SAP Cloud Platform

THE Integration and Extension Platform for SAP Customers

Steffen Schad, SAP Cloud Platform

THE BEST RUN SAP

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Intelligent Enterprise

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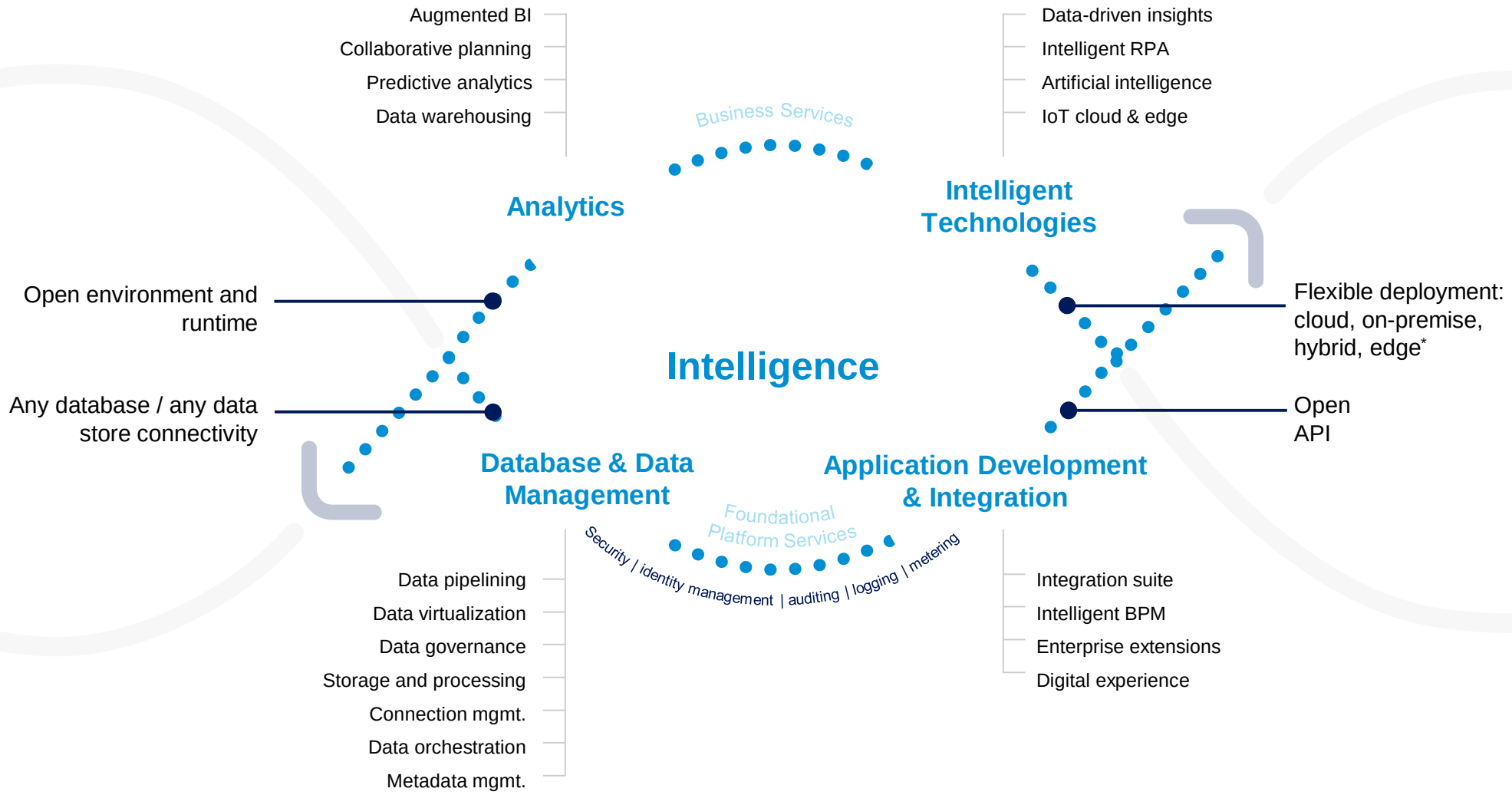
Business Technology Platform

SAP Cloud Platform as a key pillar



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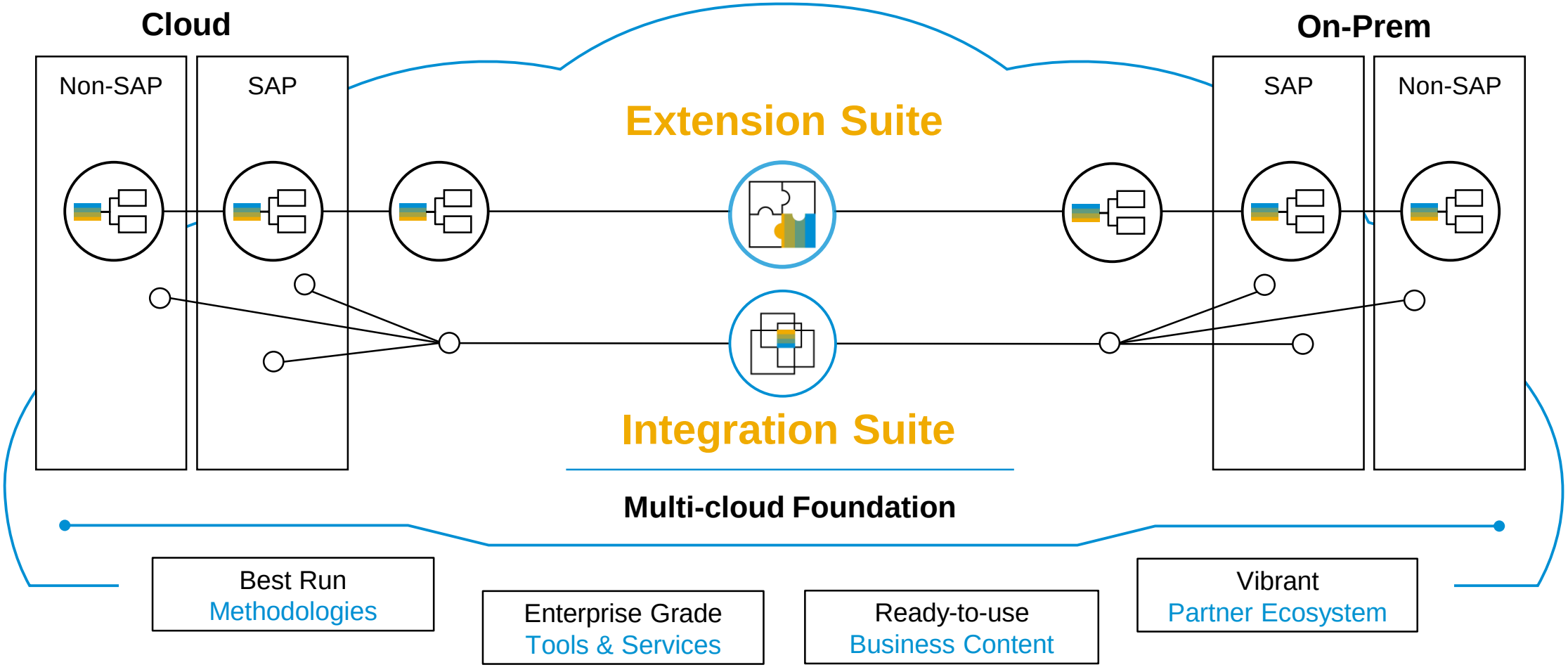
SAP Cloud Platform – Elevate Your Enterprise Experience

Accelerate Integrations. Simplify Extensions. Expand Business Value.



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SAP Cloud Platform: Integration Suite

Simplify Enterprise Integration

with an open, modular and intelligent Integration Suite

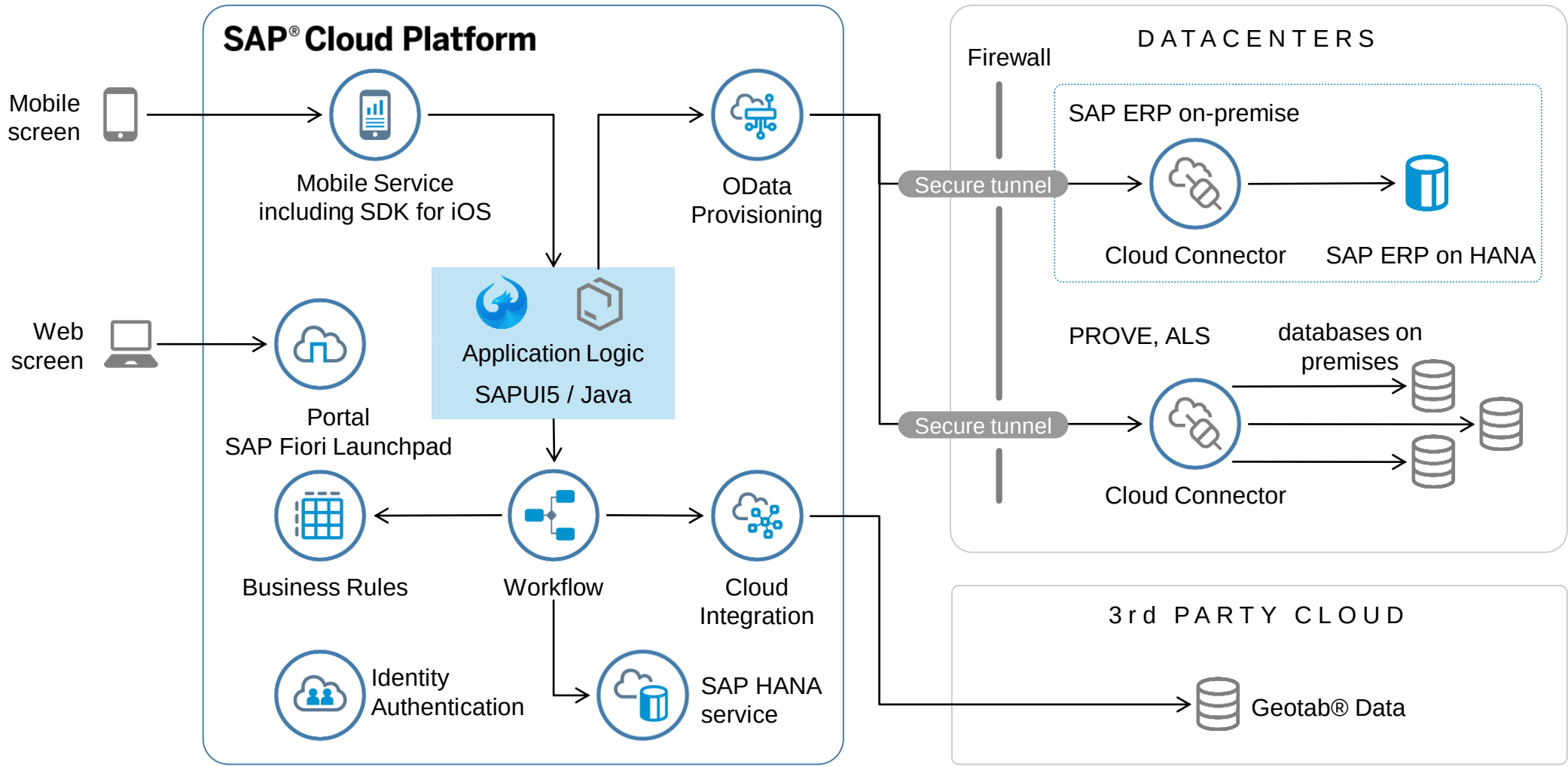
Customer Success

Integrated Operations Platform for Oil Well Operations

"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. Employees understand the risk and procedures they have to follow while doing their jobs. 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 in SCP. It has truly solved a business problem." – Director SAP and Enterprise Applications

Integrated Operations Platform for Oil Well Operations

SAP Innovation Awards 2019



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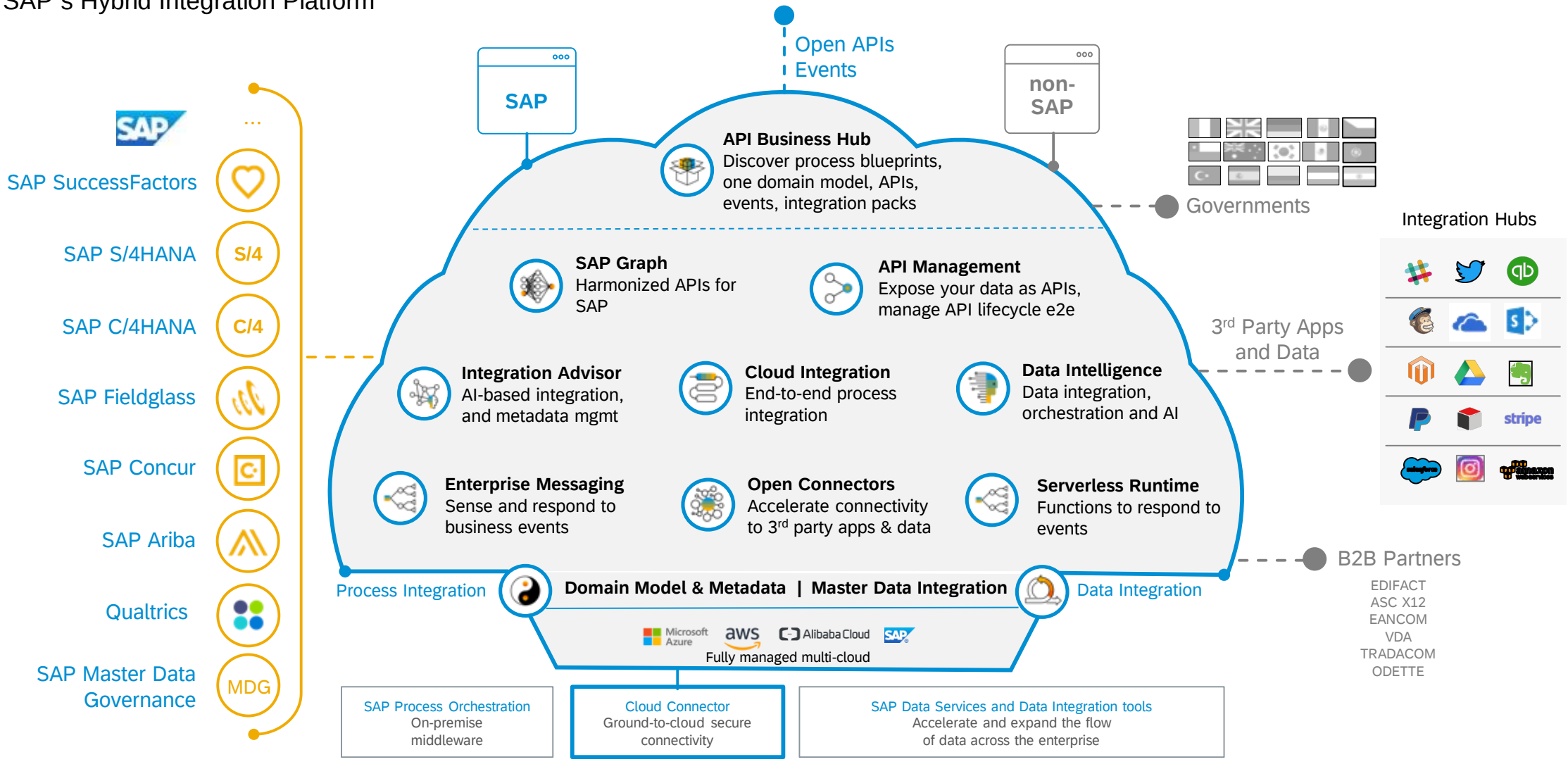
SAP Cloud Platform Integration Suite

SAP´s Hybrid Integration Platform



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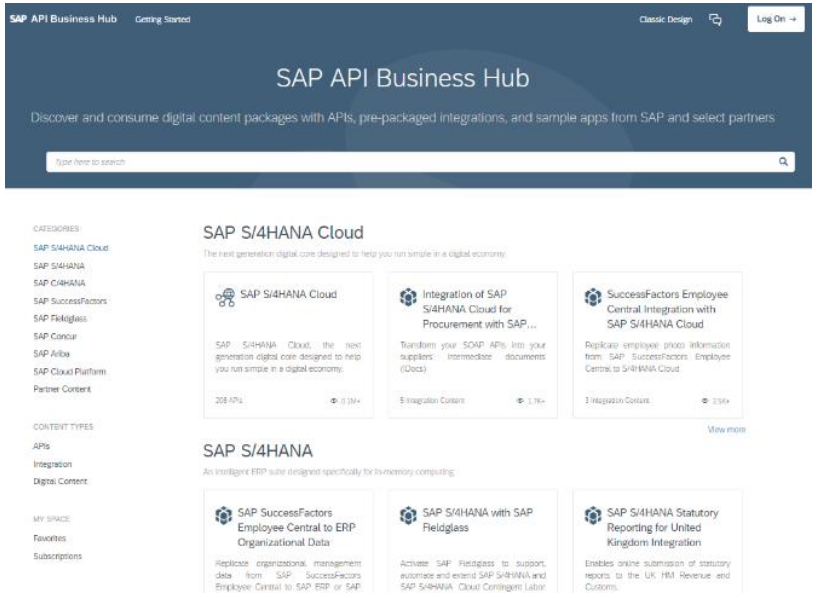
SAP Cloud Platform Integration



Open to the Ecosystem

- Ability to integrate with business networks
- Open to partners for developing integration content and adapters

Prepackaged content to accelerate integration projects

- Safeguard and accelerate your integration projects with out-of-the box integration content
- Prepackaged content to integrate SAP and non-SAP applications, such as e-Document compliant integration with tax authorities
- Search, discover, experience, and consume the right predefined integration packages from SAP and selected partners
- Open to partners for developing content and connectivity
- Integration content can be deployed on SAP Process Orchestration (starting with release 7.5)

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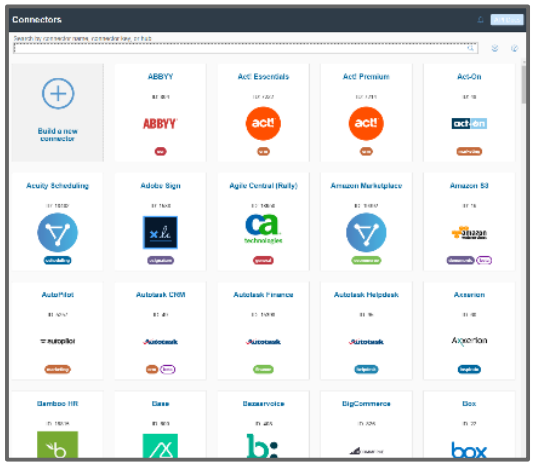
SAP Cloud Platform Open Connectors

Accelerate connectivity to third-party applications



Pre-built Connectors

Out of the box connectivity to non SAP applications.

- Feature rich connectors to 150+ non-SAP applications.
- Easily connect to top SaaS application in use
- Built-in interactive API documentation in Open API Spec

Common Resources

Canonical data model to extend connectors

- Create consistent data model based on your integration needs
- Pre-built common resources that can be easily extended

Formulas

Easily build API compositions across connectors

- Build a single template that you can reuse with different connectors and values
- Wrap multiple operations in a single request

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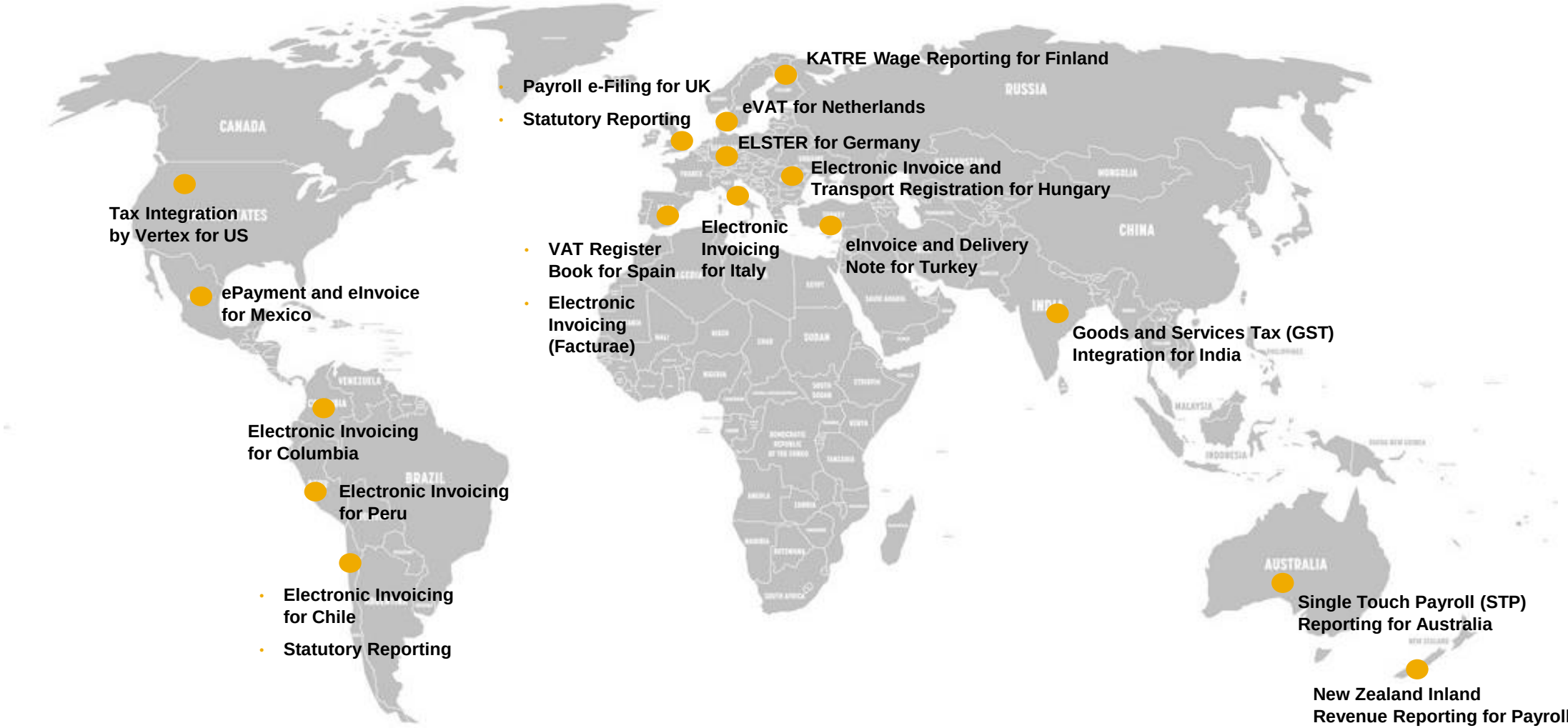
Out-of-box Integrations

Digital compliance | e-government integrations



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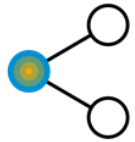
Simplified integration with SAP

Out-of-box
Integrations

1100+ prepackaged integrations



Semantic APIs

1000+ APIs from SAP and partners

Open Connectors
for hub-based integrations

160+ connectors to 3rd party apps

Machine learning
automate interfaces & mappings

Integration Advisor

Consumption-based
licensing

CPEA

Multicloud
deployment offering

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SAP Cloud Platform: Extension Suite

Accelerate Development of your Enterprise Extensions

with enterprise grade development tools and ready-to use services

PORR: Pushing Construction Equipment Services to the Next Level with SAP Fiori Apps and SAP Cloud Platform

Q2/20

Before: Challenges and Opportunities

- Digitalize paper-based processes within equipment management and maintenance in order to make data available in real time and meet the needs of steadily increasing business volume
- Reduce the need to manually enter data into SAP applications, which resulted in obsolete data due to delayed posting
- Merge related processes that are spread across systems using apps
- Improve user experiences

Why SAP

- Ability to combine SAP Fiori apps with processes already running on SAP software
- Apps that can be readily available to technicians through SAP Cloud Platform
- Cost savings from migrating to SAP Cloud Platform separately from the internal server

After: Value-Driven Results

- Optimized process leads to increase efficiencies across the entire organization
- Eliminated of 200,000 paper pages per year
- Increased orders and sales with the same workforce
- Data available in real time on construction sites
- Documentation that is comprehensive and brings security and transparency into organizational needs
- 40% reduction in support costs through streamlining IT process optimization
- Increased user acceptance

"SAP Fiori gives us the opportunity to access our ERP directly using apps, to receive equipment data such as scheduling, profitability analysis, repair orders, and equipment documents, and to **perform in real time**."

Werner Zenz, CEO, PORR AG

10-fold

Increase in efficiency through real-time bookings

70,000

Working hours per year now available for other tasks

Find out more

SAP Innovation Award Use Case

PORR AG
Vienna, Austria
www.porr-group.com

Industry
Engineering, construction, and operations

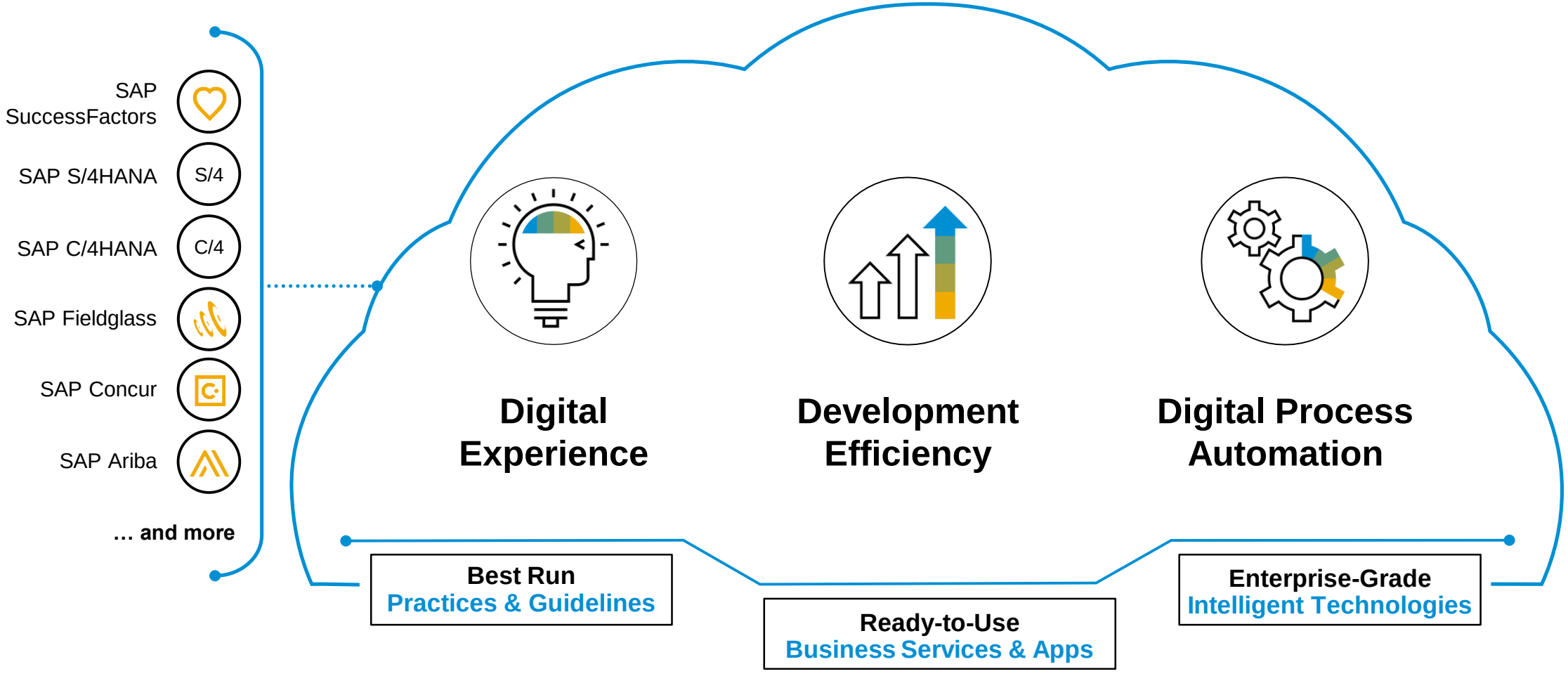
Products and Services
Construction

Featured Solutions
SAP Fiori and SAP Cloud Platform

SAP Innovation Awards

SAP Cloud Platform Extension Suite

Accelerate Development of Your Application Extensions



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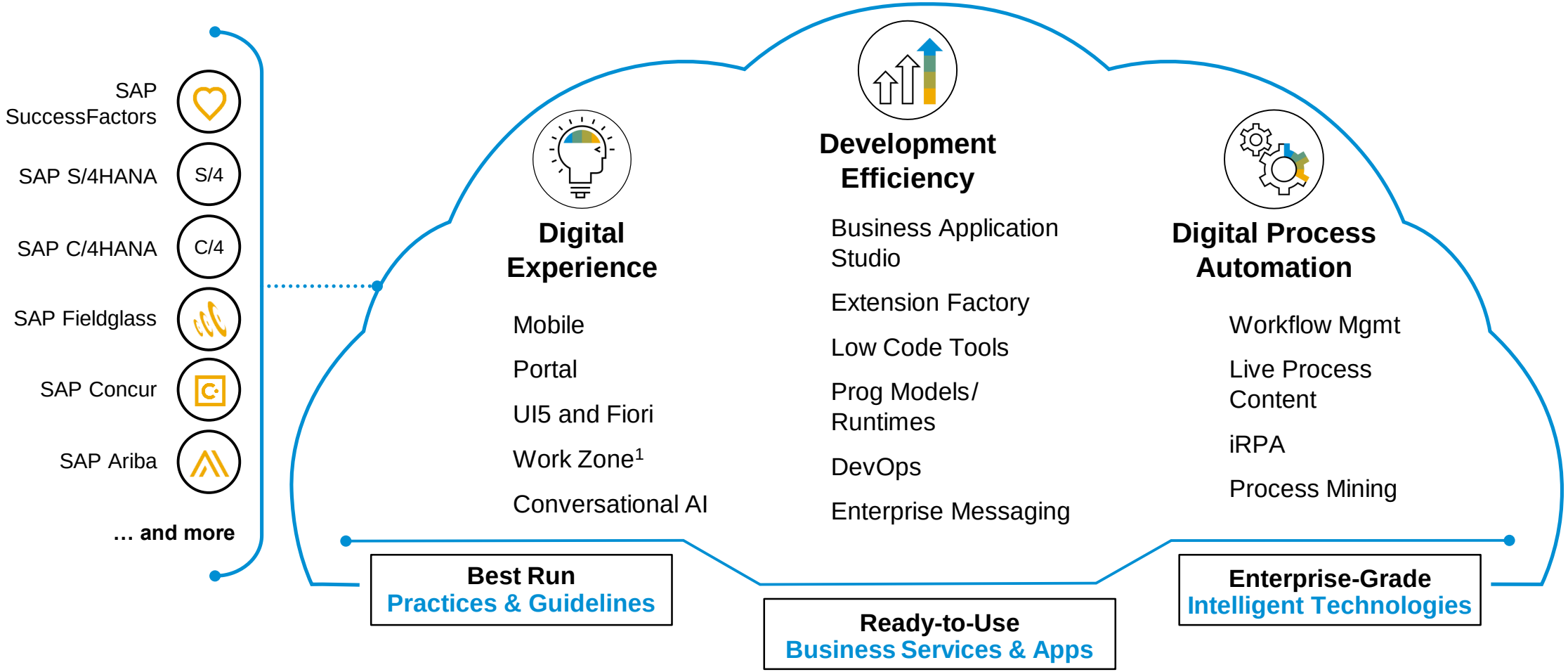
SAP Cloud Platform Extension Suite

Accelerate Development of Your Application Extensions



1: planned innovation

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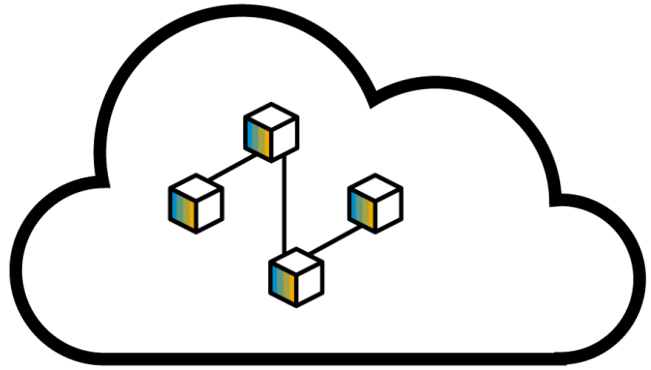
SAP Cloud Platform: Extension Suite

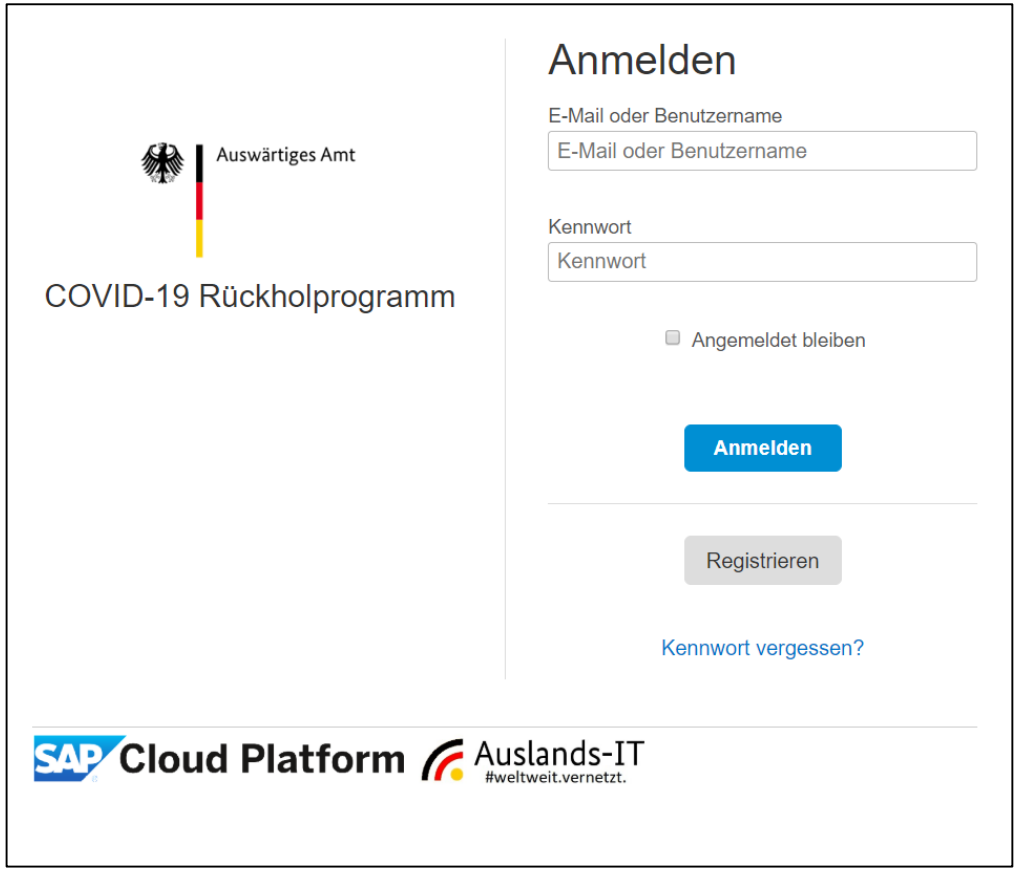
Development Efficiency



Boost Development Efficiency

with enterprise grade development tools and ready-to use services

Rückholprogramm – App on SAP Cloud Platform



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Building Extensions for the Intelligent Enterprise on SAP Cloud Platform

SAP SuccessFactors

SAP S/4HANA Cloud + On Premise

SAP C/4HANA

SAP Fieldglass

SAP Concur

SAP Ariba

SAP Enterprise Core Components

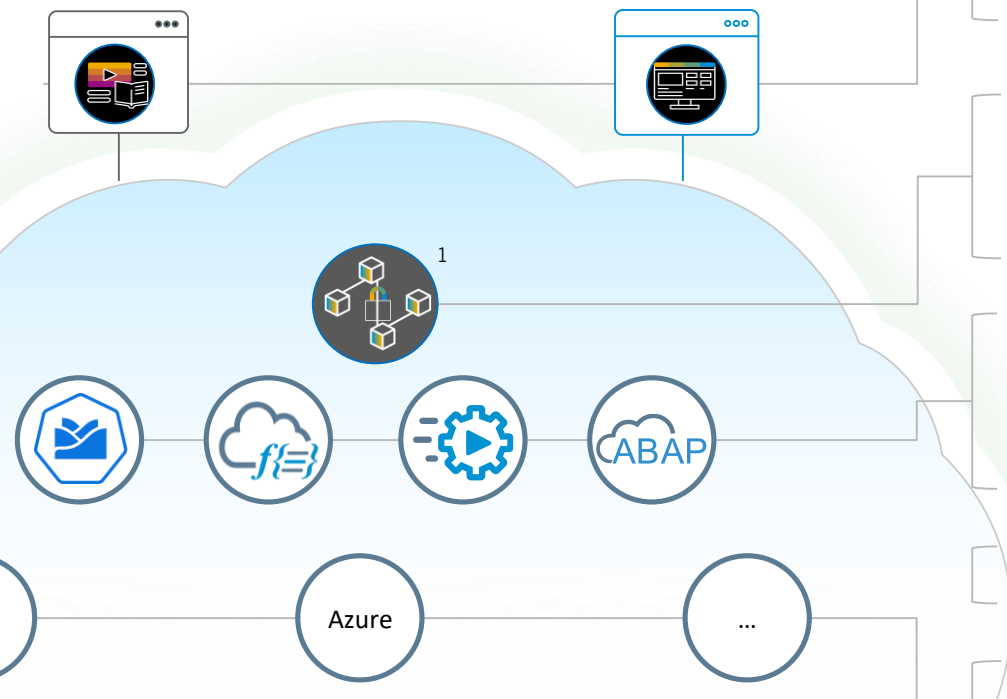
Other SAP Solutions

3rd Party Solutions

Secured & Managed Connectivity

API based

Event based



Multiple Administration UIs
- SAP Cloud Platform Cockpit
- SAP C/4HANA Cockpit
- SAP SuccessFactors Extension Center [1]
- …

Central Management Plane
- Secured App Connectivity
- Central Apps APIs & Events Registry
- Standardized Service Mgmt & Consumption

Runtime of choice
- Kyma runtime
- Application Runtime
- ABAP
- Serverless runtime

One Event Bus
- Based on SAP CP Enterprise Messaging

Infrastructure of choice
- Amazon Web Services
- Microsoft Azure
- others

1 Planned innovation

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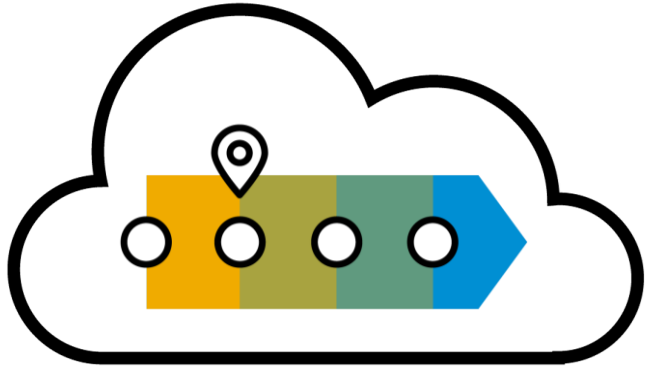
SAP Cloud Platform: Extension Suite

Digital Process Automation



Optimize Business Processes to achieve operational excellence

with intelligent automation and increased process flexibility

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Danone: Accelerating Stewardship of the Planet by Transforming the Capital Expenditure (CAPEX) Journey

Q2/20

Before: Challenges and Opportunities

- CAPEX approval process that was built 10 to 15 years ago and was based primarily on e-mail
- Poor user experience, no tracking and reporting capabilities, and difficulty adapting to evolving workflows and business requirements
- Inability to implement planet sustainability key performance indicators (KPIs) in the approval process
- No mobile front end, making executive approvals cumbersome

Why SAP

- Creation of a new CAPEX approval process using SAP Cloud Platform, SAP HANA, and intelligent technologies from SAP
- Easy-to-use mobile front end using a set of SAP Fiori® apps for tracking and analytics

After: Value-Driven Results

- One source of truth for all CAPEX requests to provide financial visibility and transparency
- Ability to measure and approve CAPEX projects that will achieve innovative and ambitious 2030 environmental goals, which include a 50% reduction in CO_2 and 100% renewable electricity
- Departmental ownership of approval process using a mobile app and an ability to change workflow steps and business rules without involvement from IT
- Real-time status and analytics reporting along with the ability to roll up views by department, business unit, region, and globally for overall KPI impact
- Overall reduction in maintenance and development cost

"The new app helps us **drive our investments and lease requests** in line with our company goals."

Clément Artaud, Software Architecture Director, Danone S.A.

100%

Of CAPEX approval process users will use the new streamlined process

1,000

Employees will be more empowered in their roles by improving user experience and user satisfaction

Find out more

SAP Innovation Award Use Case

Danone S.A.
Paris, France
www.danone.com

Industry
Consumer products

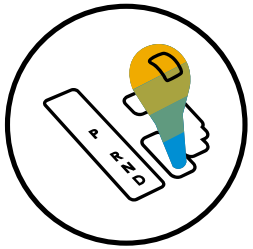
Products and Services
Food and beverages

Featured Solutions
SAP Cloud Platform, SAP HANA, SAP Fiori, and intelligent technologies from SAP

SAP Innovation Awards

Digital Process Automation with SAP Cloud Platform

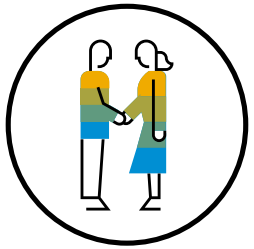
Key trends, customer needs, and value proposition for Live Processes



Business agility

How to improve time to market for business initiatives in digital transformation

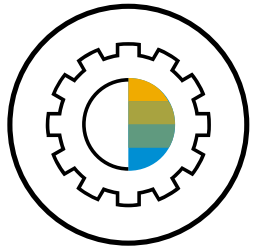
With Process Flexibility, process extensions, workflows and rules can be more easily adapted and extended than code, and with less risk



Business empowerment

How to improve collaboration between IT and business teams for business requirement changes

By using a business process notation and expressing logic in business rules, IT and business users can talk about business requirements in common language



Automation

Automate & digitize processes across the enterprise

Empower employees through process and decision automation, freeing up their time to do more meaningful work

Intelligence

Make processes intelligent through AI technology

Help users to make smarter decisions, pro-actively identify bottlenecks and provide new user experiences

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SAP Intelligent BPM for Live Processes

Live Processes offer discovery of pre-defined content, real-time authoring and launch (publish to production) of non-complex business processes without coding. Customers “Go Live”, and stay flexible in production.

Process Experiences*

Integration of sentiments with Experience Management solutions from SAP (Qualtrics) on product, brand, and customer and employee experience to Live Processes

Process Flexibility*

Configuration of process variants for LoB experts, process extensions, decisions, and responsibilities

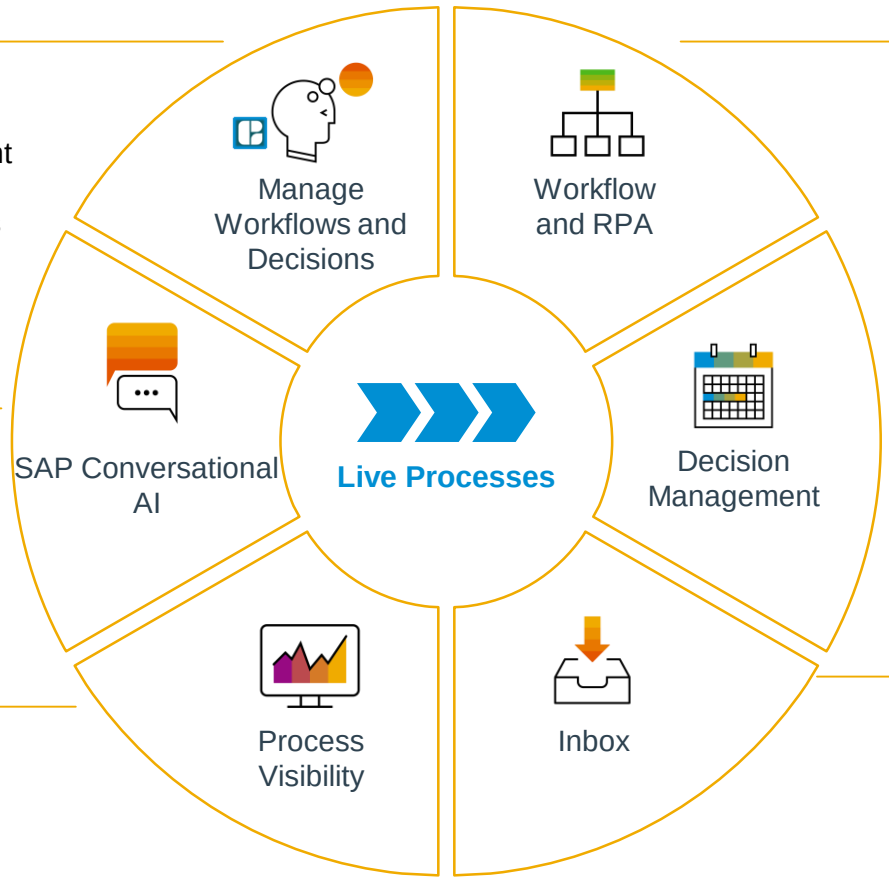
Conversational User Experience

Process Intelligence assistance with SAP Conversational AI

Machine learning identifies hidden patterns in knowledge-intensive processes and learns from the data without being explicitly programmed

Process Intelligence

SAP Cloud Platform Process Visibility
SAP Process Mining by Celonis, cloud edition



Intelligent Automation

Integrated offering of SAP Cloud Platform Workflow to automate structured processes with SAP Intelligent Robotic Process Automation (RPA) to run repetitive, unstructured, and user interface-focused tasks

Automation of decisions with SAP Cloud Platform Business Rules

Live Process Content

Process documentation from enterprise architecture to value and process flows, implementation blueprints

Digital Experience

Management of tasks centrally in portal, central SAP Fiori launchpad, mobile BPM

*Planned

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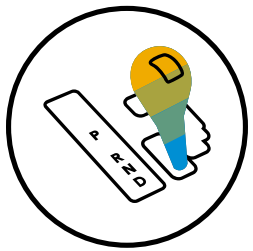
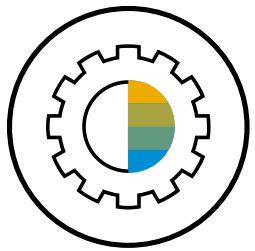
SAP Intelligent Business Process Management – the benefits



Faster **time to value** and increased real-time **flexibility** on business processes (“live”).



Increase level and quality of **process automation** with integrated workflows, business rules and bots (digital workers).

Improve business **process experiences**, help users to make smarter decisions, pro-actively identify bottlenecks and recommend actions.

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SAP Cloud Platform: Extension Suite

Digital Experience

Increase User Engagement and Productivity

with an integrated, harmonized and contextual experience across applications and channels

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Loblaw: Prioritizing a People-Centered Approach and Making It Easier for Vendors to Do Business

Before: Challenges and Opportunities

- Replace many disconnected legacy portals with one that incorporates all capabilities and applications for all divisions
- Increase synergies between company divisions through consolidation of infrastructure and consistency in operations

Why SAP and Accenture

- Expert design of a new vendor portal using SAP Cloud Platform
- Consistent look and feel for the vendor that is branded to represent the full organization and link to all existing applications

After: Value-Driven Results

- Suppliers incentivized to do business with Loblaw thanks to positive user experiences
- All merchandising-related activities on one portal
- Leveraging new technology to change the retail landscape and set standards
- Extensive portal built with single sign-on and user interface customizations
- Flexibility to expand and continue building and integrating customer-centric applications
- Simple, seamless experience for vendors, who can now conduct all onboarding- and product-related activities on one portal and manage their own user access
- Internal teams spending less time on manual activities, shifting the focus to value-added tasks that engage and satisfy customers

"The Loblaw Vendor Portal has expanded our capability and reach of communicating with vendors. We have built a trusted system in which suppliers can contact Loblaw and receive a response to a question or solution to a problem in a timely fashion. We have made it **easier for suppliers to do business with Loblaw** by creating one central location of information, news, applications, and tools that is secure and easy to access."

Loblaw Companies Limited

One

Interface and sign-on for 30 brands and three lines of business

5,617

More satisfied merchant and supplier users

Find out more

SAP Innovation Award Use Case

Loblaw Companies Limited	Industry	Products and Services	Employees	Revenue	Featured Solutions
Brampton, Canada www.loblaw.ca	Retail	Food and pharmacy	200,000	$46.7 billion	SAP Cloud Platform, SAP API Management, and SAP Translation Hub

SAP Innovation Awards

Newcrest Mining: Creating Safer, More Efficient Mining Operations with SAP Cloud Platform

Before: Challenges and Opportunities
- Simplify business processes and increase productivity with mobile technology
- Improve safety management and access to controls and safety information
- Access back-office applications from the field, online or offline
- Get real-time visibility into transactions and data for better decision-making

Why SAP
- Secure cloud computing environment of SAP Cloud Platform, including integration of data and business applications
- Fast, simple app development using SAP Cloud Platform Mobile Services
- Simple, consistent user experience (UX) across devices with UI5 using the SAP Fiori UX
- App development and UX design expertise of Bourne Digital Pty Ltd.

After: Value-Driven Results
- Ability to complete administrative tasks from the field –saving time and improving productivity
- Reduction in unplanned outages, costly equipment downtime, and safety hazards
- Smoother, safer, and more efficient shutdown process
- Optimized inventory and warehouse processes

"Our mobile apps on SAP Cloud Platform help us keep staff **in the field, away from their desks**. They allow proactive equipment monitoring to avoid costly repairs, unplanned downtime, and safety risks."

Gavin Wood, Chief Information and Digital Officer, Newcrest Mining Limited

~105,000
Hours saved each year

~36,000
Mobile transactions per month

Find out more
Business transformation study

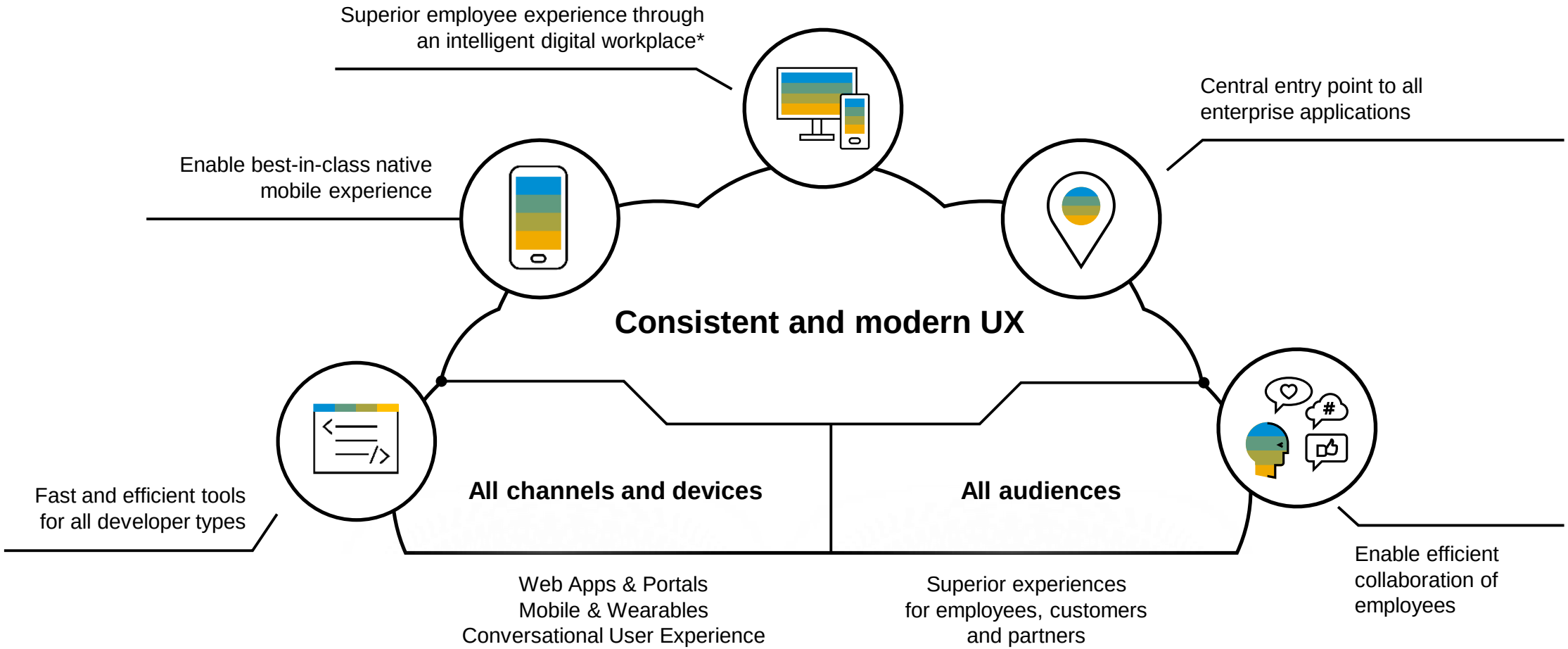
Newcrest Mining Limited
Melbourne, Australia
www.newcrest.com.au

Industry
Mining

Products and Services
Gold and copper

Featured Solutions and Services
SAP Cloud Platform, SAP Cloud Platform Mobile Services, and SAP Fiori UX

SAP Cloud Platform as a Digital Experience Platform



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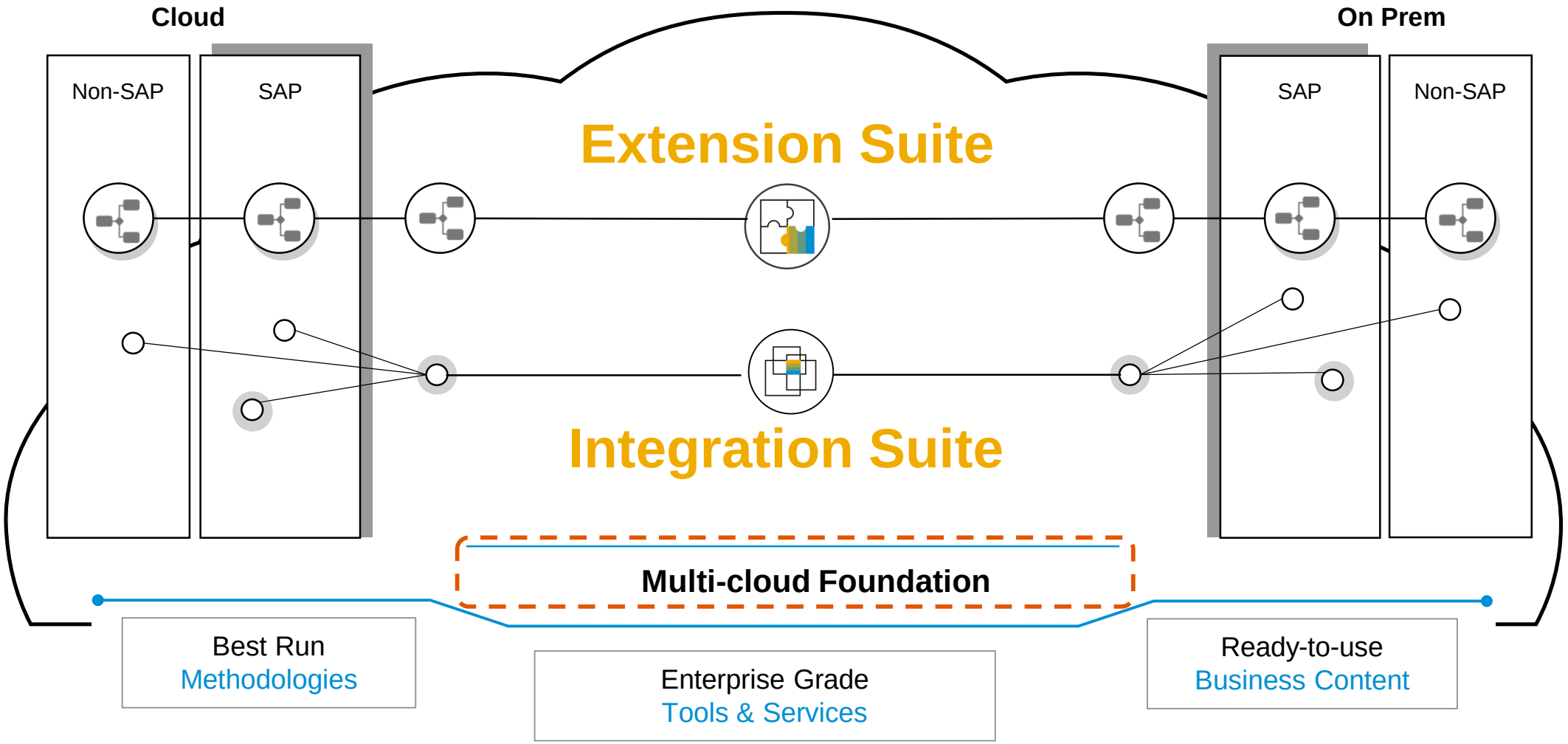
SAP Cloud Platform

Multi-Cloud Foundation

Choice of cloud infrastructure providers

Multi-Cloud Foundation

Consume SAP Cloud Platform on your IaaS platform of choice



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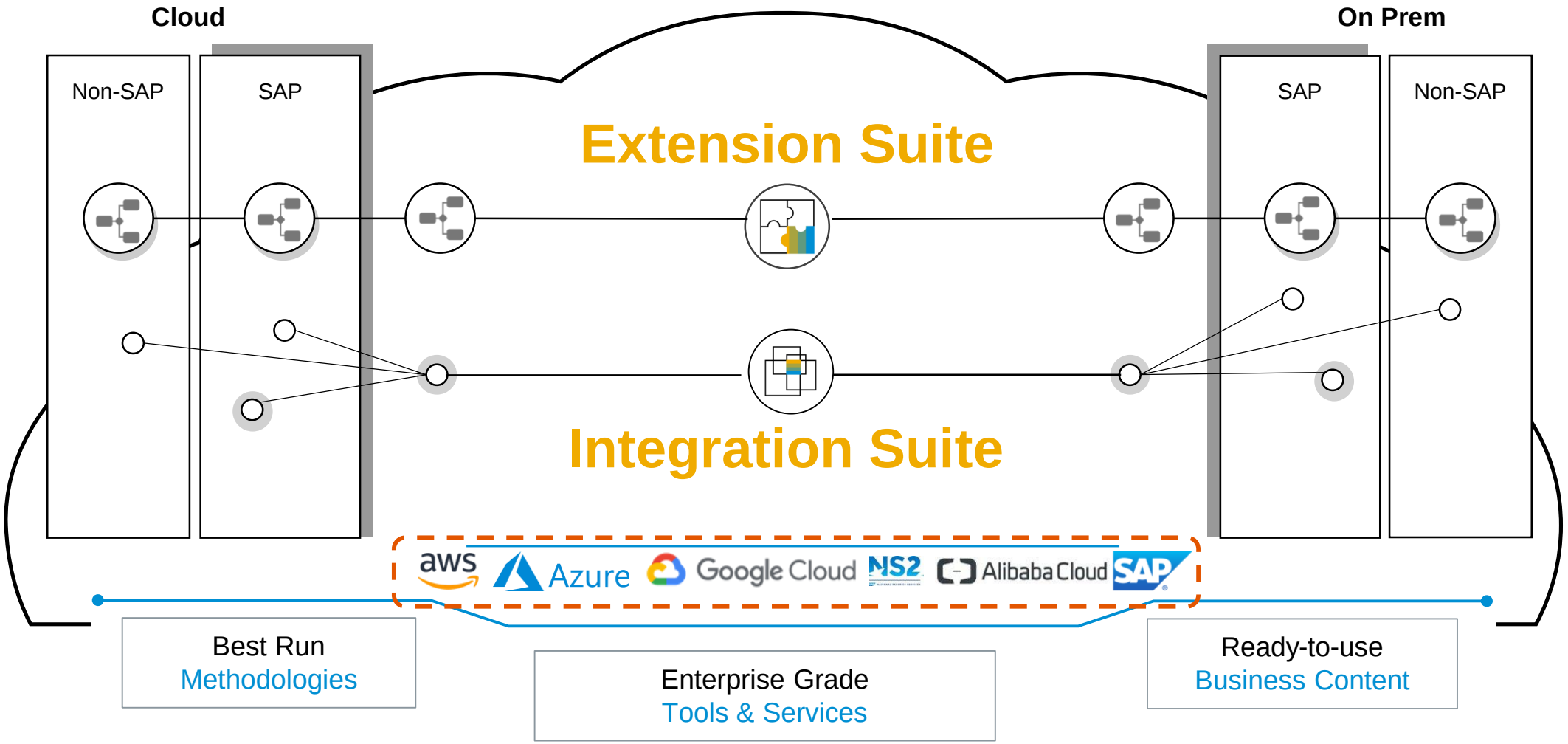

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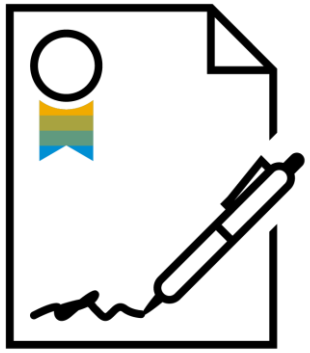
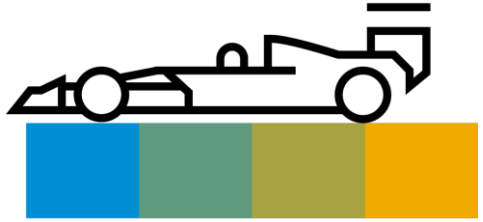
Multi-Cloud Is THE Way Forward for SAP Cloud Platform

Expected customer and partner benefits from our Multi-Cloud Strategy



Reliability

Re-use hyper-scaler infrastructure and their capabilities



Dev Agility

Use best-suited services of choice

Flexibility

Larger data center coverage

Ability to select the vendor of choice

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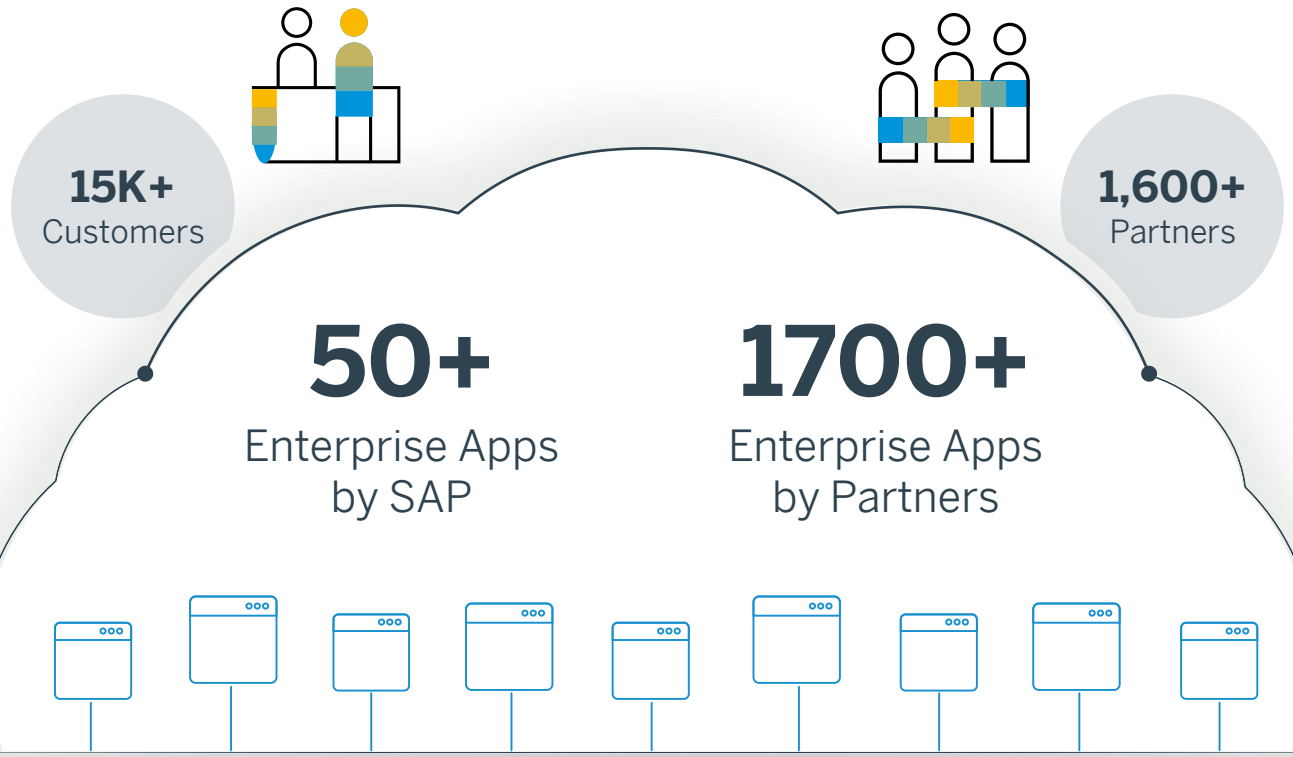
SAP Cloud Platform



SAP Cloud Platform

Central Feedback & Requirements Channel

for customers and partners powered by SAP Continuous Influence

> Customer Influence Site *http://influence.sap.com/cis*
Logon with your S-user and filter for *SAP Cloud Platform* and *SAP Continuous Influence*

> Direct Access
SAP CP Sessions

1. *SAP Cloud Platform Integration Suite*
2. *SAP Cloud Platform extension suite*
3. *SAP Cloud Platform digital experience*
4. *SAP Cloud Platform digital process automation*
5. *SAP Cloud Platform business services*
6. *SAP Cloud Platform platform foundation*

Continuously open, transparent channel covering the full SAP Cloud Platform portfolio

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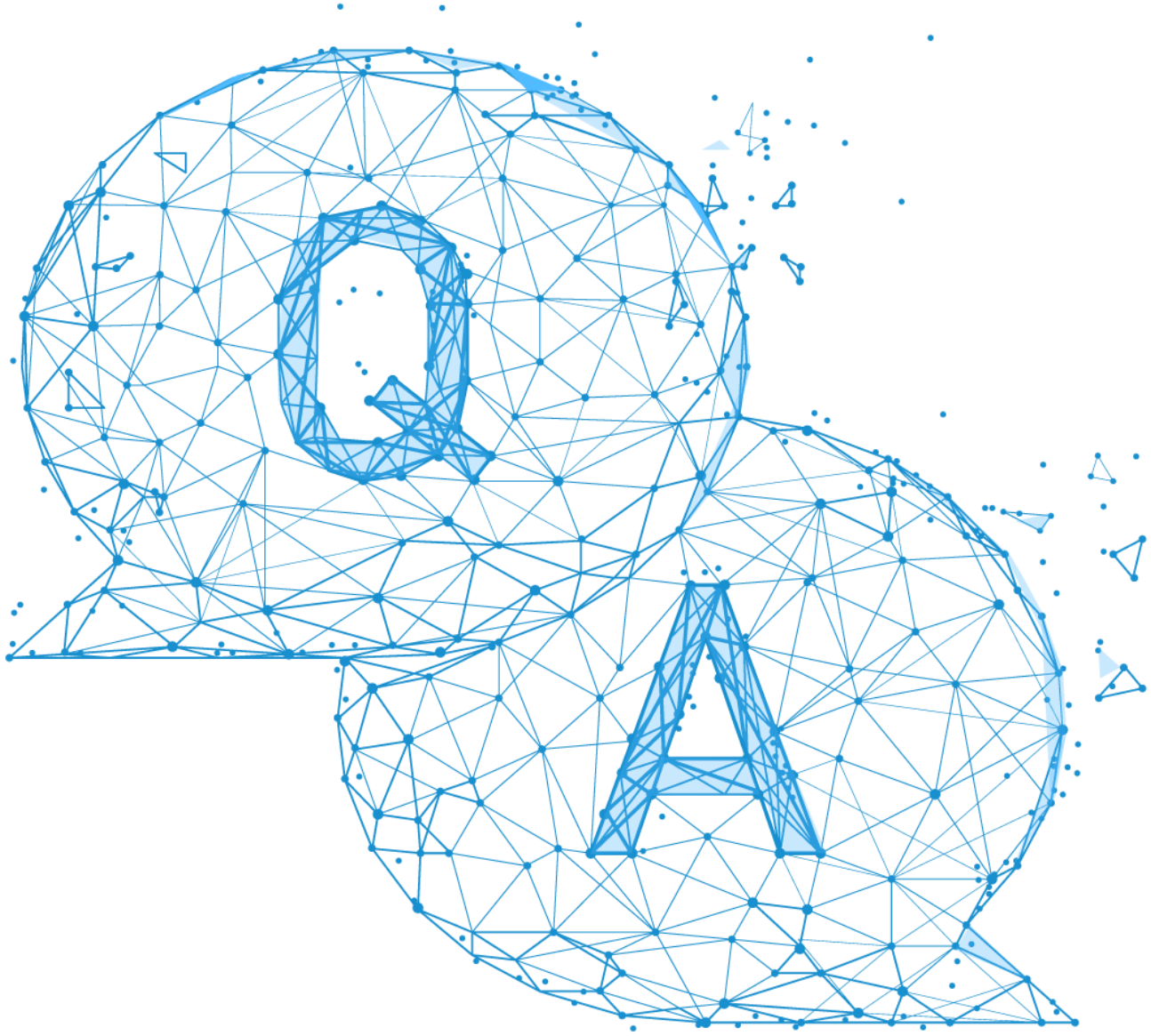
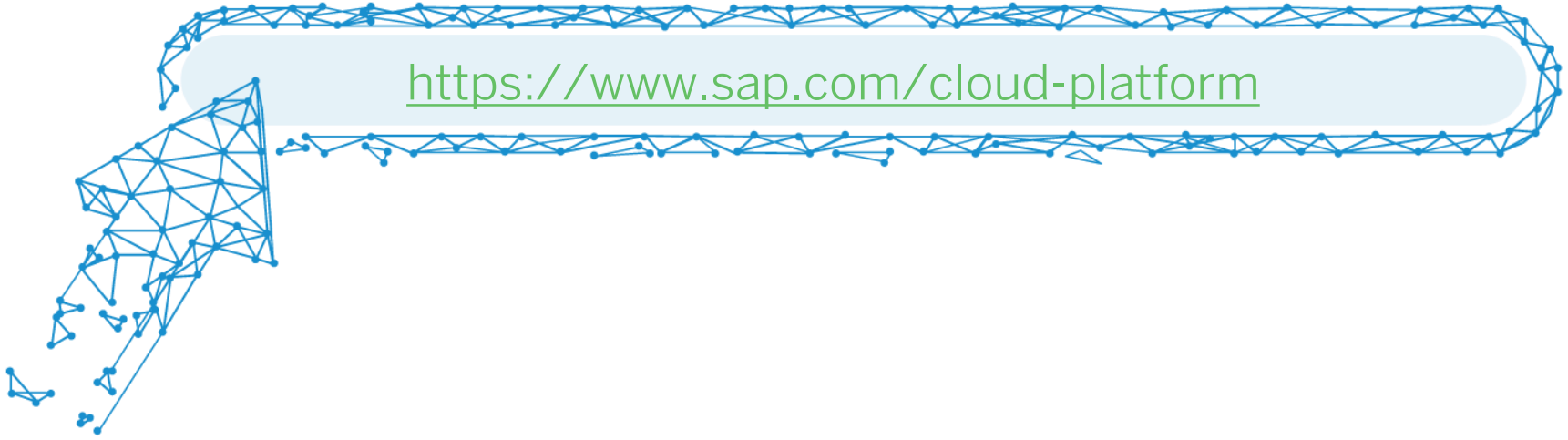
Orchestrated by SAP CP Development and Product Management experts



THANK YOU FOR YOUR TIME!



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