

# SAP Integration Strategy

## Intelligent Enterprises are Integrated Enterprises

Dr. Michael Ameling, Head of Intelligent Enterprise Program, SAP  
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PUBLIC

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# Agenda

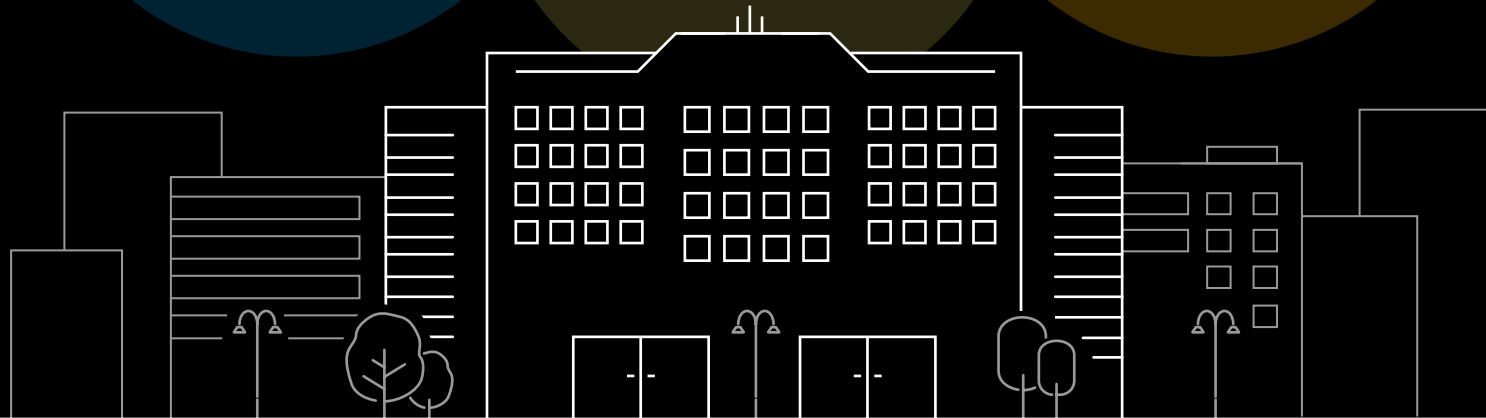
Intelligent Enterprise

Integration Strategy

Integration Guidance

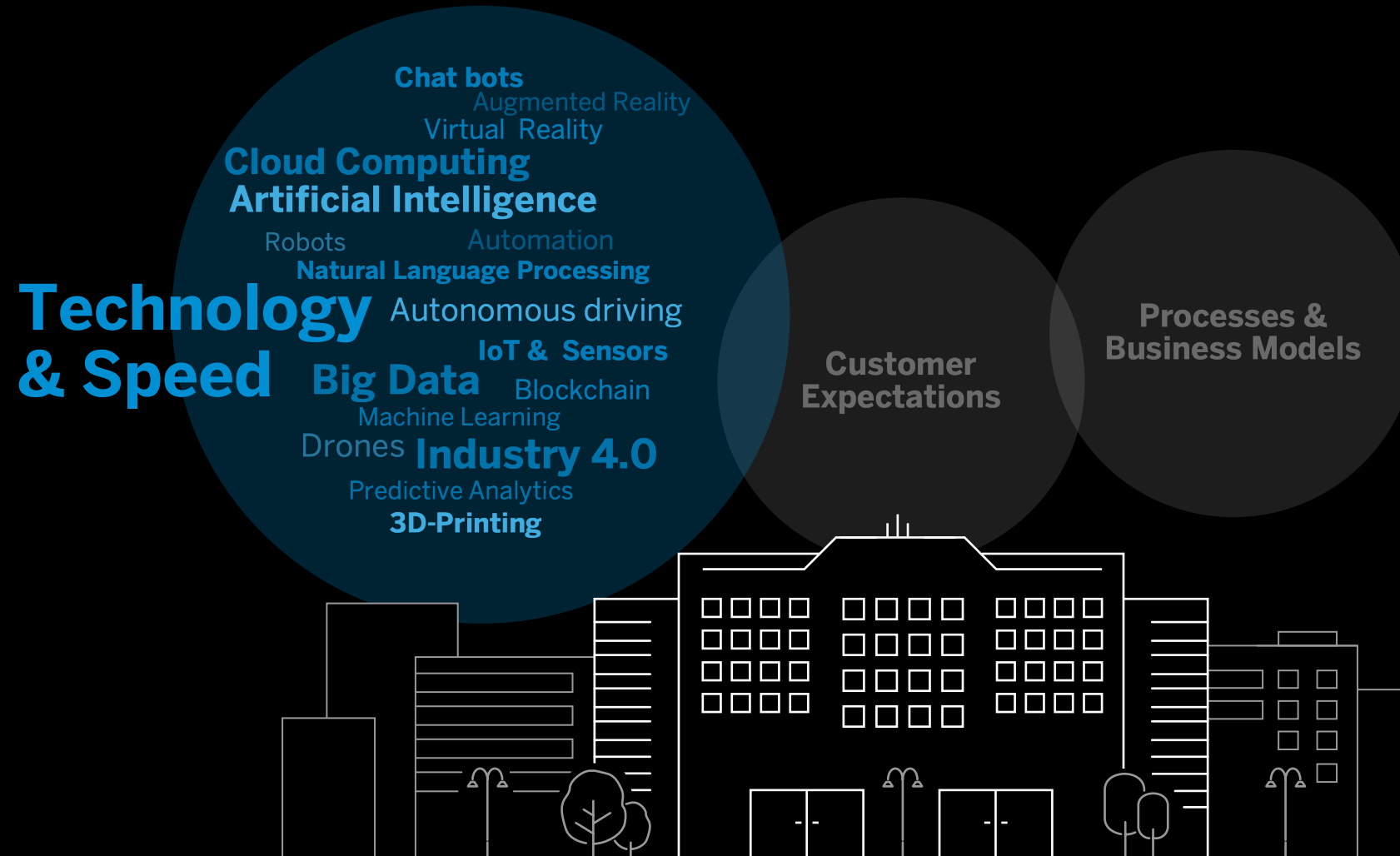
Summary and Roadmap

# Digitalization Today

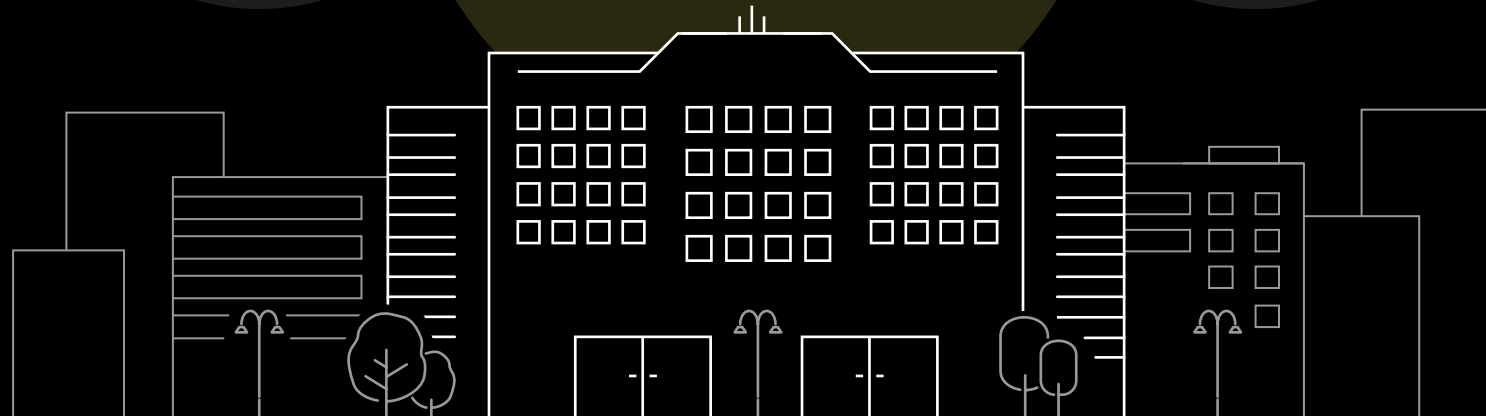




# Digitalization Today



# Digitalization Today



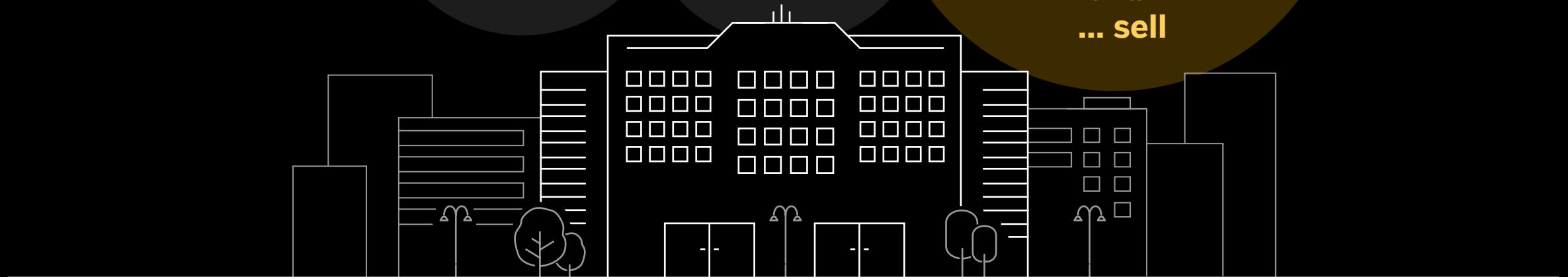
# Digitalization Today

Technology &  
Speed

Customer  
Expectations

**Processes & Business Models  
change everything ...**

... predict    **... analyze**  
... shop  
... **communicate**  
... produces    **... pay**  
... maintain  
... **sell**



# Why we need an **Integrated** Enterprise?

**growth**



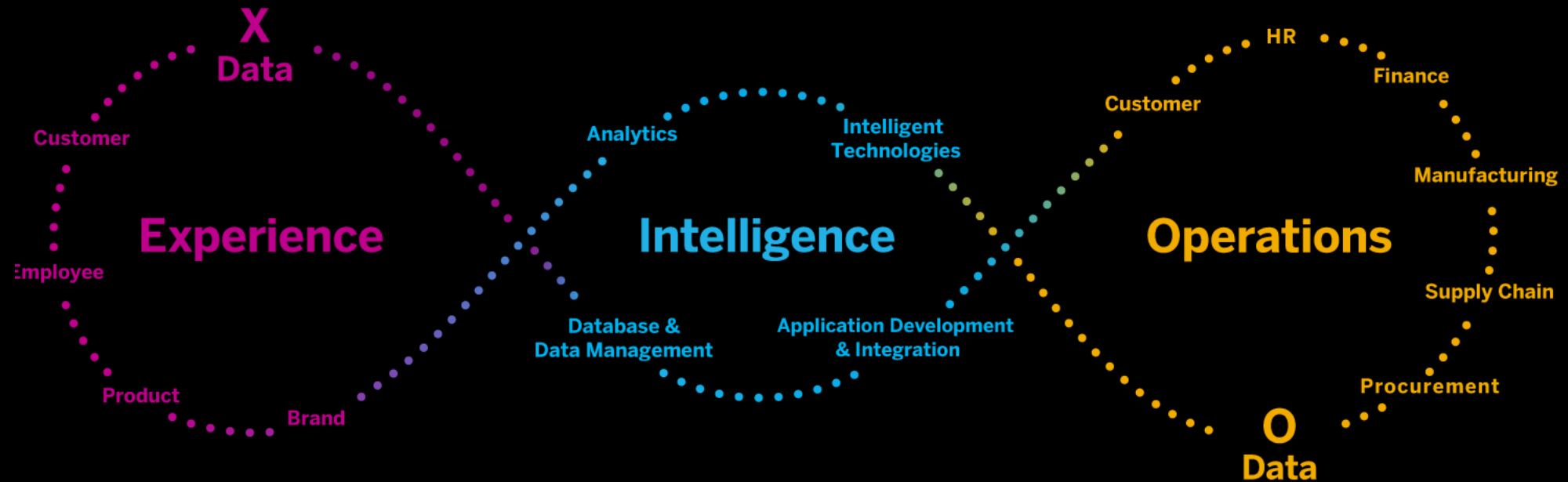
**efficiency**



**trust**



# The Platform for Intelligent Enterprises



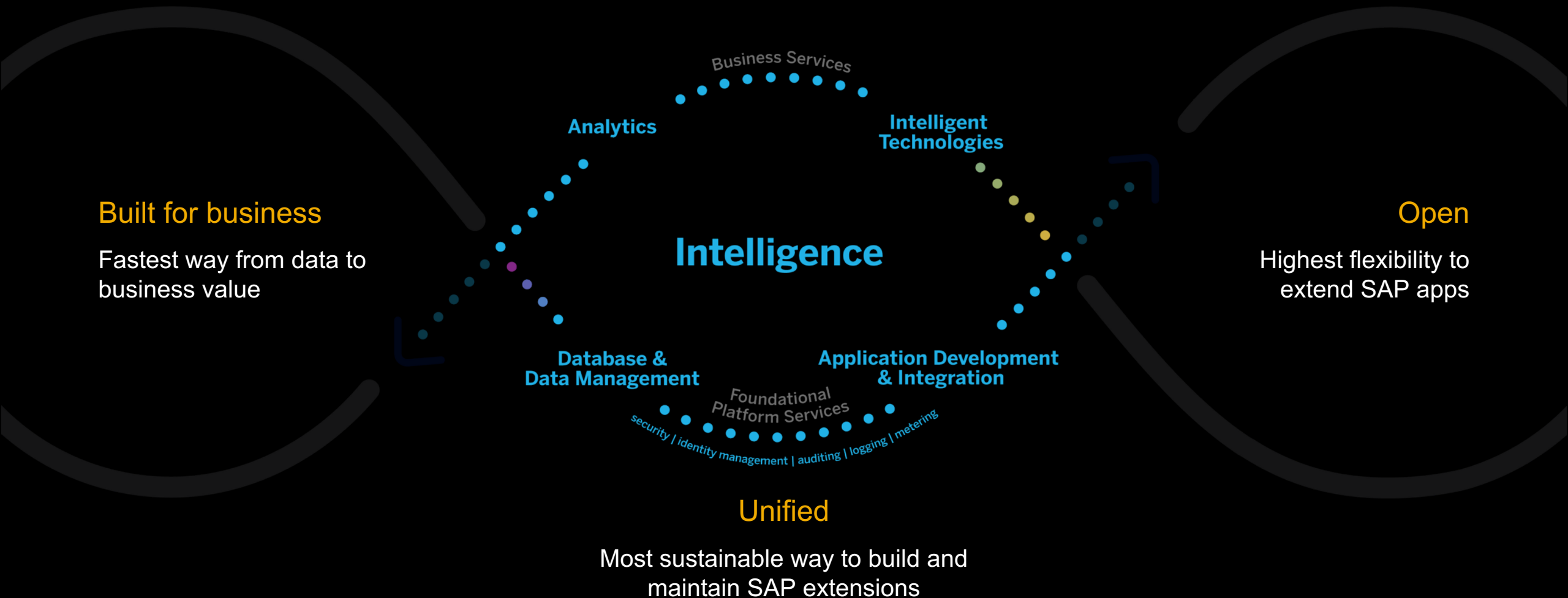
**85%**

market standards to optimize  
for speed and simplicity

**15%**

differentiation to extend and  
transform the business

# What makes the Business Technology Platform different?

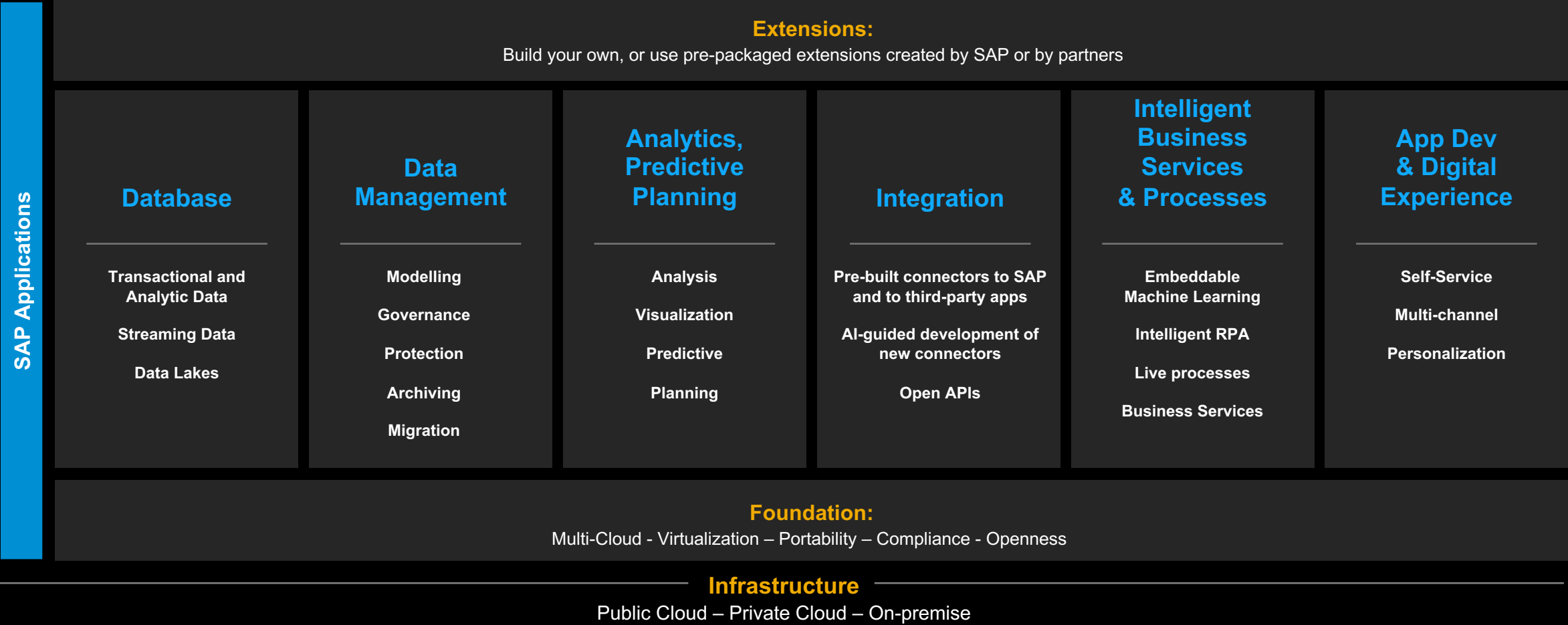


# Business Technology Platform

**CONFIDENT**  
Decisions with Integrity

**CONNECTED**  
Processes and Experiences

**CONTINUED**  
Business Innovation



Microsoft Azure



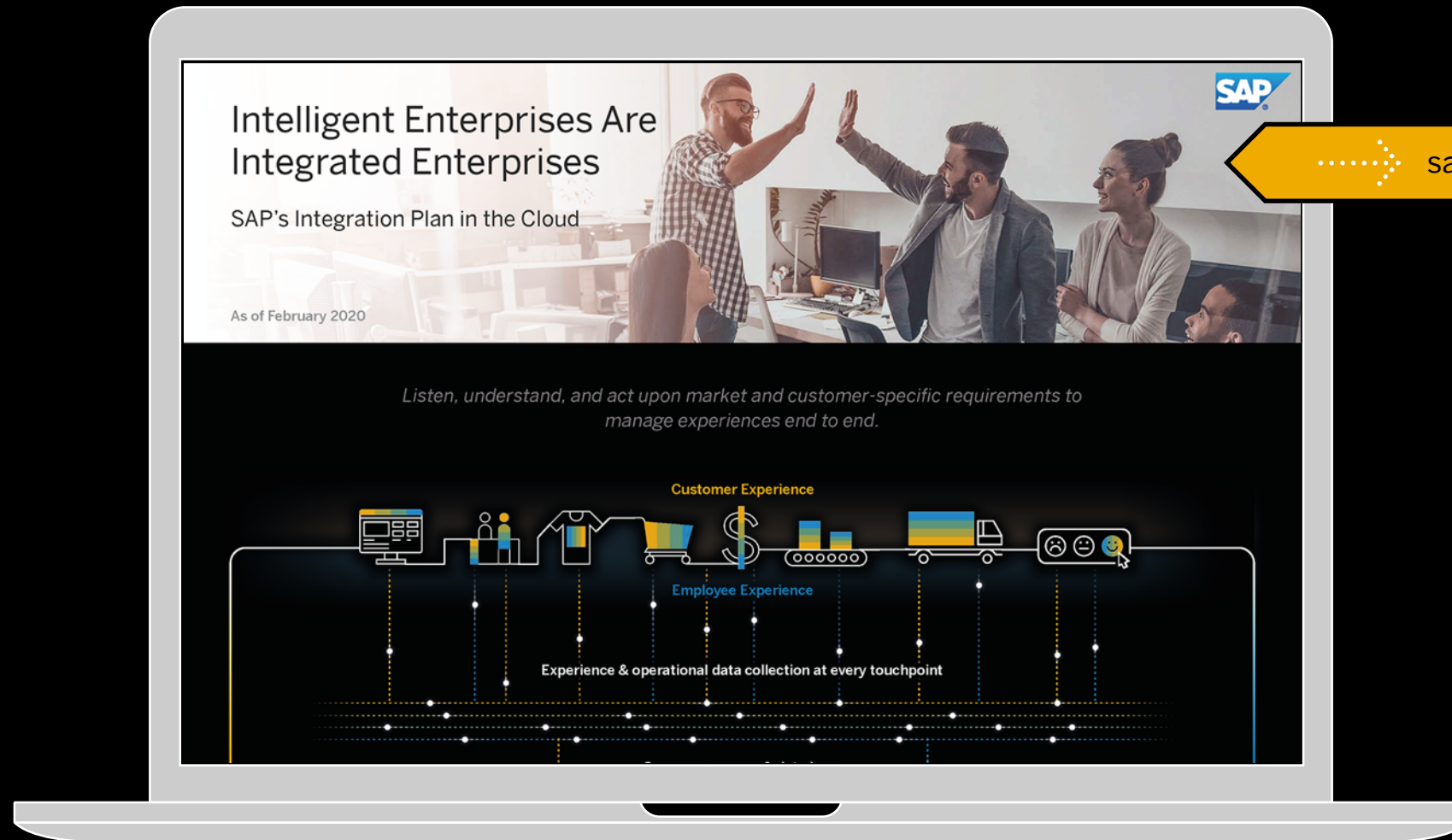
Google Cloud



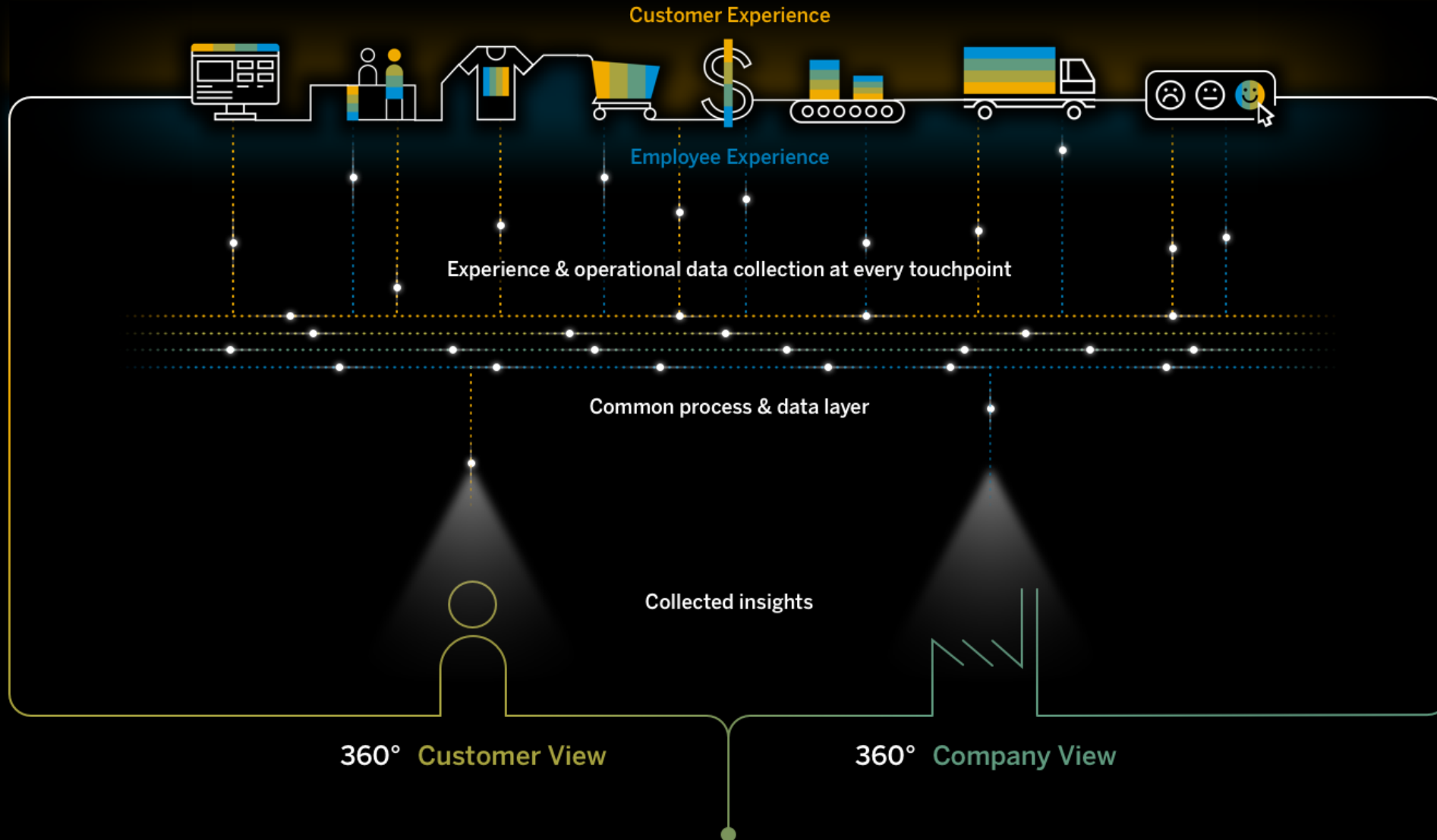
## Integration Strategy



# Integration Strategy Paper



# The Intelligent Enterprise – Winning in the Experience Economy



# Intelligent Enterprise Are Integrated Enterprises

## INTELLIGENT ENTERPRISE BUSINESS SCENARIOS



Lead to Cash  
Customer



Source to Pay  
Finance & Procurement



Recruit to Retire  
Human Resources



Design to Operate  
Manufacturing & Supply Chain

More Processes

## Business Applications

## SUITE QUALITIES

Seamless user  
experience



Harmonized look & feel and navigation patterns

One workflow  
inbox



Central task management

End-to-end process  
blueprints



Implementable reference architectures

Aligned domain  
models



Aligned business objects across applications

Consistent security  
& identity mgmt



Central identity provisioning & authentication

Coordinated  
lifecycle mgmt



Harmonized provisioning, setup & operations

Embedded & cross-product analytics



Holistic 360° business and customer view

# Integration Principles for SAP's Integrated Intelligent Suite

1

## OUT-OF-THE-BOX INTEGRATION



### SAP to SAP

Integrated mission-critical  
business processes

2

## OPEN INTEGRATION



### SAP to Non-SAP

APIs and 160+ connectors for  
third parties & extensions

3

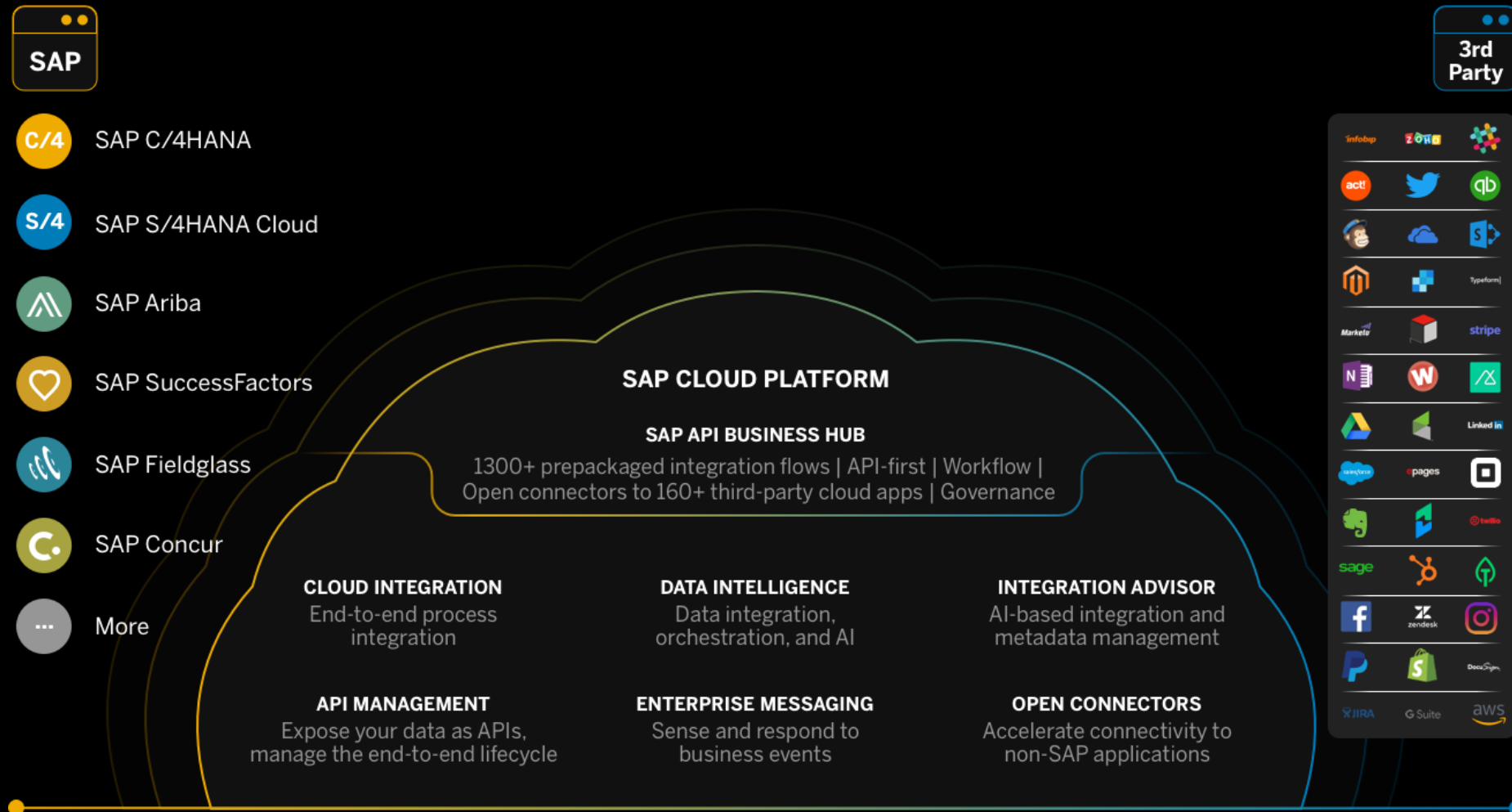
## AI-DRIVEN INTEGRATION



### Artificial Intelligence

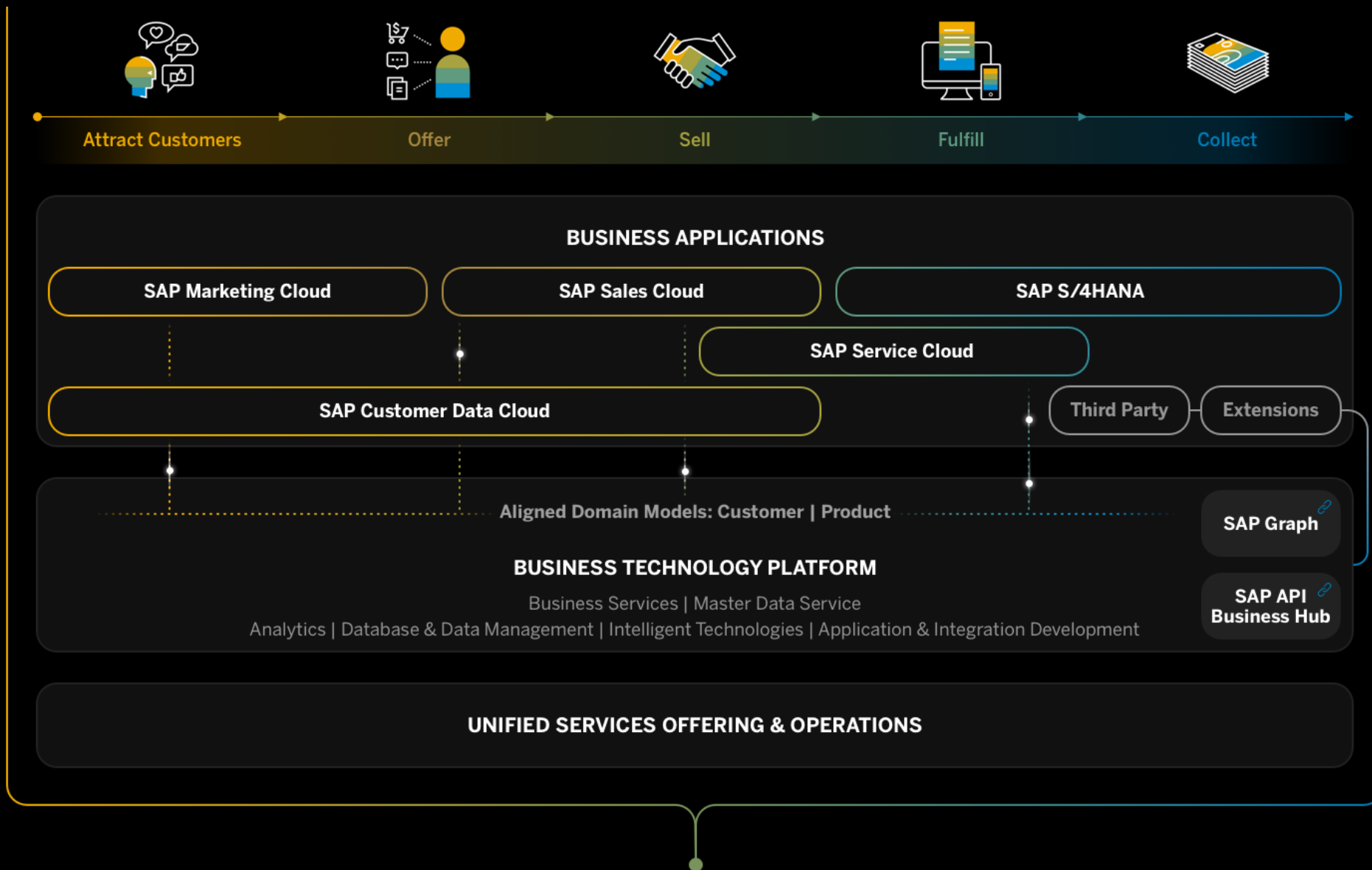
Simplified integration  
development

# Integration Options with **SAP Cloud Platform Integration Suite**



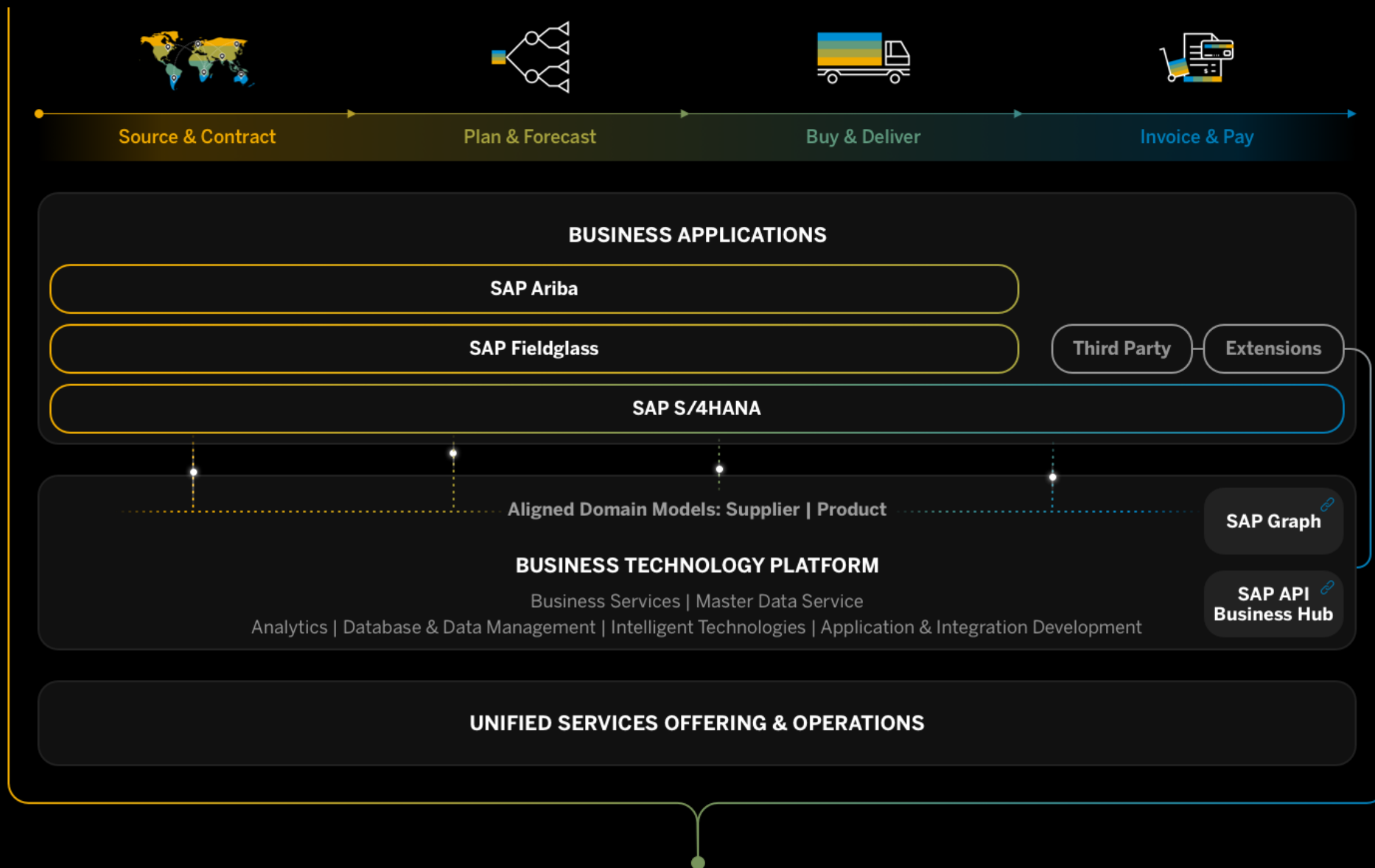
# Lead to Cash

## Customer Experience



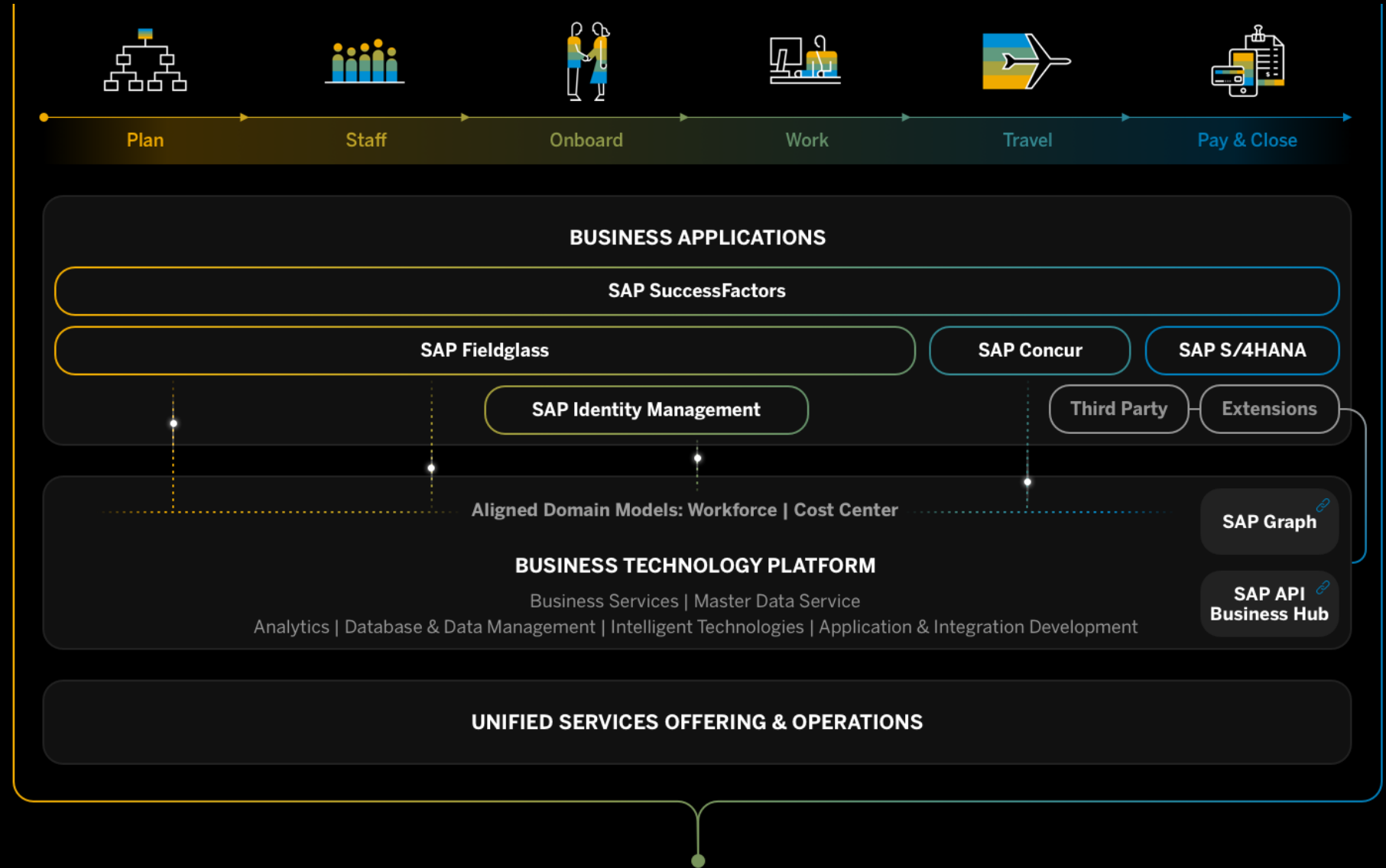
# Source to Pay

Finance and Procurement



# Recruit to Retire

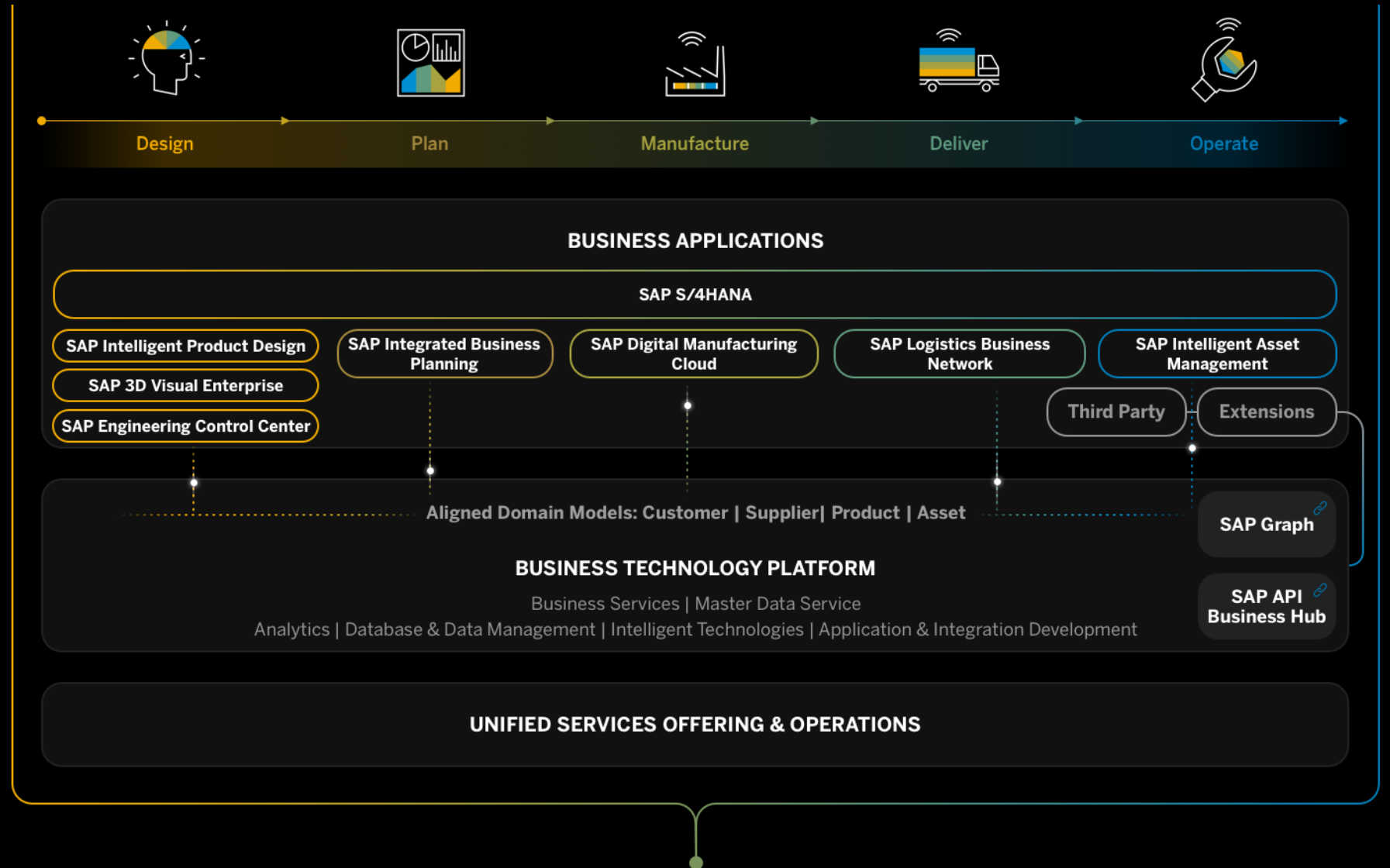
## Human Resources





# Design to Operate

## Manufacturing & Supply Chain



# Suite Qualities for the Intelligent Enterprise

## SUITE QUALITIES

**Seamless** user  
experience



Harmonized look &  
feel and navigation  
patterns

**One** workflow  
inbox



Central task  
management

**End-to-end** process  
blueprints



Implementable  
reference  
architectures

**Aligned** domain  
models



Aligned business  
objects across  
applications

**Consistent** security  
& identity mgmt



Central identity  
provisioning &  
authentication

**Coordinated**  
lifecycle mgmt



Harmonized  
provisioning, setup  
& operations

**Embedded & cross-**  
**product** analytics



Holistic 360°  
business and  
customer view

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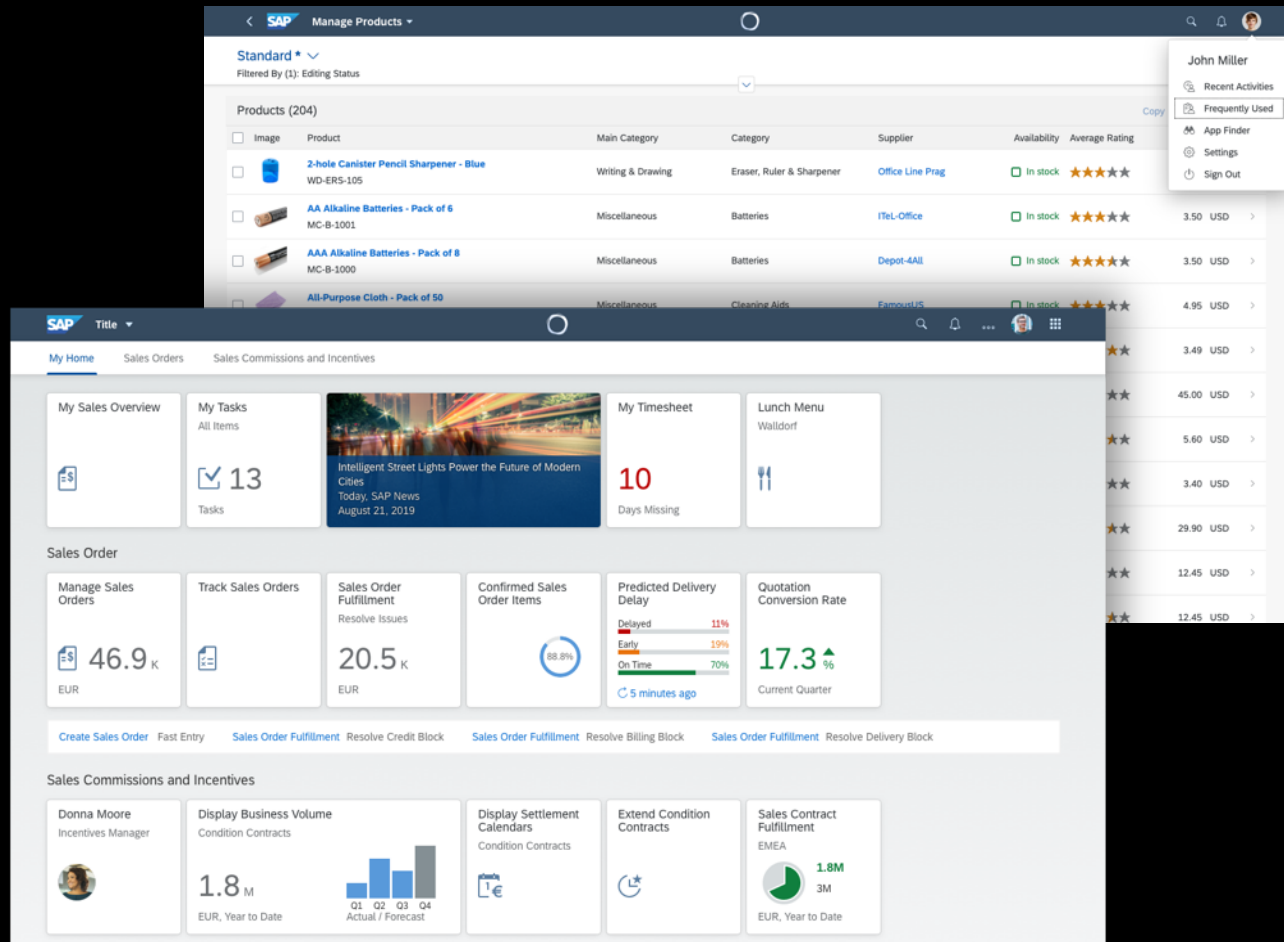
Harmonized  
provisioning, setup  
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**Embedded & cross-**  
**product** analytics



Holistic 360°  
business and  
customer view

# Seamless User Experience



## Customer Pain Point

- Different look and feel of user interfaces leads to interruption during execution of business tasks.

## Target

- Consistent User Experience Across the Intelligent Suite

# Lead to Cash

Cloud

Home Setup / 14 Step / Desktop PC / Build Desktop computer

Build your desktop computer

Next

Form & Faktor

Go to next step

Select Processor

AMD Ryzen 3600 (\$149.00)

AMD Ryzen 3600X (\$169.00)

Intel Core i3-10100 (\$69.00)

Intel Core i5-10200 (\$99.00)

Intel Core i7-10700 (\$169.00)

Intel Xeon E-2278 (\$199.00)

Intel Core i3-10100 (\$69.00)

Intel Core i5-10200 (\$99.00)

Intel Core i7-10700 (\$169.00)

Intel Xeon E-2278 (\$199.00)

Select Memory

8 GB DDR4-3200 (\$19.00)

16 GB DDR4-3200 (\$39.00)

32 GB DDR4-3200 (\$79.00)

8 GB DDR4-3200 (\$19.00)

16 GB DDR4-3200 (\$39.00)

32 GB DDR4-3200 (\$79.00)

Select Hard Drive

1 TB HDD (\$19.00)

2 TB HDD (\$39.00)

4 TB HDD (\$79.00)

1 TB HDD (\$19.00)

2 TB HDD (\$39.00)

4 TB HDD (\$79.00)

Select CD or DVD

CD-RW (\$19.00)

DVD-RW (\$19.00)

Blu-ray (\$19.00)

CD-RW (\$19.00)

DVD-RW (\$19.00)

Blu-ray (\$19.00)

Configuration Summary

Configuration Tree

Part Number	BMPL
Base Price	\$485.00
Base MISC Price	\$0.00
Items	NVIC
Project Start Date	30/09/19
Project End Date	08/10/19
Total	\$485.00

SAP

Kampagnendetails

Beenden

Alle Vorgänge

Lead Campaign Today

Einmalig

ID: 310

Verantwortlicher: Peter Parker

Marketingbereich: Global

Status: Freigegeben

Ausführung: Beendet

Zielgruppe: 1

Übersicht

Automatisierung

Zielgruppe

Performance

Ausgaben

Inhalt

Zusammenfassung

Beachten

Diagram

Lead Campaign Today

Zielgruppe TO\_Turbo\_Basis 1 Mitglieder

LEAD ANFANG Lead\_Turbo

Übersicht

Ausführung

Marketing


# One Workflow Inbox

## Central Task Management Across Business Applications

SAP SuccessFactors 

SAP S/4HANA Cloud
















SAP Fieldglass 



**My Tasks**

126 | 101 Activities | 7 Timeoff | 4 Travel | 3 Trainings | 5 Awards | 4 Time Sheets

Work Items (122)

	Priority	Name	Created by	Created on	Due on	Source	Status	
<input type="checkbox"/>		Time Off for Michael Bauers	 Michael Bauers	Jan 2, 2019, 11:20 AM	Jan 22, 2019	Success Factors	Ready	<a href="#">Approve</a>
<input type="checkbox"/>		P&I DPMS Basic Training	 Denise Smith	Jan 2, 2019, 11:20 AM	Jan 7, 2019	Success Factors	Ready	<a href="#">Start</a>
<input type="checkbox"/>		Time Off for Anthony Page	 Chen Bar	Jan 2, 2019, 11:20 AM	Jan 22, 2019	Success Factors	Ready	
<input type="checkbox"/>		Employee Time Sheet for Jane Russ	 Jane Russ	Jan 2, 2019, 11:20 AM	Jan 22, 2019	S/4	Ready	<a href="#">Approve</a>
<input type="checkbox"/>		Contingent Time Sheet for Larry Davis	 Viola Gains	Jan 2, 2019, 11:20 AM	Jan 21, 2019	Fieldglass	Ready	<a href="#">Approve</a>
<input type="checkbox"/>		Contingent Time Sheet for Helen Duval	 CC Chester Copperpott	Jan 2, 2019, 11:20 AM	Jan 22, 2019	Fieldglass	Ready	<a href="#">Approve</a>
<input type="checkbox"/>		Spot Award for Stephanie Thorn	 Michael Bauers	Jan 2, 2019, 11:20 AM	Jan 22, 2019	Success Factors	Ready	<a href="#">Approve</a>
<input type="checkbox"/>		Pay change < 5% for April Kenedy	 Chen Bar	Jan 2, 2019, 11:20 AM	Jan 22, 2019	Success Factors	Ready	
<input type="checkbox"/>		Time Off for David Webb	 David Webb	Jan 2, 2019, 11:20 AM	Jan 21, 2019	Success Factors	Ready	<a href="#">Approve</a>
<input type="checkbox"/>		Contingent Time Sheet for Neil Anderson	 CC Chester Copperpott	Jan 2, 2019, 11:20 AM	Jan 22, 2019	Fieldglass	Ready	<a href="#">Approve</a>

### Customer Pain Point

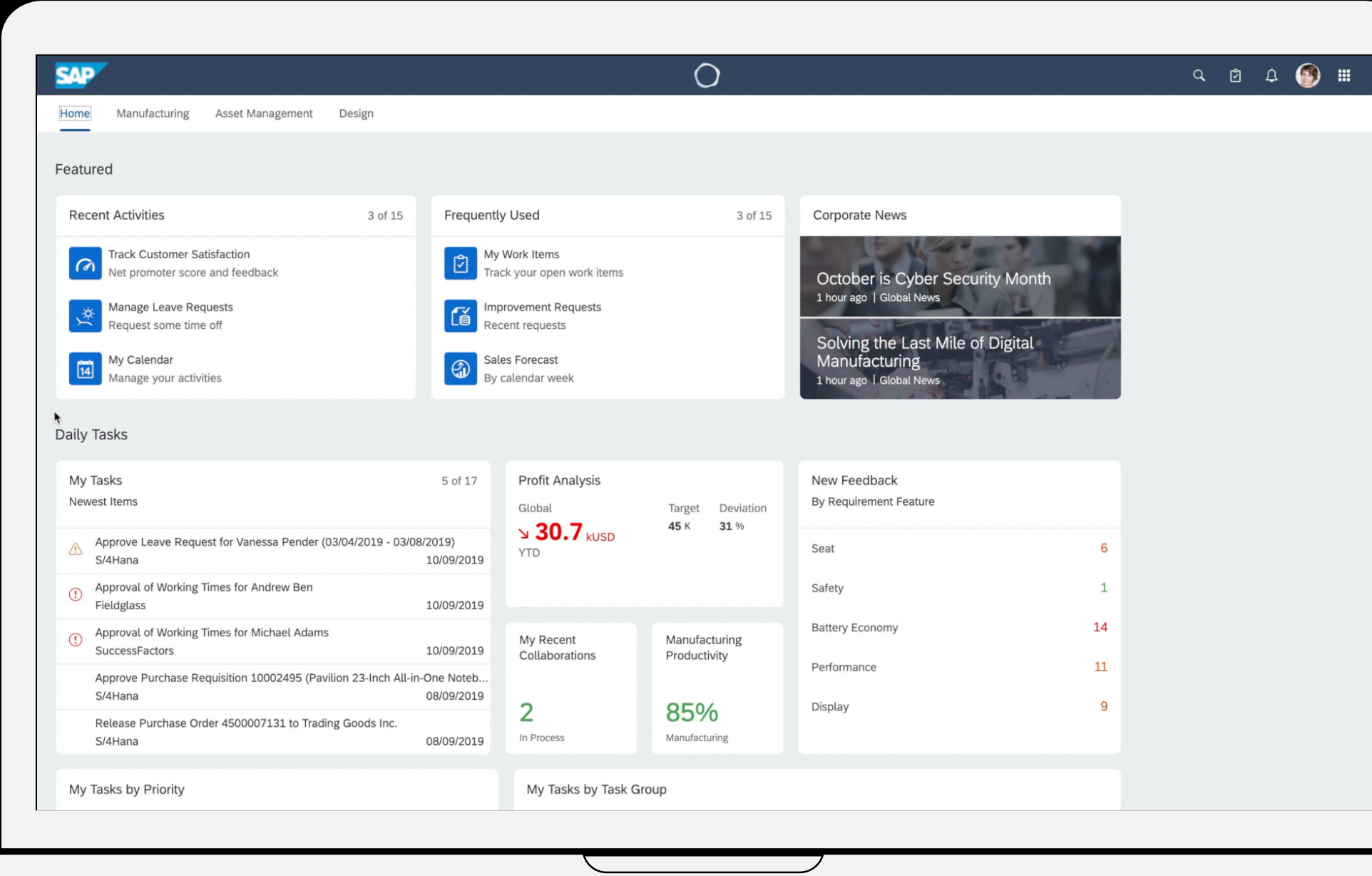
- Multiple inboxes for the same user

### Target

- Federation from tasks across the Intelligent Suite
- Navigation into target applications
- My Tasks app for use with Central Fiori Launchpad
- Public APIs for 3<sup>rd</sup> Party Integration

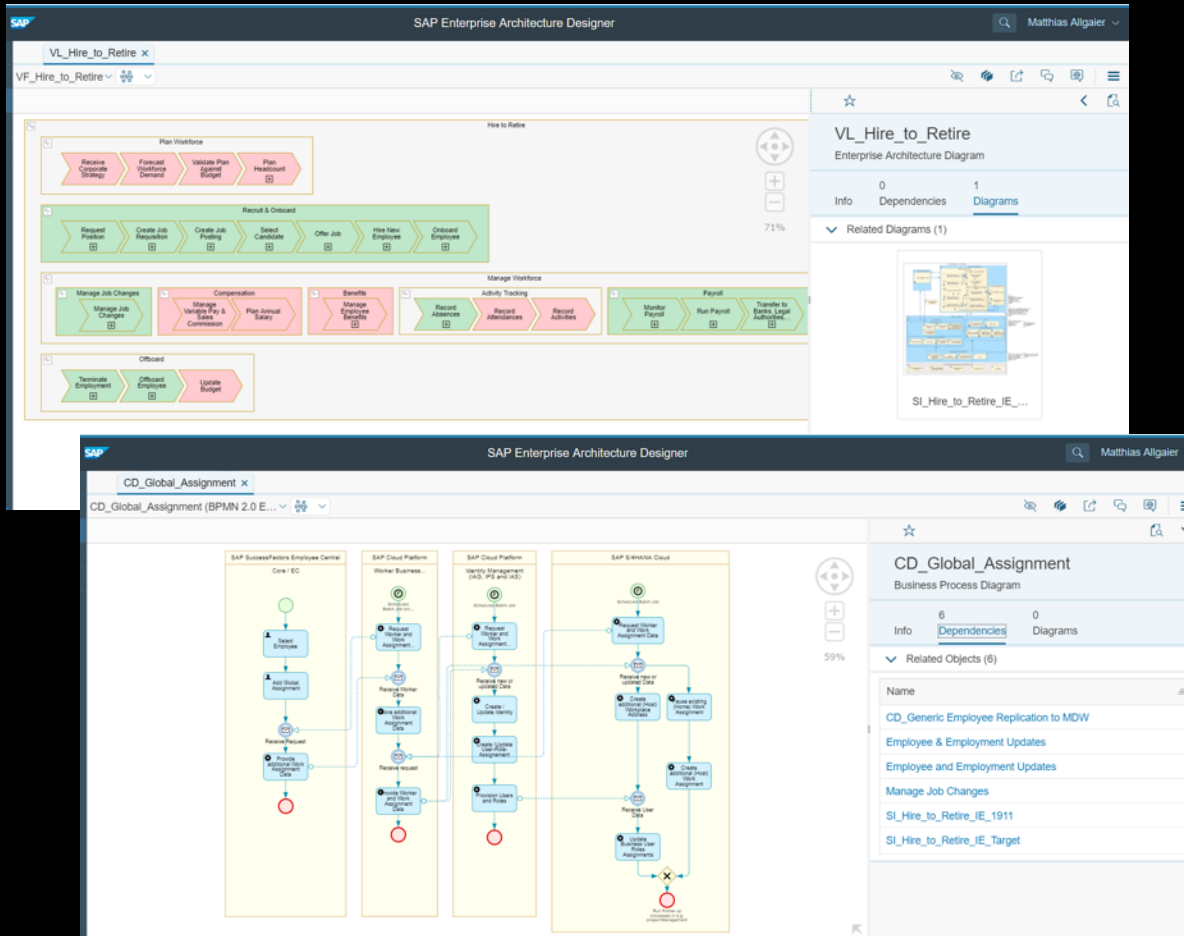
# One Workflow Inbox

lab preview



# End-to-End Process Blueprints

## E2E Business Process Architecture for the Intelligent Enterprise



Example: Total Workforce Management – Hire to Retire

### Use Cases

- Explore how E2E scenarios decompose into applications, modules, business services, technologies and integrations
- Map out the roadmap to adopt the solution and transition from current solution landscape to target

### Sample Diagrams

- Value Flow
- Scenario Implementation
- Software Product Collaboration

Demo: Business Scenarios in  
API Business Hub (Lab  
Preview)



# SAP API Business Hub

**SAP API Business Hub** [Getting Started](#) [API Cockpit BETA](#) [Community](#) [Partner With Us](#) Hi Christof


## SAP API Business Hub

Discover and consume digital content packages with APIs, pre-packaged integrations, and sample apps from SAP and select partners

### Business Processes

Sort By: Recently Updated


Explore all SAP reference business processes.



#### Quote to Order

Quote to Order is a subprocess of the Lead to Cash scenario. It covers the quotation process as well as the follow up process of creating and distributing a


Business Activities 0.1K+



#### Travel to Reimburse

Make Intelligent Spend Decisions - From Travel to Reimbursement


Business Activities 0.1K+



#### Source to Pay

Source to Pay is a process that starts with selecting, negotiating with, and contracting the supplier of goods, and ordering and receiving these goods.

Business Activities 0.1K+



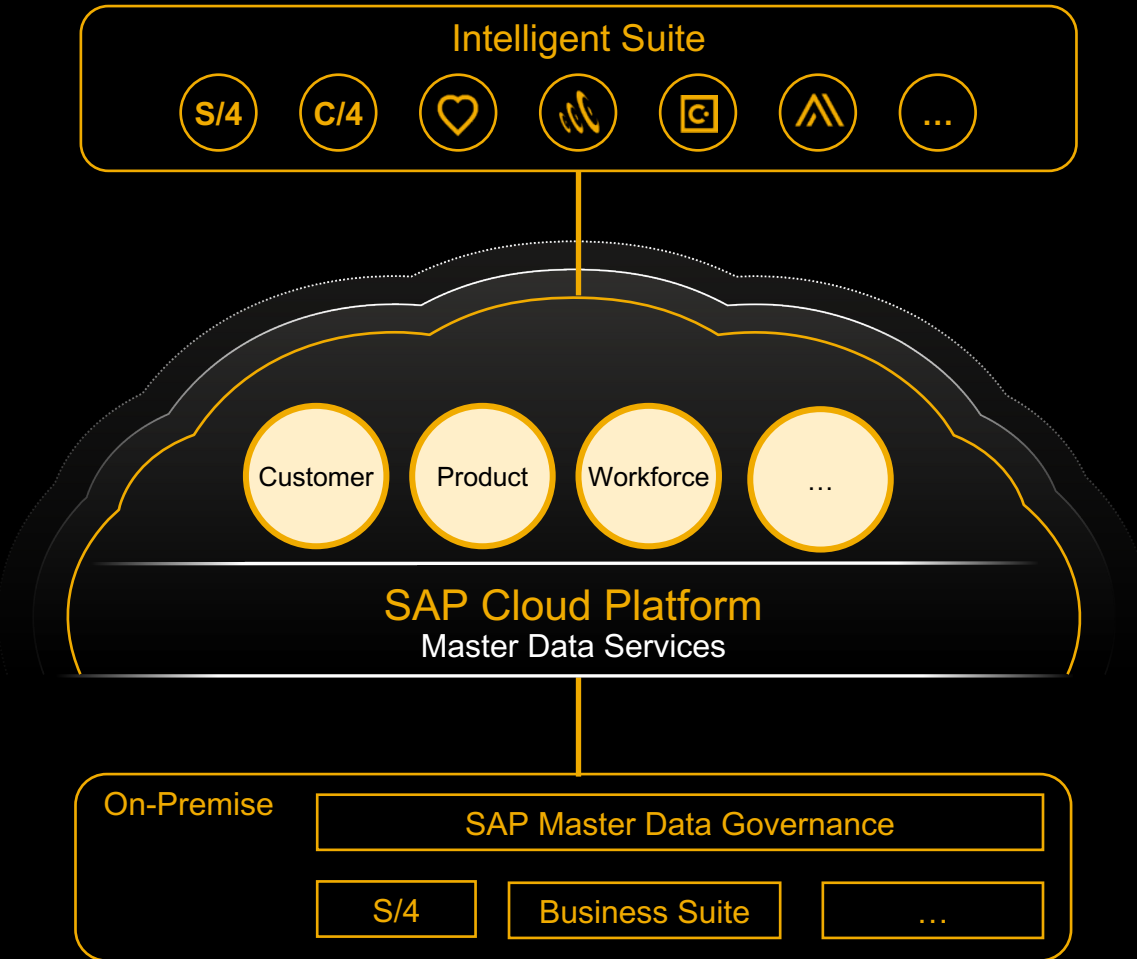
#### Hire to Retire

Within the Total Workforce Management the Hire to Retire package describes the subprocesses concerning internal employees

Business Activities 0.1K+

# Aligned Domain Models

## Intelligent Sharing of Master Data in the Cloud (Lab Preview)



### Customer Pain Point

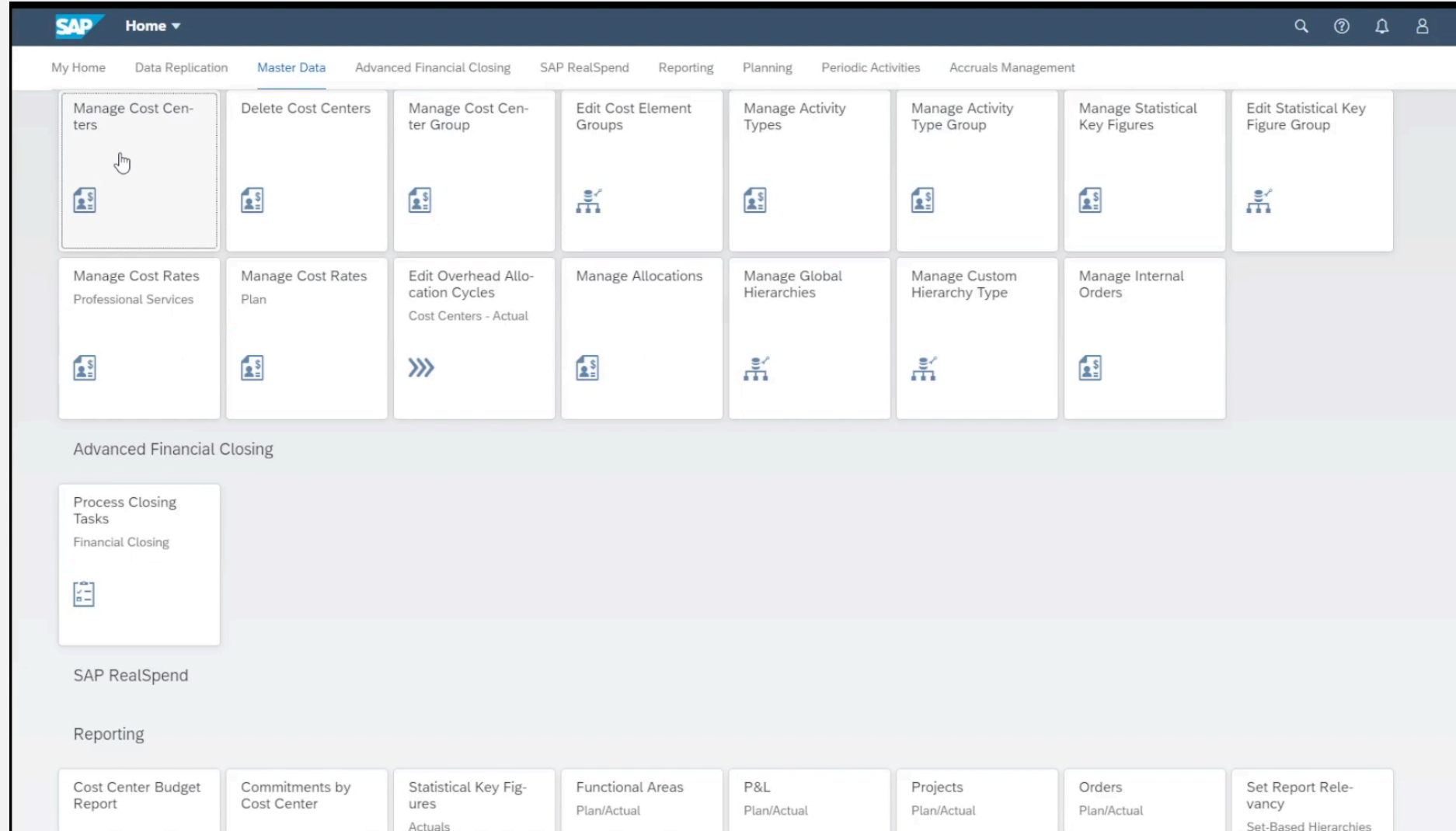
- Peer-to-peer integration and unaligned models lead to high implementation efforts and maintenance.

### Target

- Semantically aligned APIs and data models provide the foundation for the Intelligent Suite.

# Cost Center Replication

lab preview

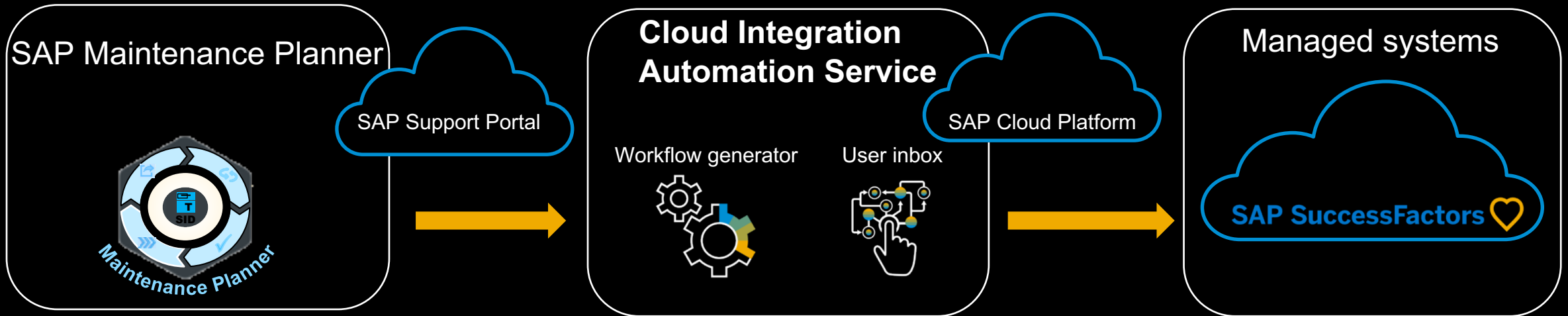


# Coordinated Application Lifecycle Management

## Cloud Integration Automation Service: Automated Integration Setup

[Further Information](#)

- In SAP Maintenance Planner: Choose an integration scenario and select the right systems.
- Use the Cloud Integration Automation Service to generate a role based workflow with predefined tasks.
- In SAP Cloud Platform workflow: Assign the tasks to the right experts.
- Process the tasks from the workflow in the managed systems.



# Coordinated Application Lifecycle Management

## Cloud Integration Automation Service: +30 Supported Scenarios

[Supported Scenarios](#)

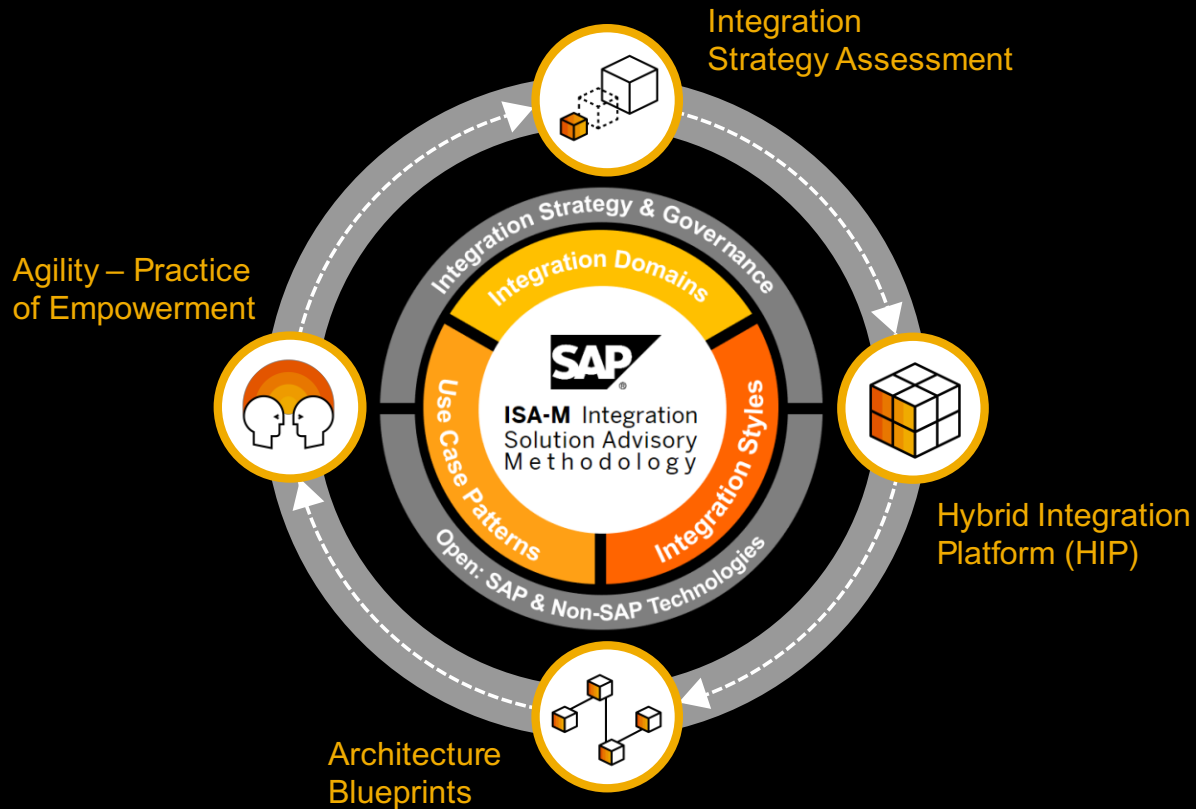
### Cloud Integration Automation Service

- Automated Dynamic Discounts with SAP Ariba Discount Management (19O)
- Automated Provisioning via SAP Cloud Identity Access Governance (3AB)
- Automated Purchase to Pay with SAP Ariba Commerce Automation (J82)
- Automation of Purchase-to-Pay with Ariba Network (42K)
- Concur Financial Integration (1M1)
- Continuous Control Monitoring with SAP Process Control (2OH)
- Credit Agency Integration (1RY)
- Guided Buying Capability with SAP Ariba Buying (2NV)
- Guided Buying for Central Procurement with SAP Ariba Buying (3EN)
- Integration of Payment Advice with Buyers and Suppliers (2MB)
- Integration of Procurement with External Suppliers (2EJ)
- Integration of Sales with External Buyers (2EL)
- Integration SAP S/4HANA Cloud and SAP Analytics Cloud (1YB)
- Integration with SAP Distributed Manufacturing with SAP S/4HANA Cloud (1NX)
- Leverage SAP Financial Statement Insights and SAP RealSpend Integration (1KU)
- ...
- Procure-to-Pay with SAP Ariba Buying and Invoicing (1ZM)
- Sales Billing with SAP Subscription Billing (2AP)
- SAP Ariba Sourcing Integration (1A0)
- SAP SuccessFactors Employee Central Integration (JB1)
- SAP Watch List Screening (1WE)
- Service Procurement Integration (22K)
- Setting Up C4C S/4HANA Cloud Integration (1VP)
- Setting Up Customs Mgmt with SAP GTS (2U1)
- Setting UP External Billing (1Z6)
- Setting Up Key Risk Indicator Monitor with SAP Risk Management (2U2)
- Setting Up SAP Digital Payments Add-on - Sales (1Z1)
- Set-up Guide for Customer Payments (1S0)
- Set-Up Instructions for SI (1ZQ)
- SuccessFactors Employee Central Payroll Integration (1NL)
- Supplier Quote Automation with SAP Ariba Commerce Automation (1L2)
- ...

## Integration Guidance

# Integration Solution Advisory Methodology (ISA-M)

Simplify Integration by a Holistic Integration Approach

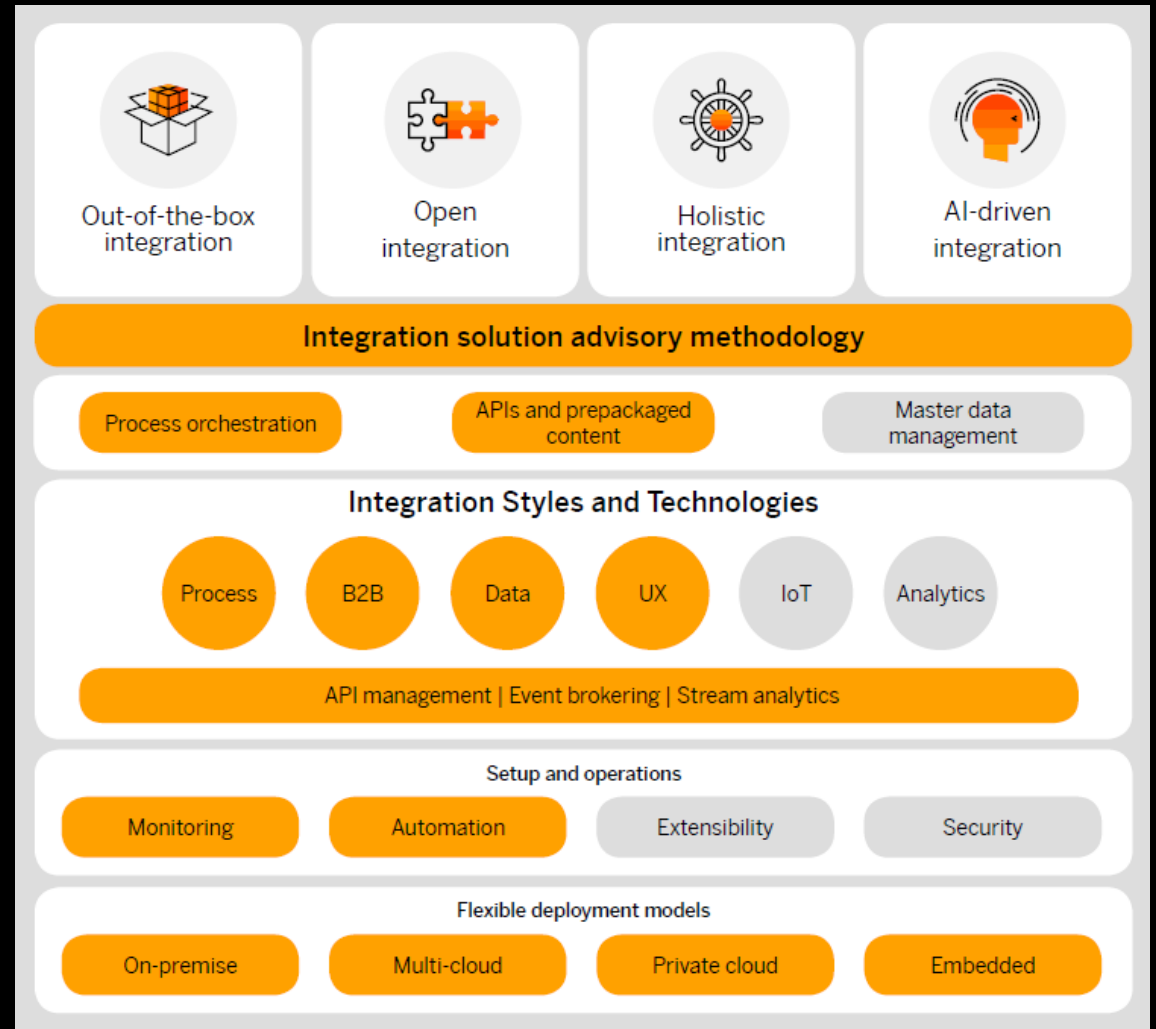
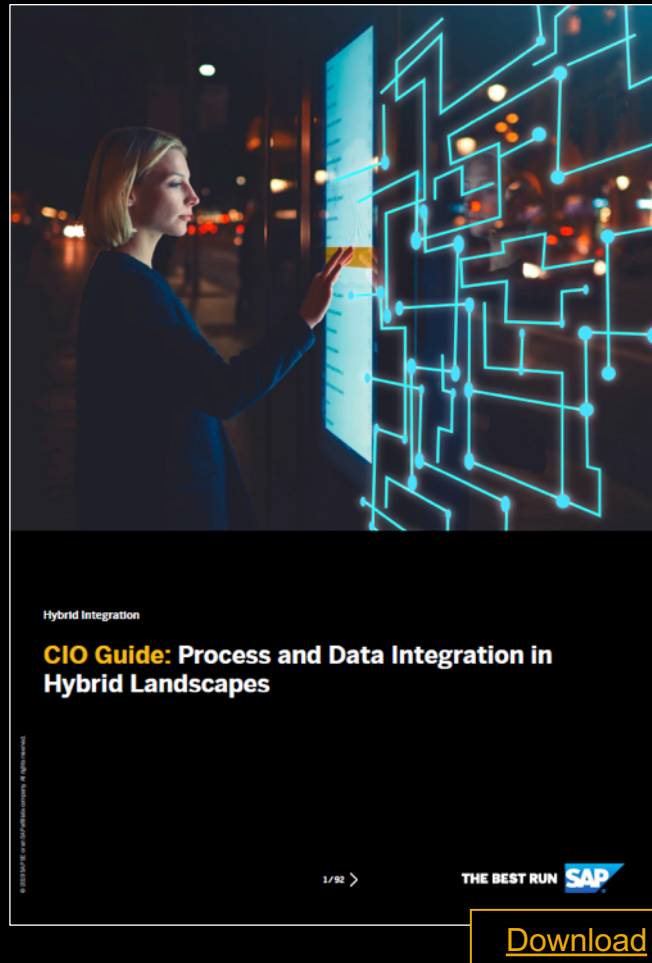


- 1 | Technology-agnostic framework to define an integration strategy
- 2 | +1.500 subscribed customers, partners and system integrators
- 3 | Successfully adopted in multiple global organizations
- 4 | Further evolution with customers from the SAP Executive Advisory Board

[Further Information](#)

# CIO Guide: Process and Data Integration in Hybrid Landscapes

## Technology Guidance for Enterprise Architects





## Summary and Roadmap

# Key Takeaways

Deliver significant value to your business through true end-to-end business process integration



# SAP Road Maps for the Intelligent Enterprise

[SAP Road Map Explorer](#)

Road Maps

BETA

Products

Processes

Industries

My Road Maps

Disclaimer

## SAP Road Maps

BETA



### Intelligent Enterprise Scenarios

Design to Operate

Recruit to Retire

Source to Pay

Lead to Cash

SAP Road Maps support the journey to SAP's future plans. Explore our road maps, webinars, and transformation guides to learn more.

Search SAP Road Maps by keywords, topics, processes or products.



Contact Us



LEAD TO CASH

Customer

ROAD MAP



SOURCE TO PAY

Finance & Procurement

ROAD MAP



RECRUIT TO RETIRE

Human Resources

ROAD MAP



DESIGN TO OPERATE

Manufacturing & Supply Chain

ROAD MAP



The **Intelligent Enterprise** is the SAP approach to  
**connect** experiences and operations using experience  
management solutions,  
a **business technology platform**,  
and a **suite of applications**  
  
- all in a well **integrated** manner.

# Thank you

Dr. Michael Ameling

Head of Intelligent Enterprise Program

M: [michael.ameling@sap.com](mailto:michael.ameling@sap.com)

Follow all of SAP



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