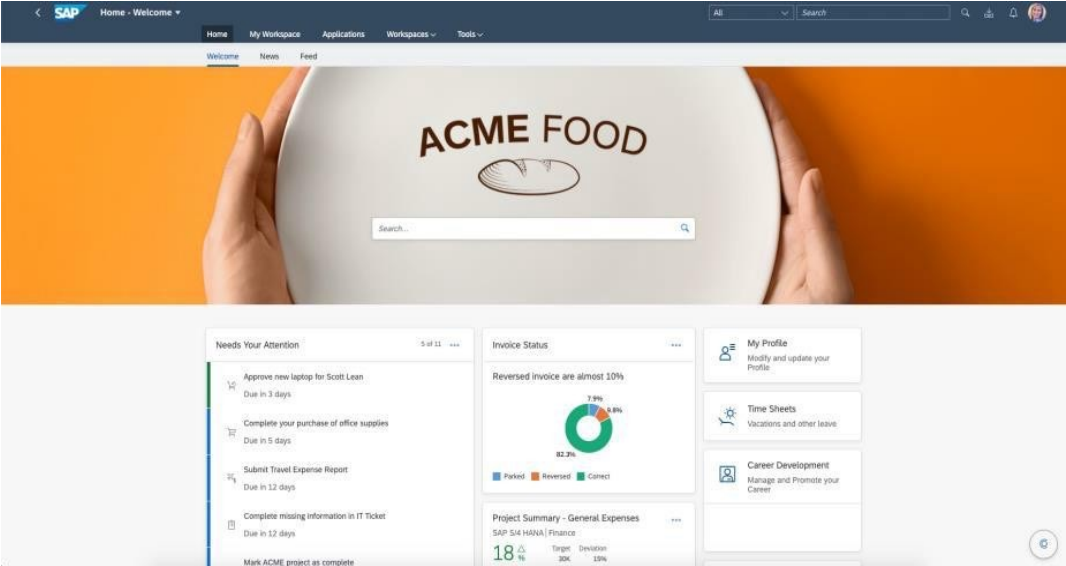
SAP Digital Experience Services

SAP Launchpad



- Establish a central point of access to applications, tasks and processes (SAP Fiori launchpad in the cloud)
- Common UX integration for SAP solutions (for example, SAP S/4HANA) and custom apps and extensions following the SAP Fiori UX

SAP Work Zone



- Establish a central point of access to applications, tasks and processes

AND (on top)

- Additional capabilities such as guided experiences, flexible page building / layout incl. web content, document access, flexible UI cards, and workspaces for collaborative knowledge sharing
- Empowering a user-centric, modern digital workplace



How Customers are Extending



Solution

SAP Integration Suite
SAP Extension Suite

Our business is able to proactively prevent problems impacting our production in the future. The platform gives **real-time** visibility to people in the field, thus improving the safety culture. We have seen a productivity gain in the range of 15–20% with the same workforce we have. It's super exciting in terms of the different technologies we are using SAP BTP. It has truly solved a business problem.”

Rajesh Satewar, Director SAP and Enterprise Applications, Murphy Oil

Outcome

Integrated

15+ disparate systems into a single platform

15%

increase in overall productivity

Smarter technology

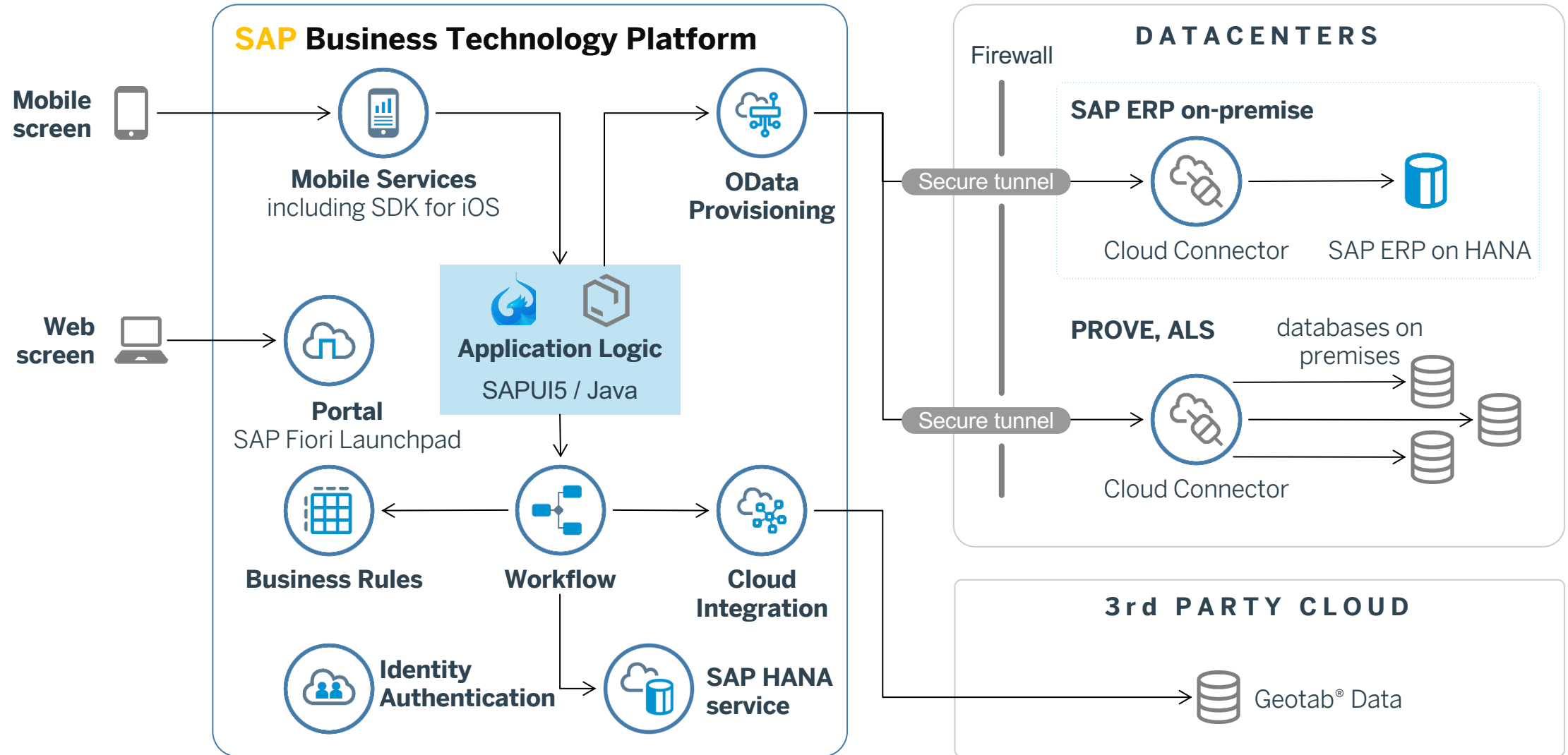
Reduced manual labor and improved staff safety

ROI

Realized in less than one year

20% Increase in Revenue

Integrated Operations Platform



Development Efficiency



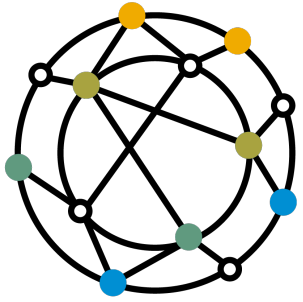
According to **Gartner**

80% of technology products will be built by non-technical people by 2024

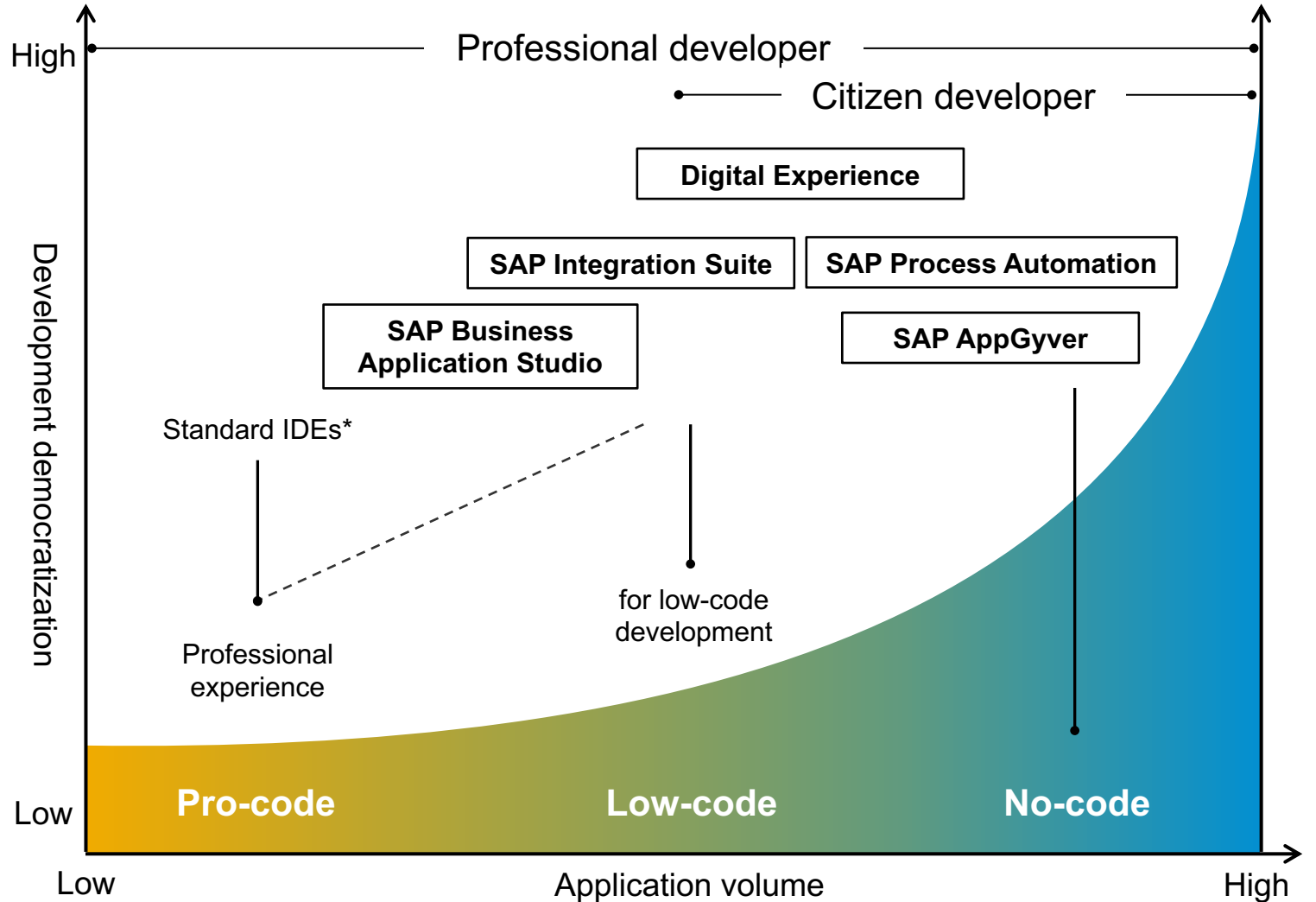
How can you
**empower business
users, securely?**

What role to
**pro-developers
& IT play?**

[Gartner Press Release](#), Gartner Says the Majority of Technology Products and Services Will Be Built by Professionals Outside of IT by 2024, June 14, 2021
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Create a **unified developer experience** that allows every developer to build apps fast, no matter the skill level



* For example, VS code + extensions

SAP AppGyver and SAP Business Application Studio

Boost Application Development with Low-Code/No-Code Capabilities

SAP AppGyver



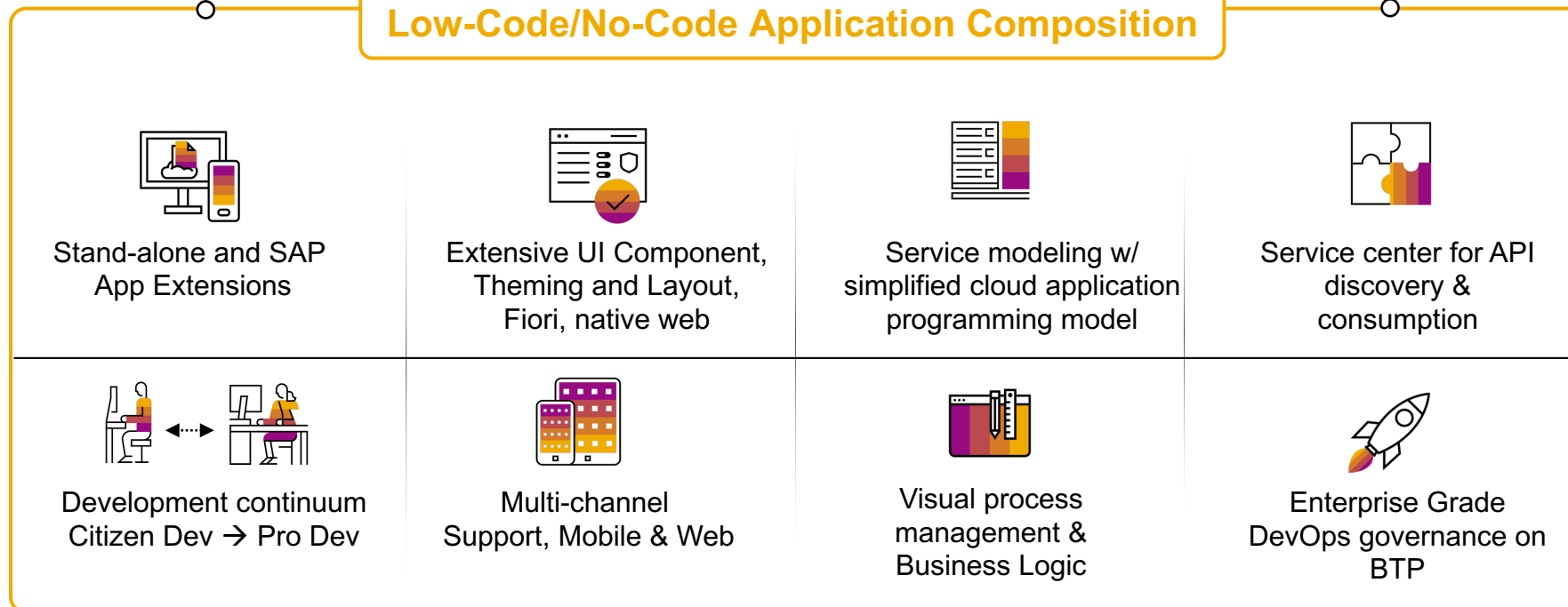
Empowers business users and citizen developers to deliver pixel-perfect standalone apps and extensions in a full no-code composition environment

SAP Business Application Studio

Boosts development productivity for pro developers with a low-code experience based on the SAP opinionated technology (CAP, Fiori, UI5, HANA and more)



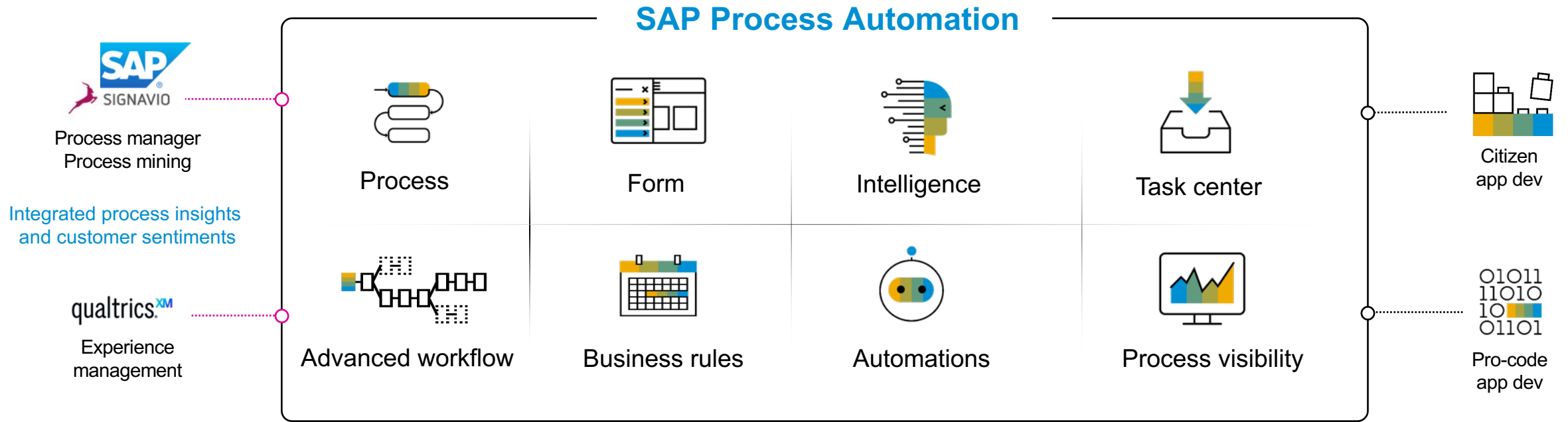
Low-Code/No-Code Application Composition



Process Automation

SAP Process Automation

Capabilities: citizen automation for line-of-business builders

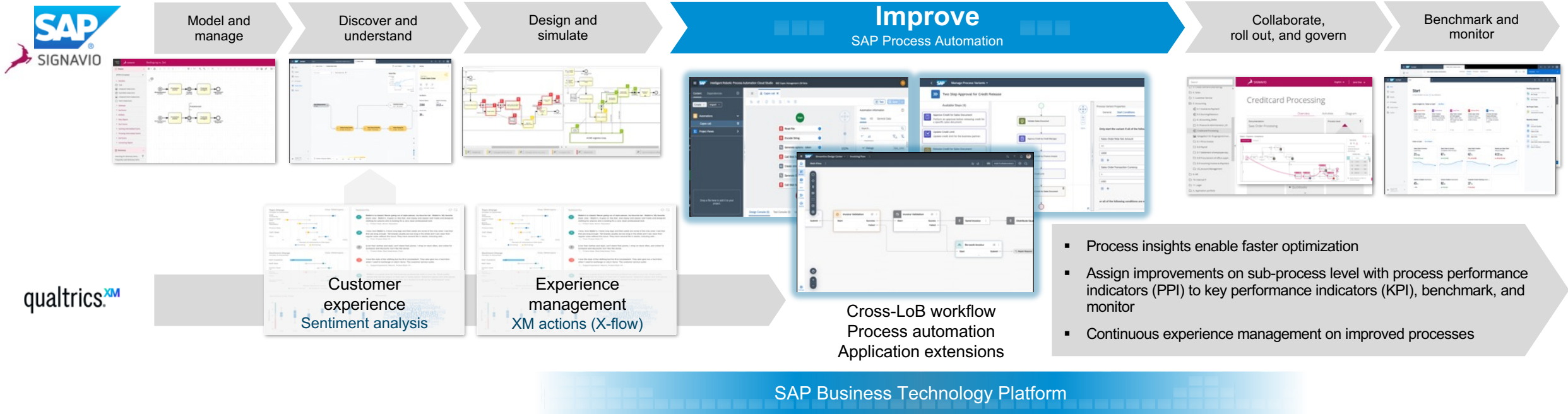


- New **citizen automation user experience** (process builder, forms builder)
- All **advanced workflow management** capabilities available (rules, process visibility, process flexibility, AI)
- Embedded **RPA capabilities** to readily combine bot automations with workflows
- Content and **reusable artifacts** (such as bots, workflow components, process steps, actions)
- **Unified launchpad and task center** for citizen developer applications and automations

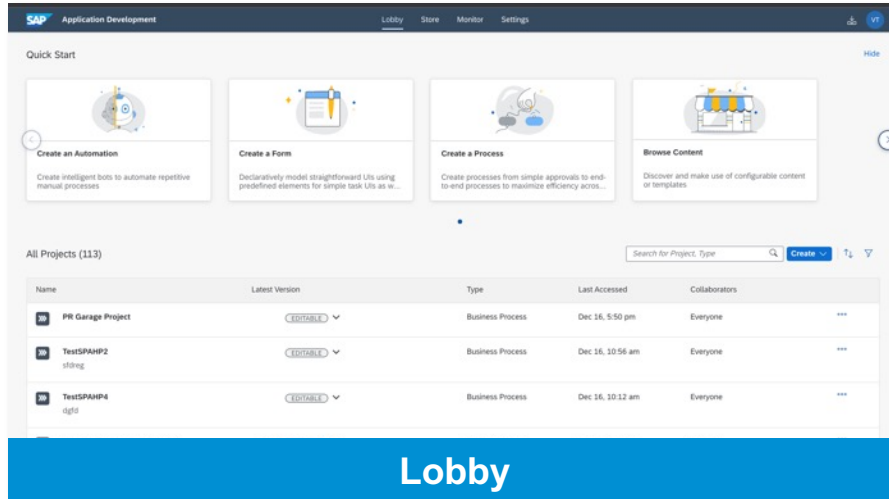
The end-to-end value of business process intelligence

From process insights and customer experience to process automation and improvement

Business process intelligence

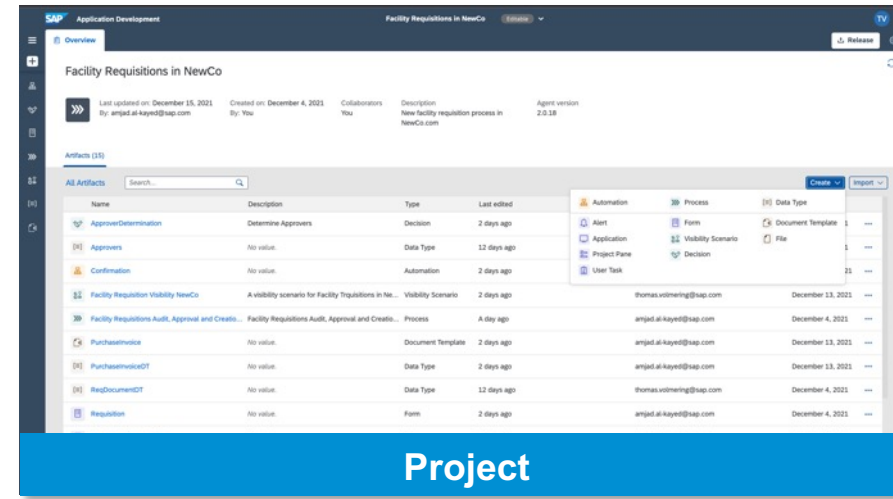


Citizen developer workflow and automation in ONE product experience



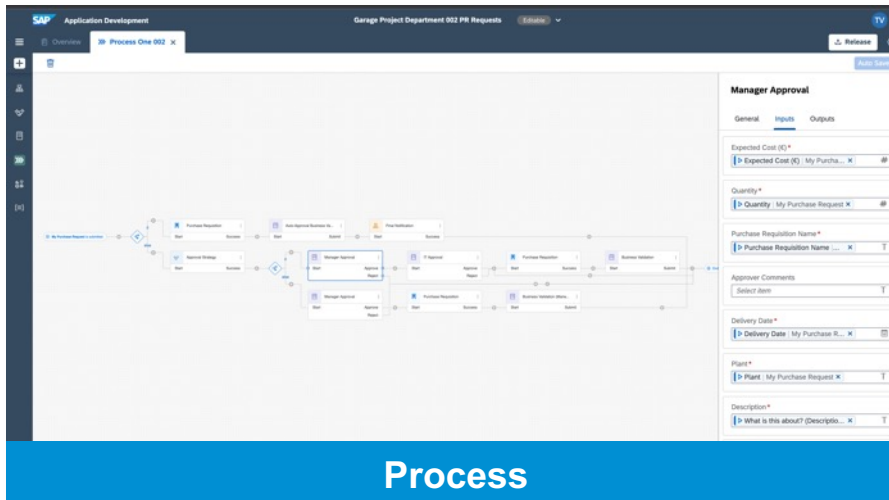
One Lobby across Process Automation & Application Development

Lobby



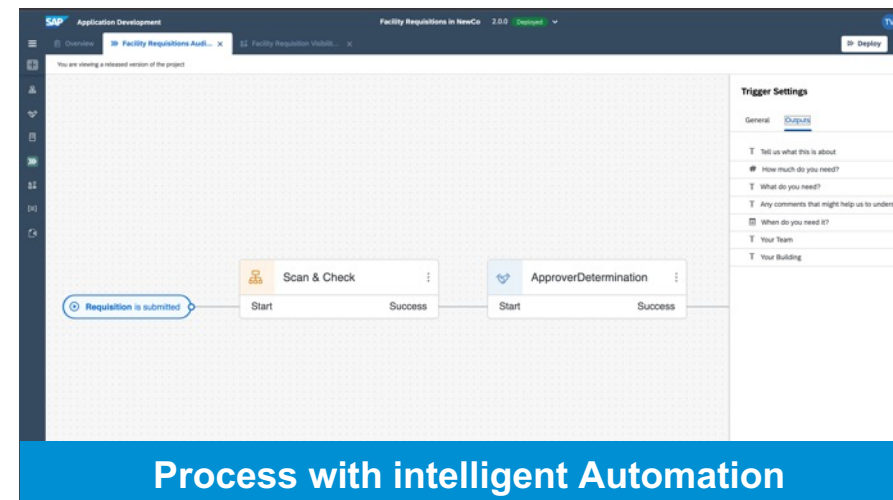
One Process Project with a simple life cycle and fast time to value across all artifacts

Project



One Process Builder combining Workflow with Automations in a simple intuitive language

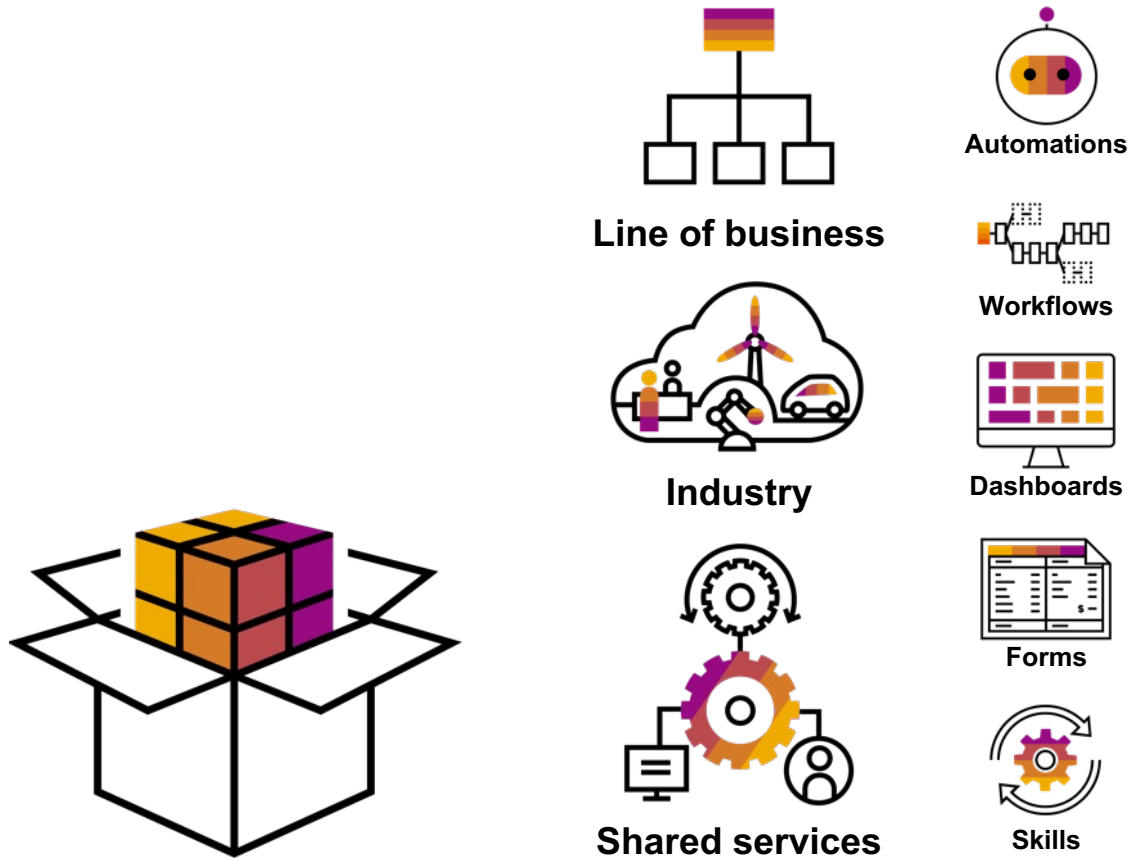
Process



Embedded AI capabilities with immersive modeling experience to add intelligent automations into process

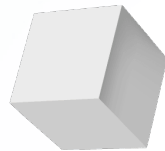
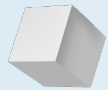
Process with intelligent Automation

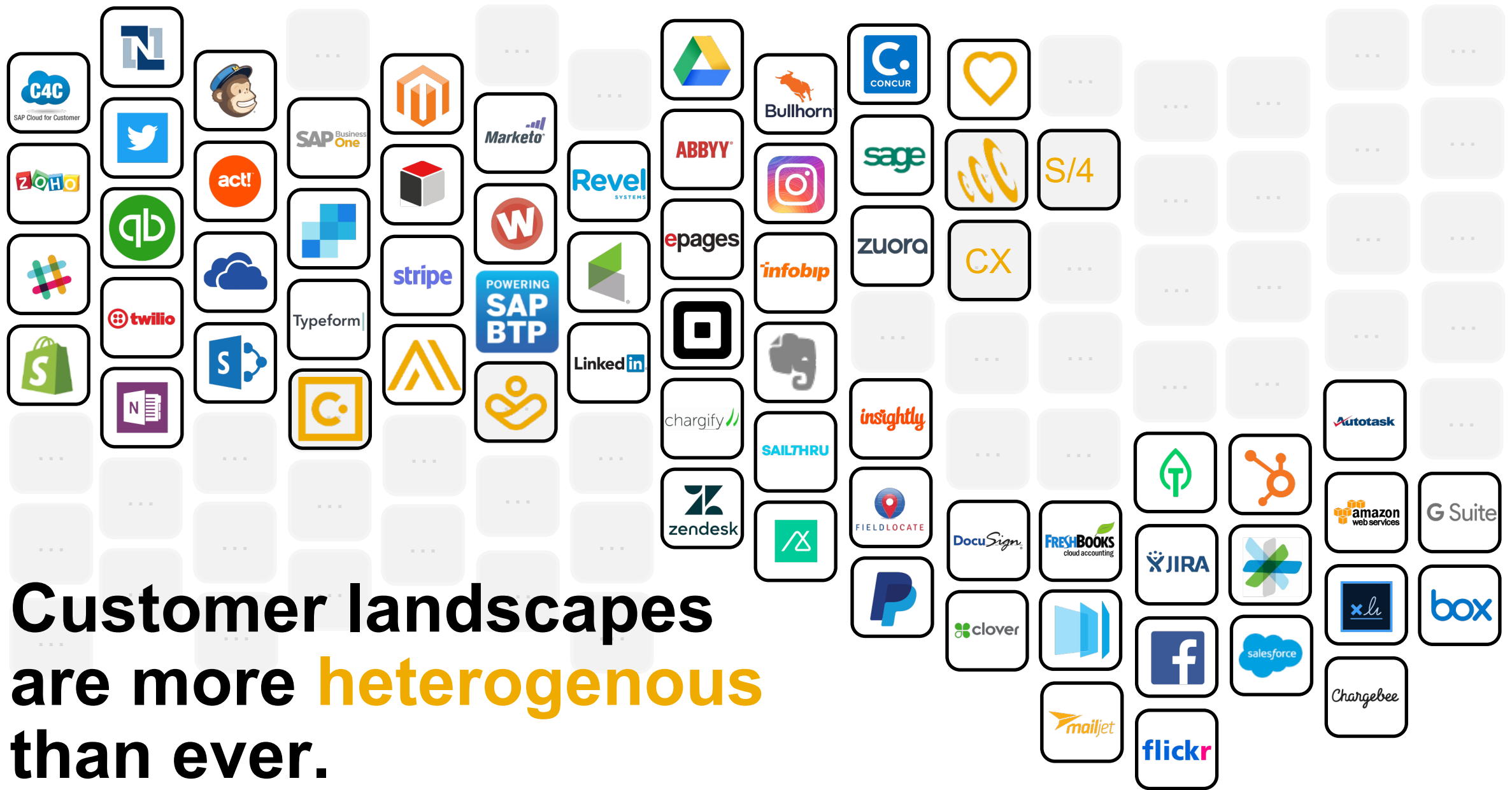
Accelerate business transformation with prebuilt content packages



- **Jump-start automation development** while making use of **best practices**
- Select from a wide variety of **prebuilt, directly usable packages**
 - across lines of business
 - industries
 - shared functions
- Content ranges from
 - **templated automations** (bots)
 - **processes** (workflows)
 - **process visibility dashboards**
 - **form templates**
 - **actions** (called skills)to **complete automation packages combining artifacts**

Integration Suite - The Hybrid Integration Platform for Intelligent Enterprises

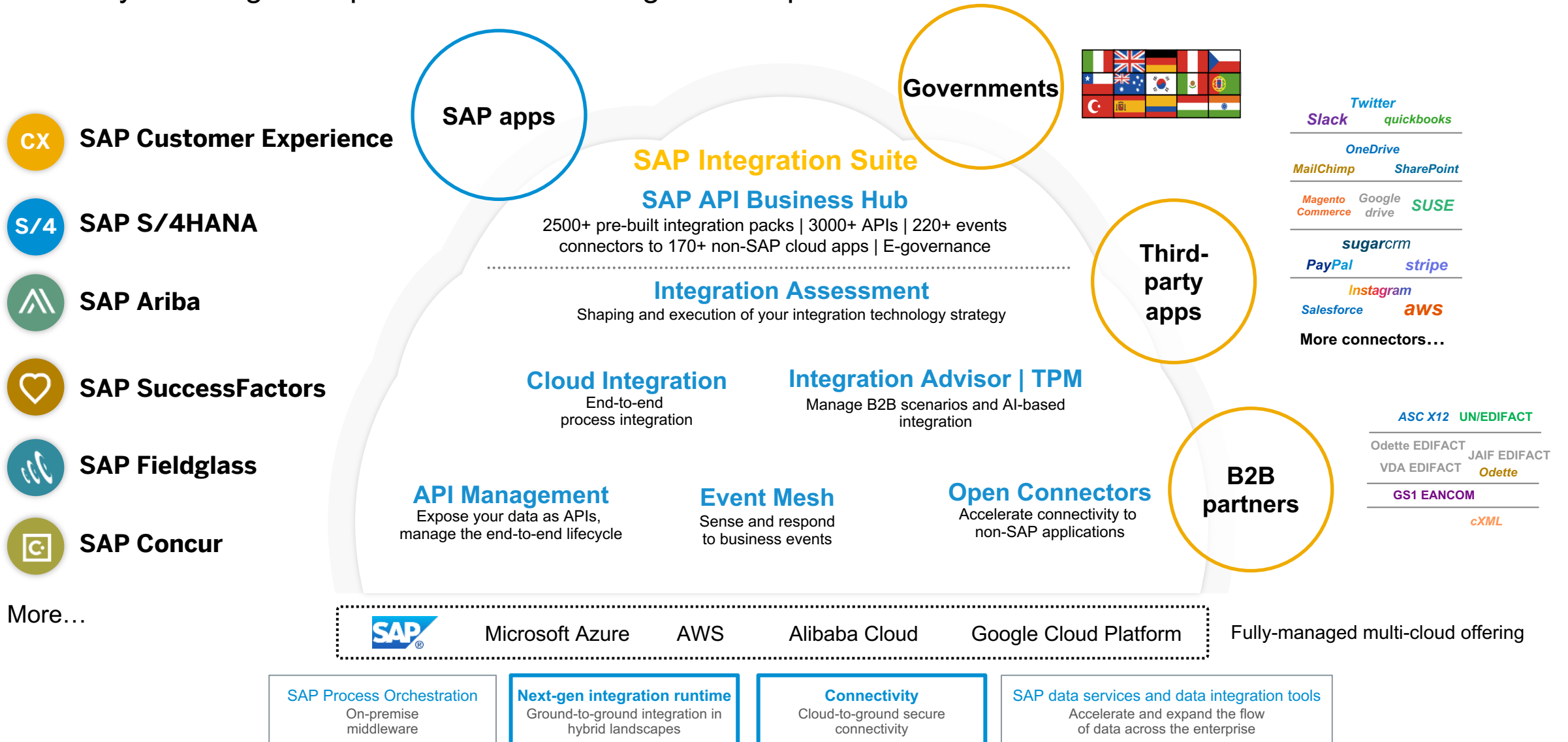




Customer landscapes
are more **heterogenous**
than ever.

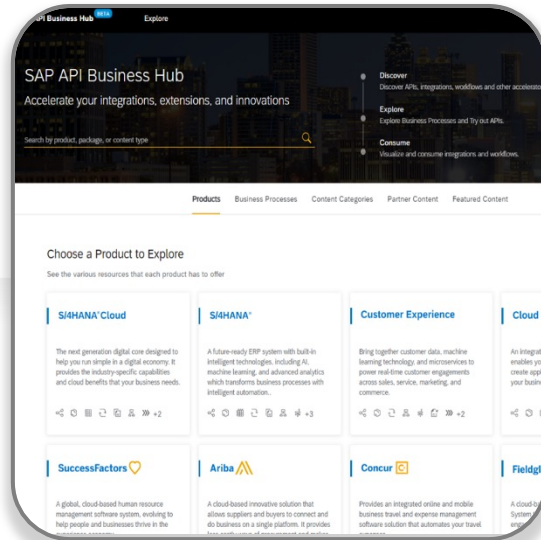
Integration at SAP

SAP's hybrid integration platform for the Intelligent Enterprise

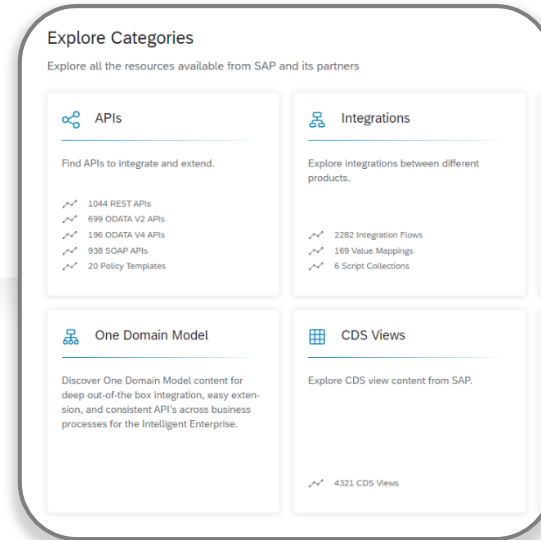


Streamline any-to-any, SAP and third-party integrations

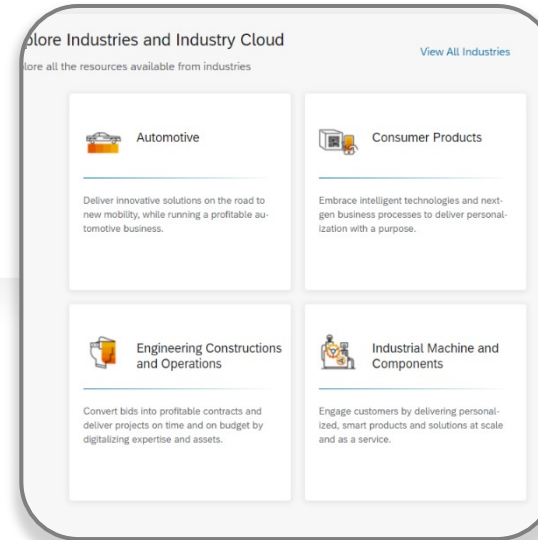
Central catalog: SAP API Business Hub @ api.sap.com



Public catalog
to discover and consume
prebuilt integrations and
connectors



Content categories
2500+ Prebuilt integrations
3000+ APIs
220+ Business events
170+ Connectors to third-party apps



Content clustering
for easy navigation and
search, e.g. for **industry
clouds, communities**



Partners*
list and engage with
customers

Value = 5x acceleration, 10x savings

Partner with SAP to connect and automate your business



15,000+

SAP Integration Suite
customers



2,500+

Pre-built Integrations to
accelerate integrations



2800+

Ready to use APIs in
SAP API Business Hub



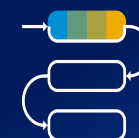
Billions

API calls per month
across all SAP Integration
Suite tenants



Billions

Messages processed per
month across all SAP
Integration Suite tenants



900+

Largest number of
Integration Flows deployed
by a single customer on a
single tenant

Next Steps with SAP Integration Suite



[Learn more on SAP.com](#)

[Download the Gartner Magic Quadrant report](#)

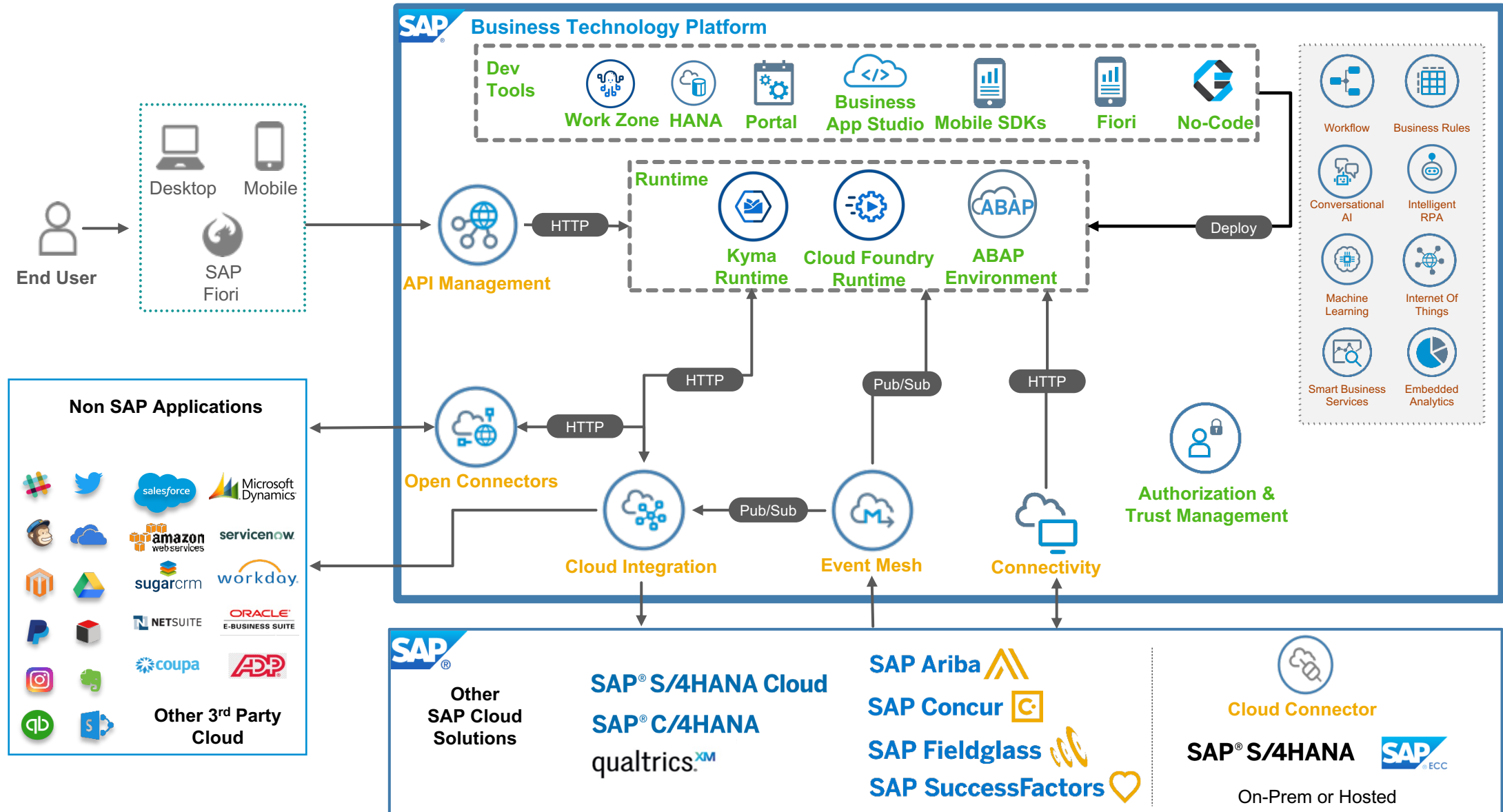
[Hear from your peers](#)

[Get hands-on with SAP Integration Suite](#)

[Discover APIs and other integrations assets](#)

SAP BTP App Dev and Integration Framework

[Service Catalog](#)



Thank you.

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