Integrating SAP Analytics Cloud in SAP Applications

SAP Community Call Series about the SAP Integration Strategy

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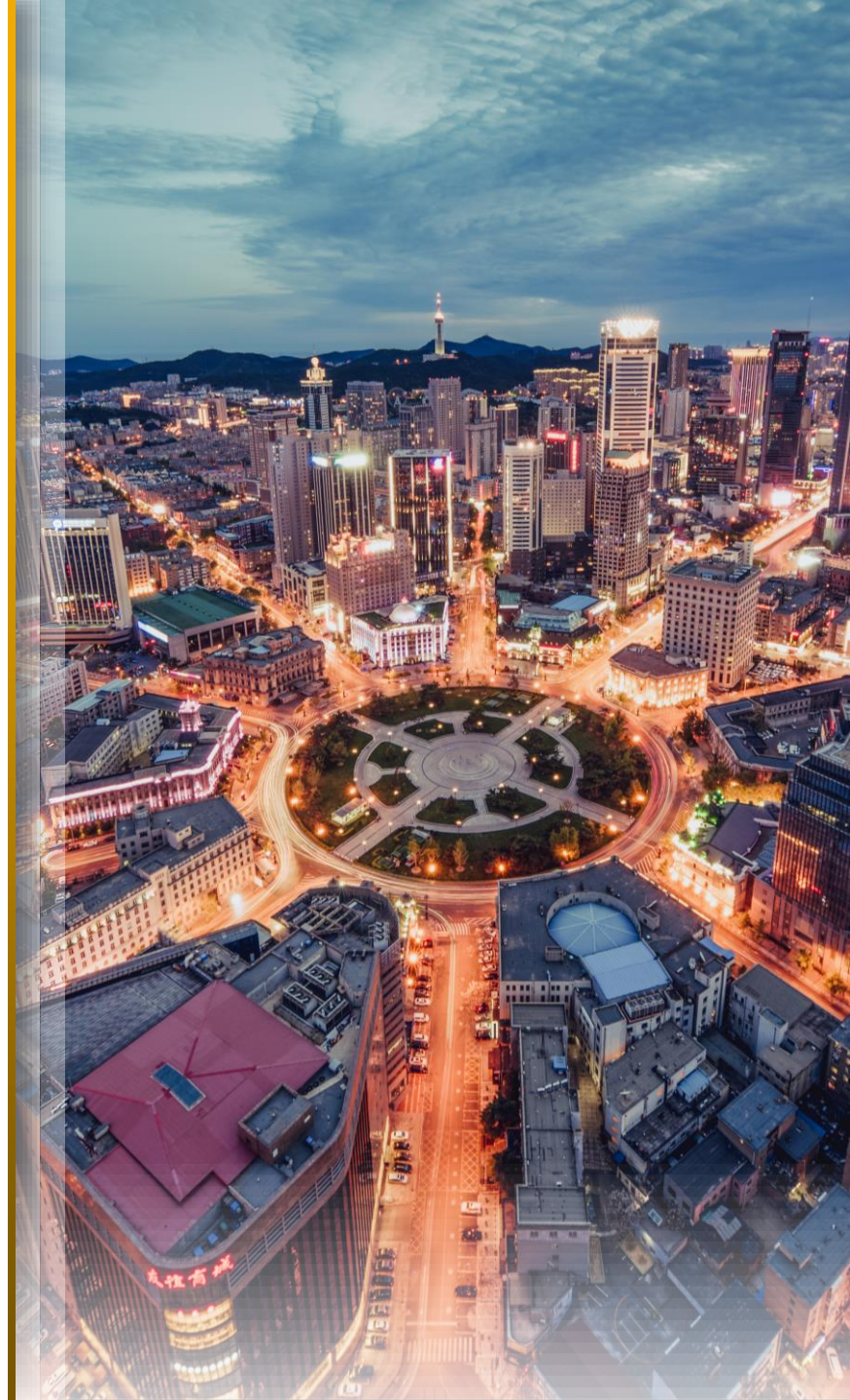
THE BEST RUN **SAP**

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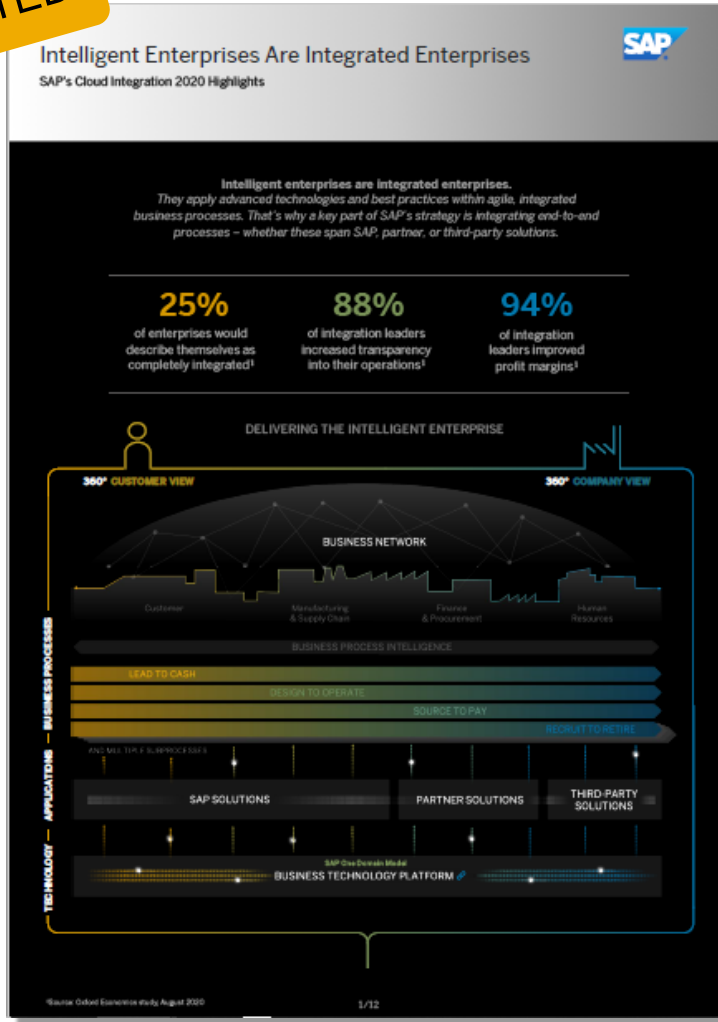
Agenda

- **SAP's Integration Plan in the Cloud**

- **Embedding SAP Analytics Cloud in SAP Applications**

- **Embedded edition in SAP Business Technology Platform**

- **Cross-Analytics**

- **SAP Analytics Cloud Embedded Status**

- **Key Take-Aways**

SAP's Integration Plan in the Cloud

Intelligent Enterprise SAP's Integration Strategy

March 2021

UPDATED

Intelligent Enterprises Are Integrated Enterprises

SAP's Cloud Integration 2020 Highlights

SAP

Intelligent enterprises are integrated enterprises.
They apply advanced technologies and best practices within agile, integrated business processes. That's why a key part of SAP's strategy is integrating end-to-end processes – whether these span SAP, partner, or third-party solutions.

25%
of enterprises would describe themselves as completely integrated[1]

88%
of integration leaders increased transparency into their operations[1]

94%
of integration leaders improved profit margins[1]

DELIVERING THE INTELLIGENT ENTERPRISE

360° CUSTOMER VIEW   360° COMPANY VIEW

BUSINESS NETWORK

Customer   Manufacturing & Supply Chain   Finance & Procurement   Human Resources

BUSINESS PROCESS INTELLIGENCE

LEAD TO CASH

DESIGN TO OPERATE

SOURCE TO PAY

RECRUIT TO RETIRE

AND MULTIPLE SUBPROCESSES

SAP SOLUTIONS   PARTNER SOLUTIONS   THIRD-PARTY SOLUTIONS

SAP One Domain Model
BUSINESS TECHNOLOGY PLATFORM

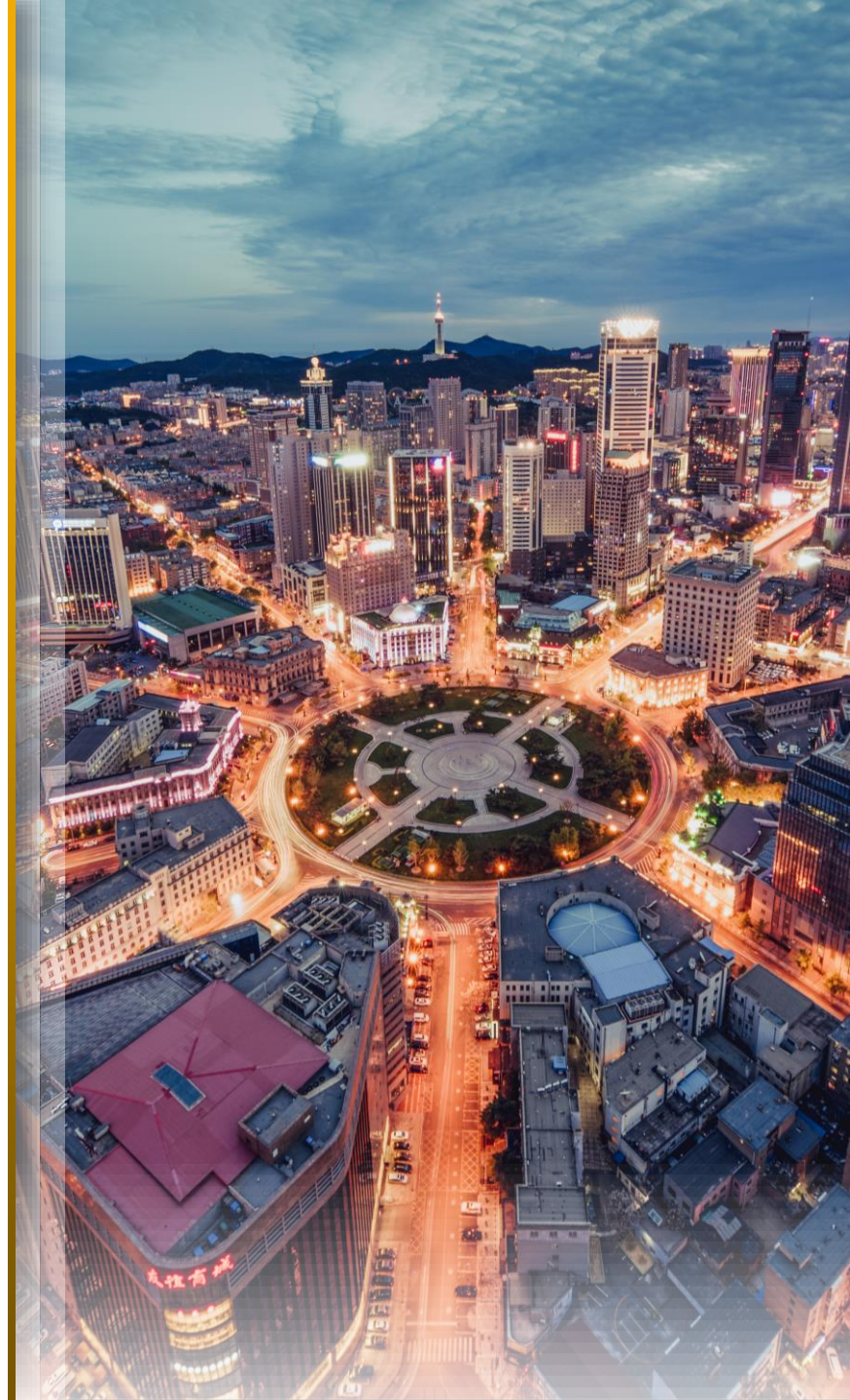Source: Oxford Economics study August 2020   1/12

1 | Big picture for SAP's integrated intelligent suite

2 | End-to-end business process Integration along suite qualities

3 | SAP Business Technology Platform incl. SAP Integrate Suite

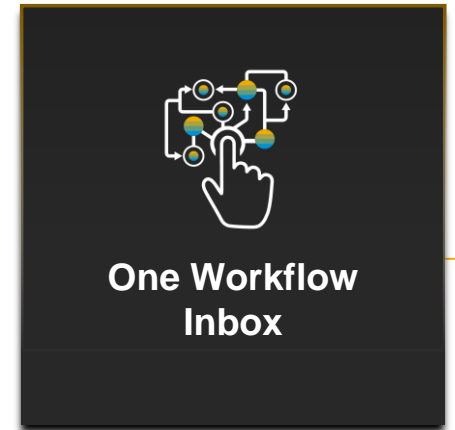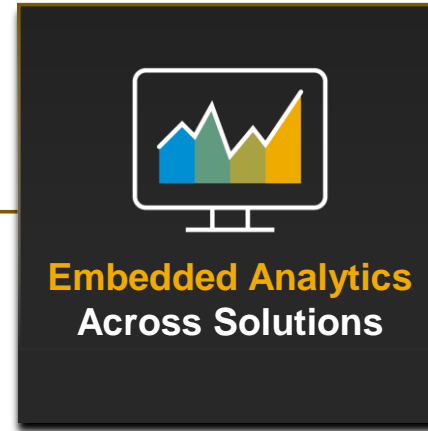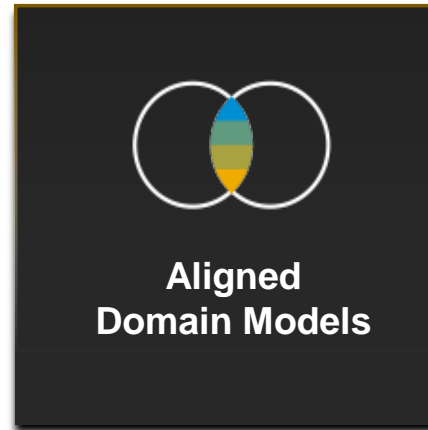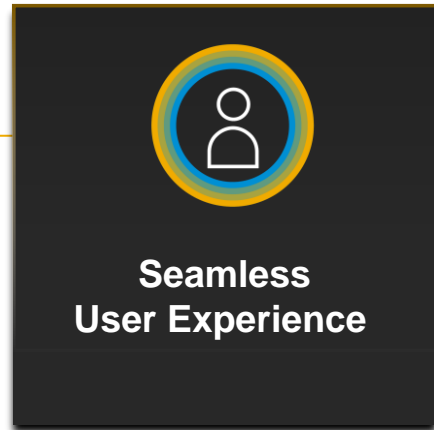**4** | SAP's cloud integration 2020 highlights and outlook for 2021

Integration strategy paper

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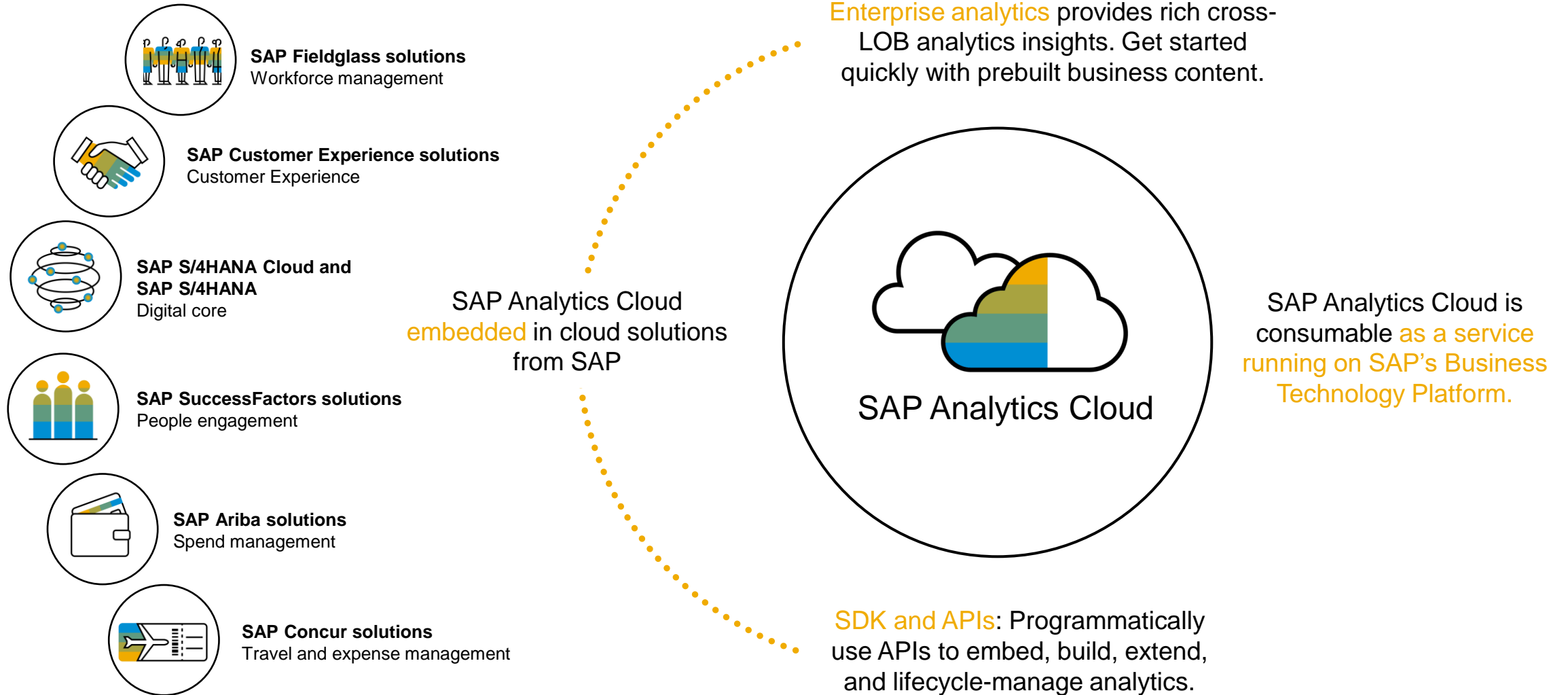
- **Key Take-Aways**

Suite Qualities – Consistent Experience Along End-to-End Key Processes

Seamless User Experience

Consistent Security & Identity Mgmt.

End-to-End Process Blueprints

Aligned Domain Models

Embedded Analytics Across Solutions

Coordinated Lifecycle Mgmt.

One Workflow Inbox

SAP Analytics in the intelligent enterprise

Powerful integration – Strong analytics insights

SAP Fieldglass solutions
Workforce management

SAP Customer Experience solutions
Customer Experience

**SAP S/4HANA Cloud and
SAP S/4HANA**
Digital core

SAP SuccessFactors solutions
People engagement

SAP Ariba solutions
Spend management

SAP Concur solutions
Travel and expense management

SAP Analytics Cloud
embedded in cloud solutions
from SAP

Enterprise analytics provides rich cross-LOB analytics insights. Get started quickly with prebuilt business content.

SAP Analytics Cloud

SAP Analytics Cloud is consumable as a service running on SAP's Business Technology Platform.

SDK and APIs: Programmatically use APIs to embed, build, extend, and lifecycle-manage analytics.

Why embed SAP Analytics Cloud in SAP applications?

Democratize analytics
Make state-of-art analytics available to every analytics user of SAP applications
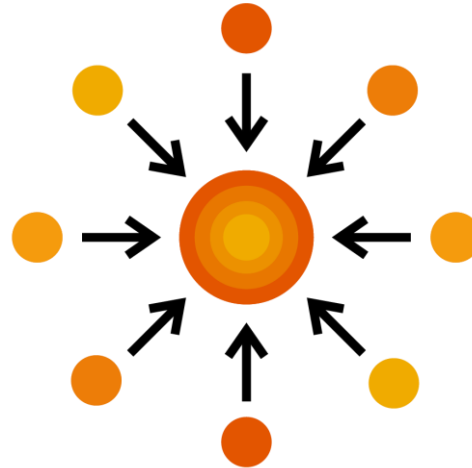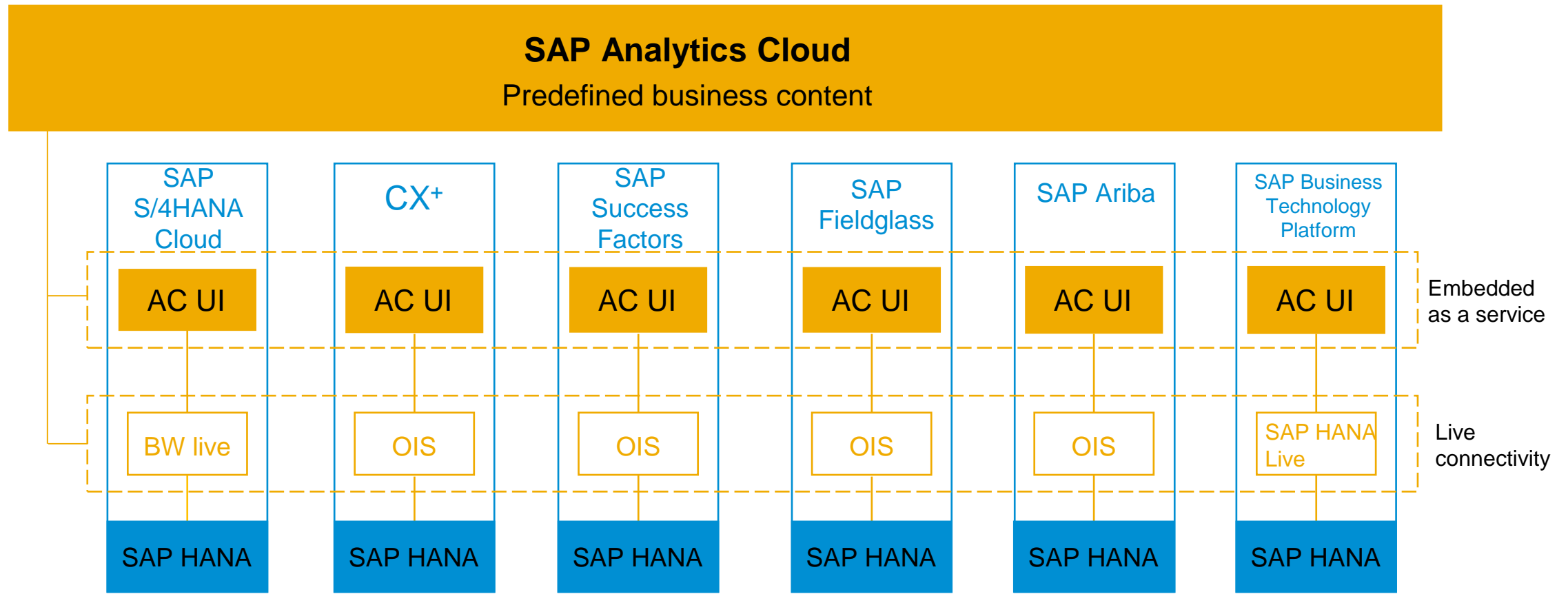
Harmonize analytics
Consistent analytics experience with SAP Fiori for analytics across all SAP applications
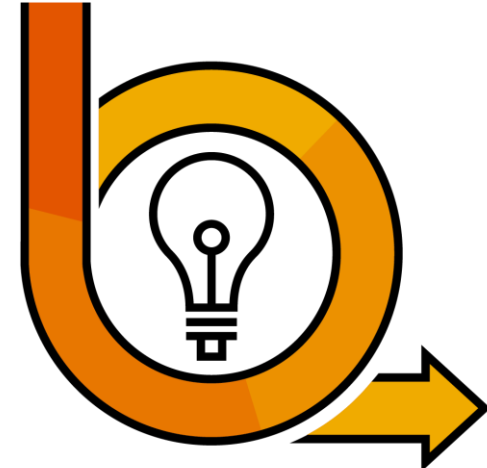
Contextualize analytics
Business-aware analytics in the context of every SAP application

SAP Analytics Cloud embedded in cloud solutions from SAP*

SAP Analytics Cloud

Predefined business content

SAP S/4HANA Cloud	CX⁺	SAP Success Factors	SAP Fieldglass	SAP Ariba	SAP Business Technology Platform	
AC UI	AC UI	AC UI	AC UI	AC UI	AC UI	Embedded as a service
BW live	OIS	OIS	OIS	OIS	SAP HANA Live	Live connectivity
SAP HANA	SAP HANA	SAP HANA	SAP HANA	SAP HANA	SAP HANA	

AC = SAP Analytics Cloud   OIS = OEM integration service   * Available according to road map   ⁺ Some CX applications

SAP SuccessFactors People Analytics

Embedded edition (formerly reporting)

- Live data from SAP SuccessFactors solutions

- Intelligent joins across modules

- Secure, role-based access

- People-centric data privacy and protection

- **GA** since Q2 2020

Tell compelling stories using a single solution with data from across the entire suite of SAP SuccessFactors solutions.
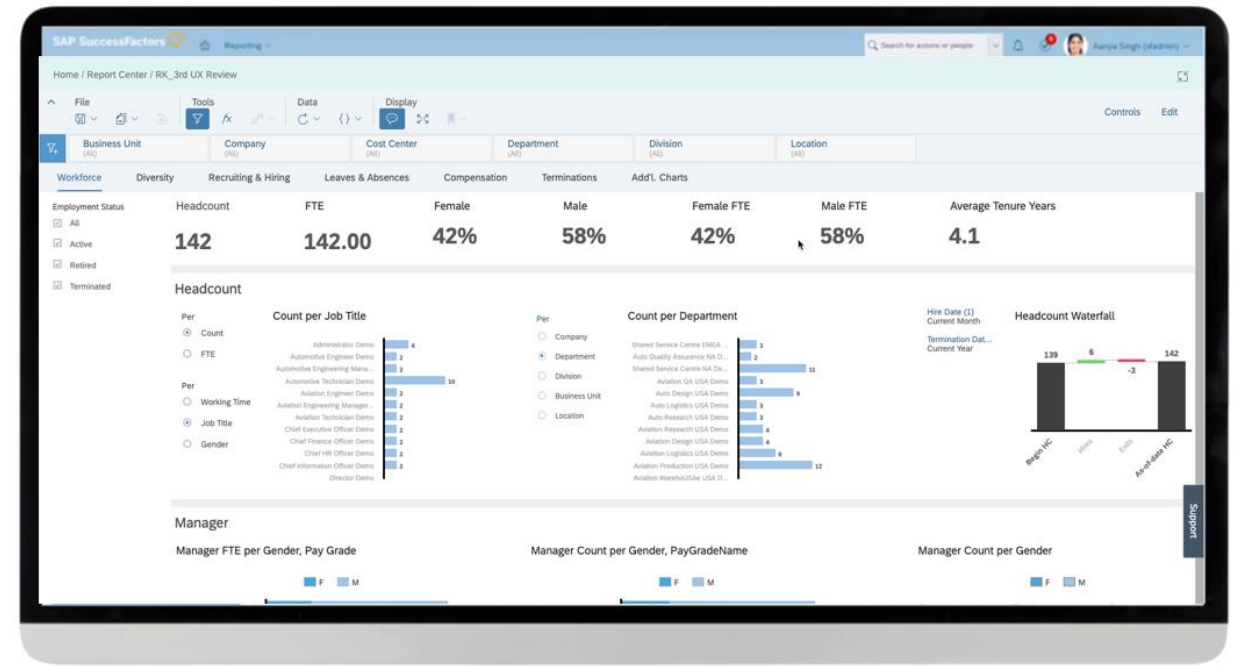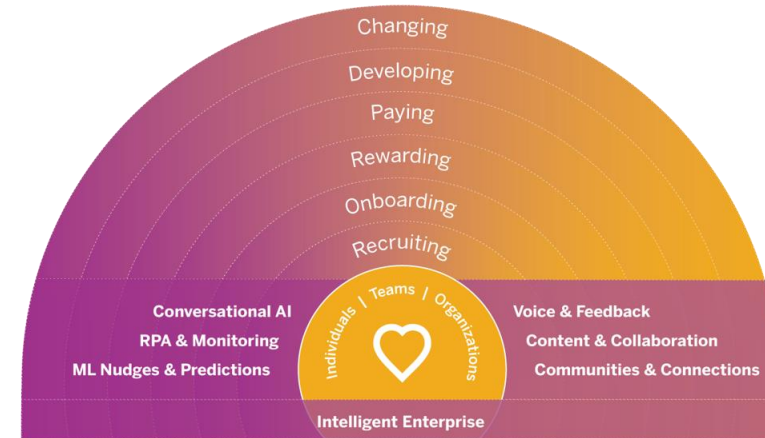
Demo

Embedding in SAP SuccessFactors

SAP SuccessFactors

Home

Search for actions or people

10

YoonHa Kim (sfadmin)

Home   Ask HR

To-Do

Finish Your Profile

6%

Complete
Due Anytime

Review Performance

5

Reviews
4 Overdue

Approve Requests

4

Requests

News

Business Beyond Bias
Develop a Diverse & Inclusive Workforce

Enterprise Alumni

My Team

Reward and

Performance Forms Overdue

Performance Form Status

Support

Demo

Embedding in SAP S4HANA Cloud

Disputes
Open Today

45.8 K

↻ now   USD

Group Data Analysis

Data Analyzer

Manage KPIs and Reports

Integrating SAP Analytics Cloud in SAP applications:
Embedded analytics and enterprise analytics
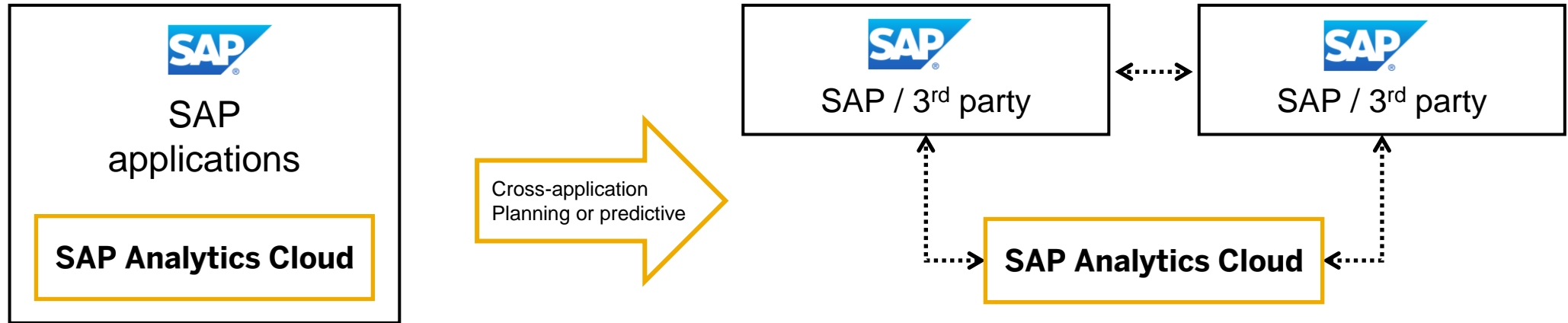
Embedded analytics

- SAP Analytics Cloud embedded into the UX and workflows of SAP and 3rd-party applications
- Live data access to the data of the embedding application exclusively (BI only, no planning/prediction or digital boardroom)
- Prebuilt application-specific analytics to support real-time decision-making within the business processes, supported by intent-based navigation *
- Automated provisioning of SAP Analytics Cloud tenant, configuration and connectivity, common user management / IDP
- Administrative aspects handled by embedding application with API calls; limited direct access to SAP Analytics Cloud UIs and functionality
- SAP applications: Included in application license 3rd party: With cloud credits
- Query builder and multitenancy support (for applications that leverage the OEM Integration service)

Enterprise analytics

- SAP Analytics Cloud provisioned stand-alone, full access to UIs and functionality:
  - Cross-application reporting, planning, prediction, and application building in SAP Analytics Cloud
  - Incorporating data from multiple SAP applications and/or third-party data sources (live and data acquisition)
- Prebuilt content by SAP and 3rd parties available in analytics content network
- Administrative aspects incl. connection of SAP and non-SAP data sources handled by administrator using SAP Analytics Cloud UX
- Enterprise analytics can coexist with embedded analytics and access data from embedding applications.
- SAP Analytics Cloud license model applicable

* available for some applications

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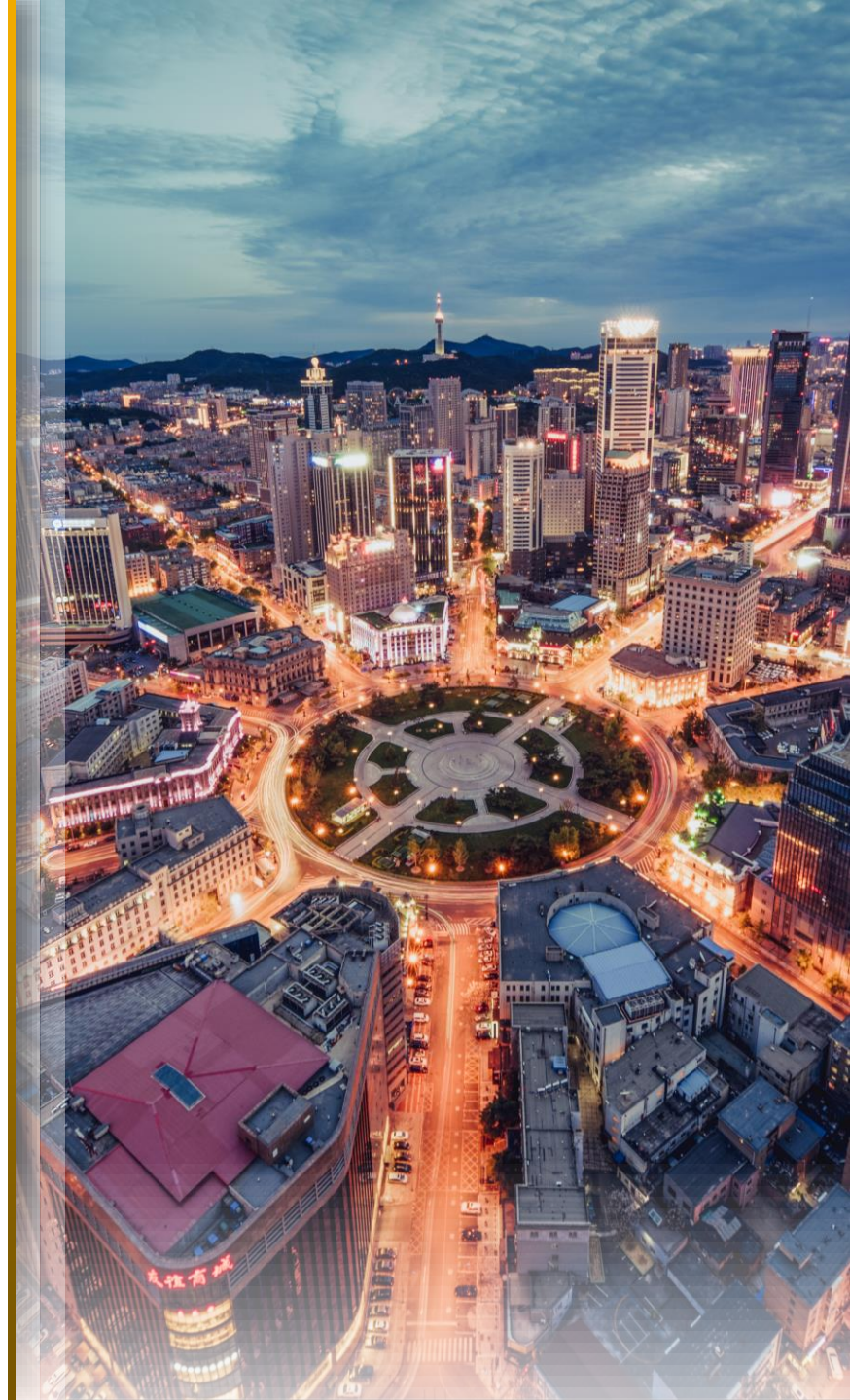
Why SAP Analytics Cloud, embedded edition?

To provide a smooth development experience both commercially and technically by delivering **SAP Analytics Cloud, embedded edition,** under SAP Cloud Platform Enterprise Agreement (SAP Cloud Platform EA) as a reusable **service running on SAP Business Technology Platform**

Steps to use SAP Analytics Cloud, embedded edition

Solution architecture
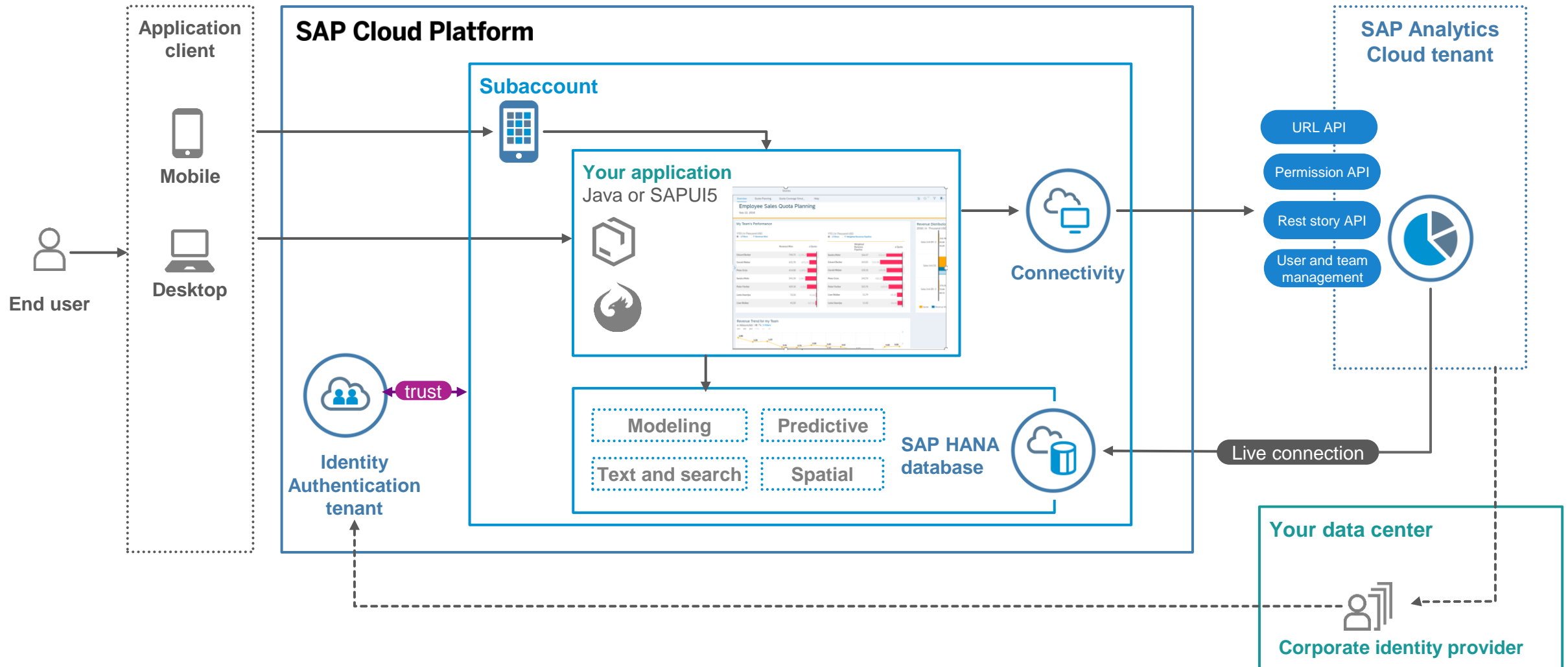
Scale out from embedded to cross-analytics in the intelligent enterprise

Direct access → Query blending → Data federation → Data consolidation

Embedded (SAP Analytics Cloud)	Blending (SAP Analytics Cloud)	Federation (SAP Data Warehouse Cloud)	Consolidation (SAP Data Warehouse Cloud)

Embedded (SAP Analytics Cloud)
- Single LoB
- Embedded SAP Analytics Cloud
- Direct live access to primary data
- LoB-specific SAP Analytics Cloud applications
- Content: Embedded analytics in SAP S/4HANA Cloud

Blending (SAP Analytics Cloud)
- Multiple LoBs
- Stand-alone SAP Analytics Cloud
- Query push-down with linked dimension
- Cross-LoB SAP Analytics Cloud applications
- Content: Touchpoint NPS in Sales and Service

Federation (SAP Data Warehouse Cloud)
- Cross-LoB data models
- SAP Analytics Cloud + SAP Data Warehouse Cloud
- Federated live access to primary data
- Optional: Extraction, 3rd-party data
- Content: CFO dashboard

Consolidation (SAP Data Warehouse Cloud)
- Consolidated models
- SAP Analytics Cloud + SAP Data Warehouse Cloud
- Periodic data extraction (w/ delta)
- Live access to consolidated data
- For example, CX analytics solution

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SAP Analytics Cloud Embedded Status
Status as of April 2021 – Product Plans are Subject to Change

SuccessFactors HXM Suite

| Core HR | Learning | Planned Future |
| Talent Mgt | Payroll | Planned Future |

Customer Experience

aka CX

| Marketing | Commerce |
| Sales | Service |
| Commissions |

Available for C4C Service
Currently in Restricted GA
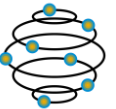
S/4HANA Cloud

All Modules

Spend

Fieldglass	Concur	Planned Future
	Ariba Network	Planned Future
	Ariba Apps	Planned Future

SAP Analytics Cloud Embedded Edition

SAC Embedded Status

Available

Planned

Not Planned

Key Take-Aways | **Call to Action**

Your Path to Becoming an Integrated Intelligent Enterprise

1 **EXPLORE SAP's Public Websites**
Embedded in sapanalytics.cloud and sap/products
SAP Analytics Cloud APIs in SAP API Business Hub
SAP Analytics Cloud embedded in SAP application road map in the SAP Road Map Explorer
Cross-analytics front-runner video
Integration of S/4HANA On Premise with SAP Analytics Cloud blog

2 **ENGAGE with the SAP Community**
Visit the topic page **SAP Integration Strategy** and **SAP Analytics Cloud** to find related blogs and ask questions

3 **LEARN MORE about the key technologies and concepts**
Join the **webinars** about SAP's Integration strategy

4 **DISCOVER SAP's Integration Strategy**
Check out the updated paper **Intelligent Enterprises Are Integrated Enterprises**

Thank you.

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