



# SAP Cloud Platform

The perfect companion for SAP  
ERP, ECC and S/4HANA

Internal

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# Why



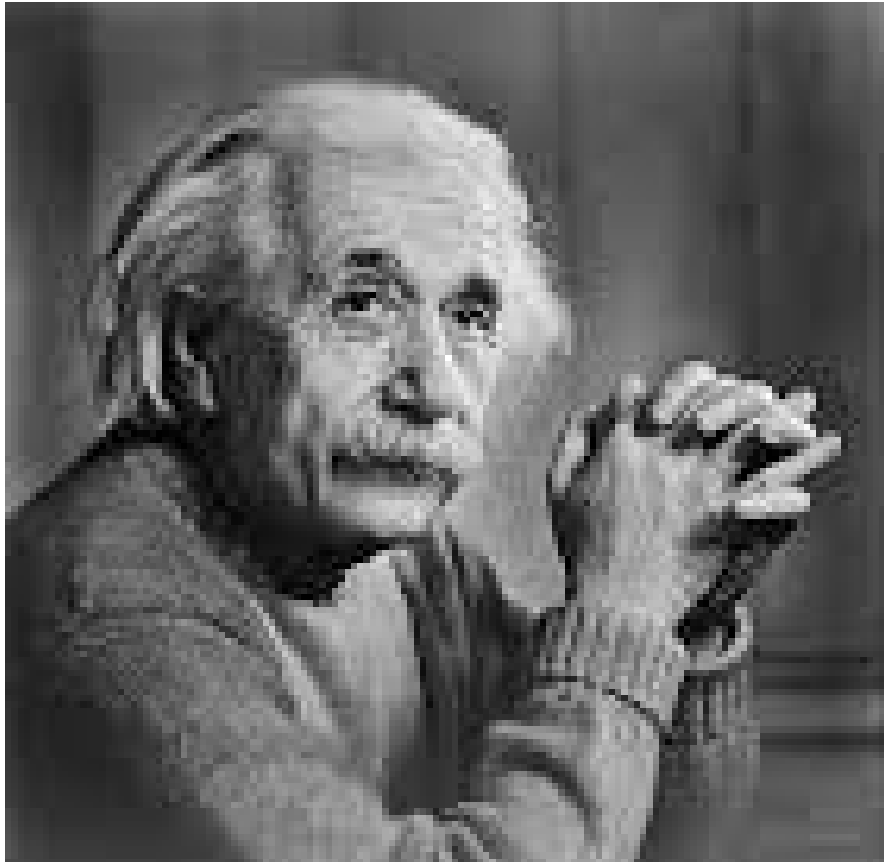
## Cloud Platform

Enterprise PaaS



## For over 40 years, a lot of IT budget was spent on customization and modification of Standard ERP

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*The definition of insanity is repeating the same behaviors and expecting a different outcome.*

*Albert Einstein*

# Massive Modifications have pushed many ERP customers past the point of **no** return

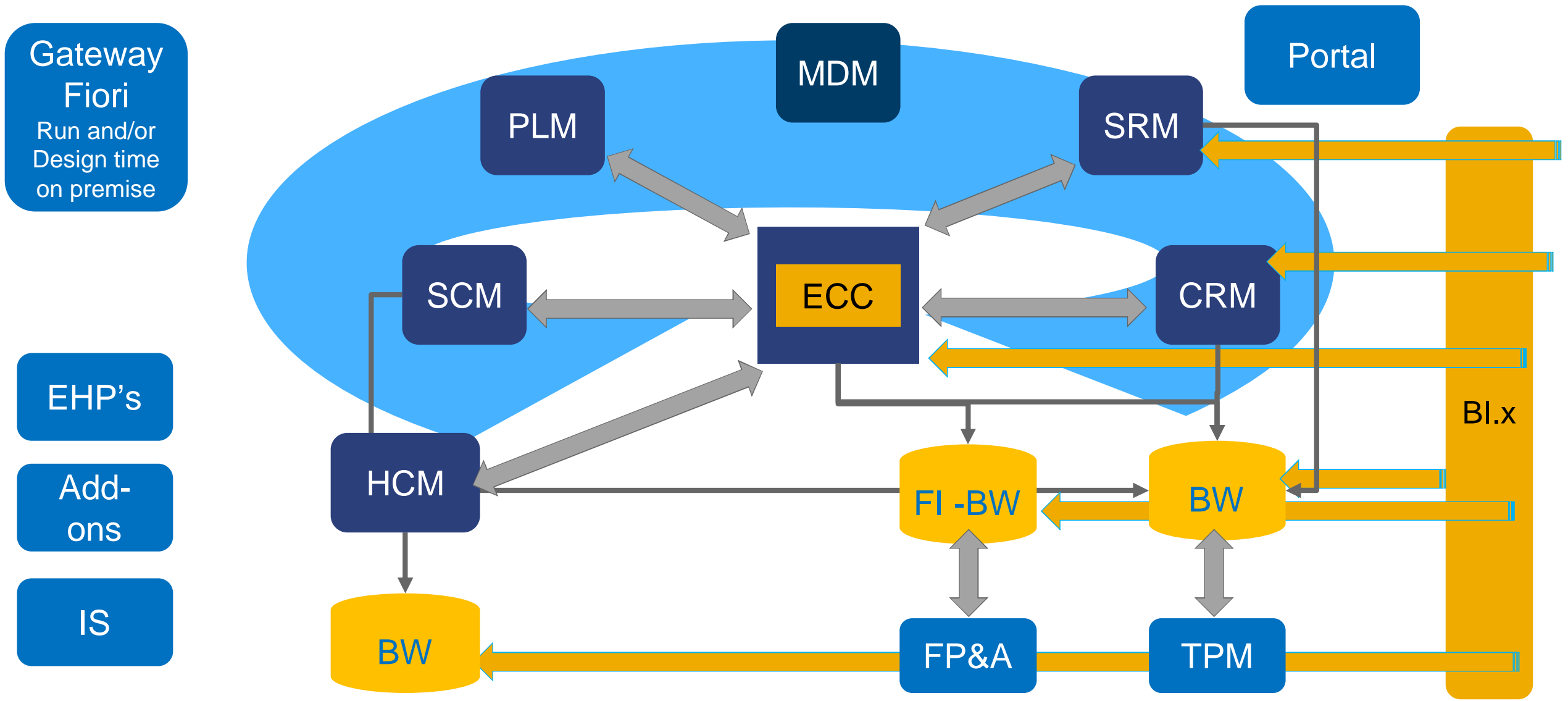
## Sins of past ERP implementations

- Y Potentially only 20% of existing modifications might be used
- Y Almost impossible to identify the 80% of never/not any more used modifications
- Y 90% of the costs of a typical system arise in the maintenance phase source: *The Mythical Man-Month*,
- Y Probable risks of hidden dependencies of unused modifications lead to
  - Extended life spans for modifications
  - Long running, time-consuming test phases during upgrades
- Y Resulting in:
  - Falling behind on upgrades and EHP implementations



**Massively modified systems have become unsustainable to the point where IT spends 80% of their resources on keeping the lights on**

# Traditional Best practice: Systems proliferation due to constraints in traditional databases



# Design, Build and Run governance for mission critical systems

## Priority 1: Minimize Risk of business disruption

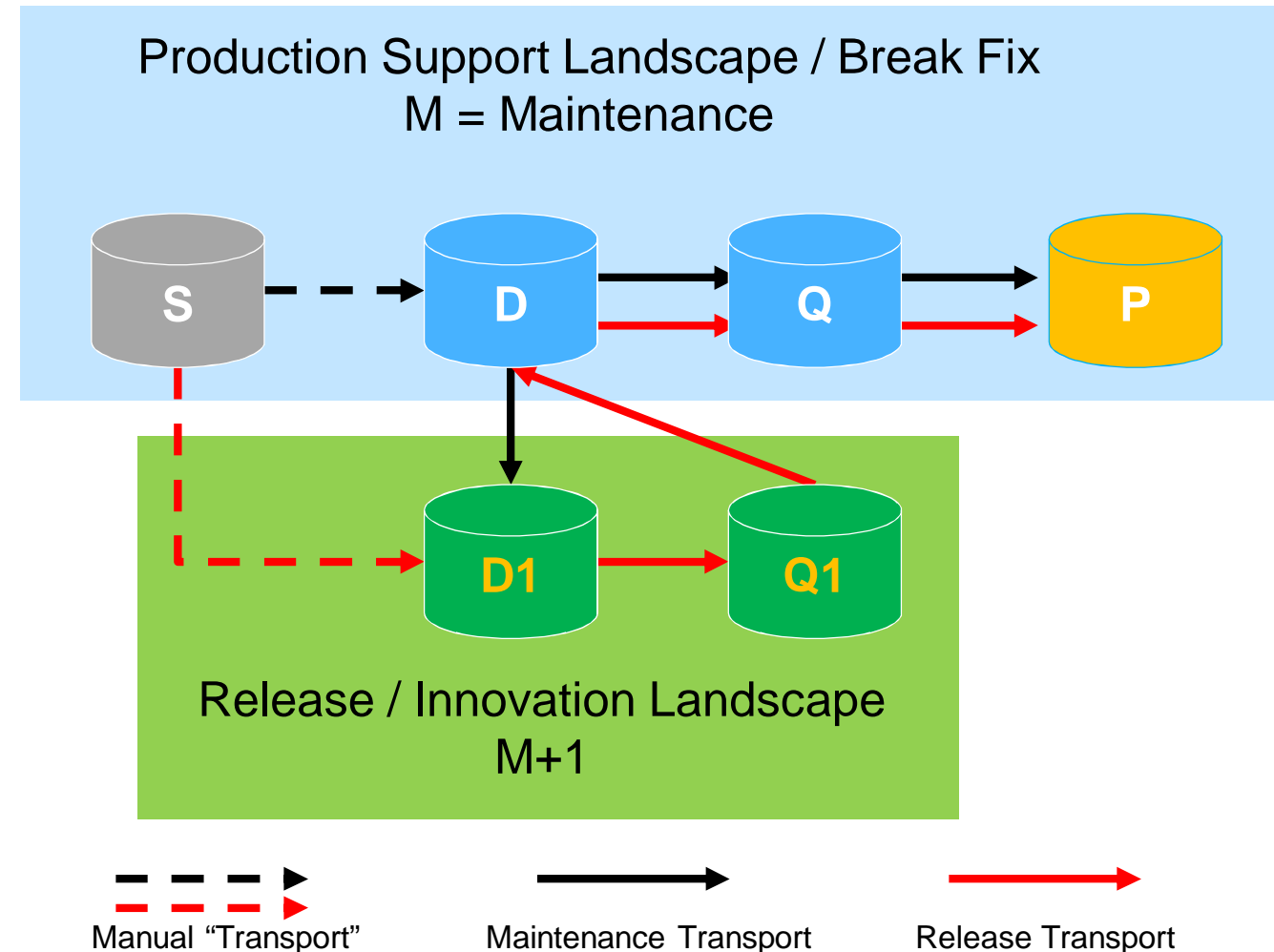
### Joined support and innovation landscape

Separation of maintenance and innovation environment

- Y Requires synchronization of replicated / dual systems
- Y Requires freeze periods of maintenance support
- Y Necessitates strict governance and extensive oversight
- Y Entails extensive testing phases in both landscapes

### Delays innovation cycles

Limits innovation cycles to 1 or 2 a year



# Design, Build and Run governance for mission critical systems

## Time consuming re-build efforts

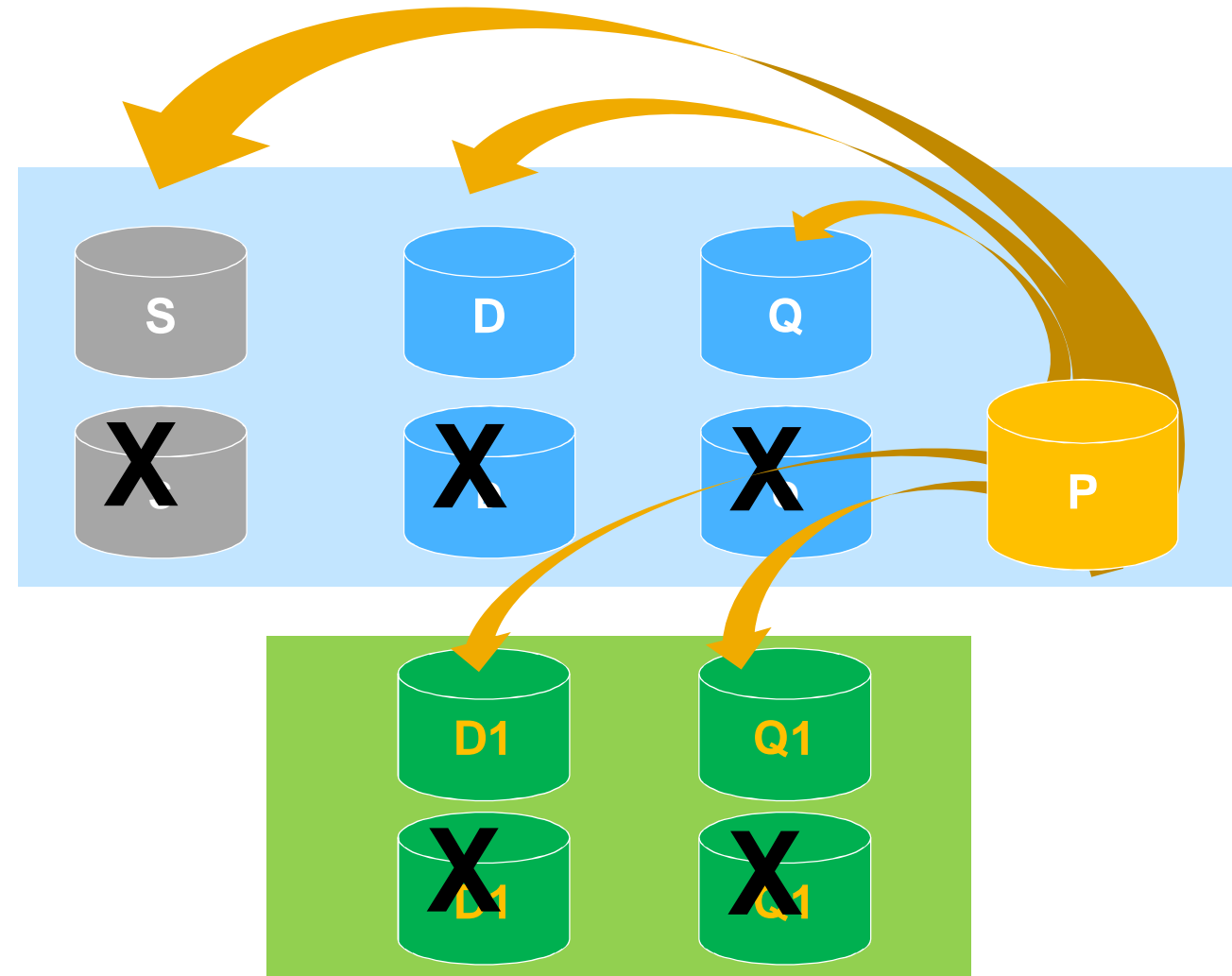
### Extensive system architecture provisioning

Either system copy's or image provisioning

- ⚠ Requires downtime in Maintenance and Innovation environment
- ⚠ Refresh maintenance and innovation environment with copies or images from Productive system
- ⚠ Requires restorations of all system interfaces and connectivity

### Delays innovation cycles

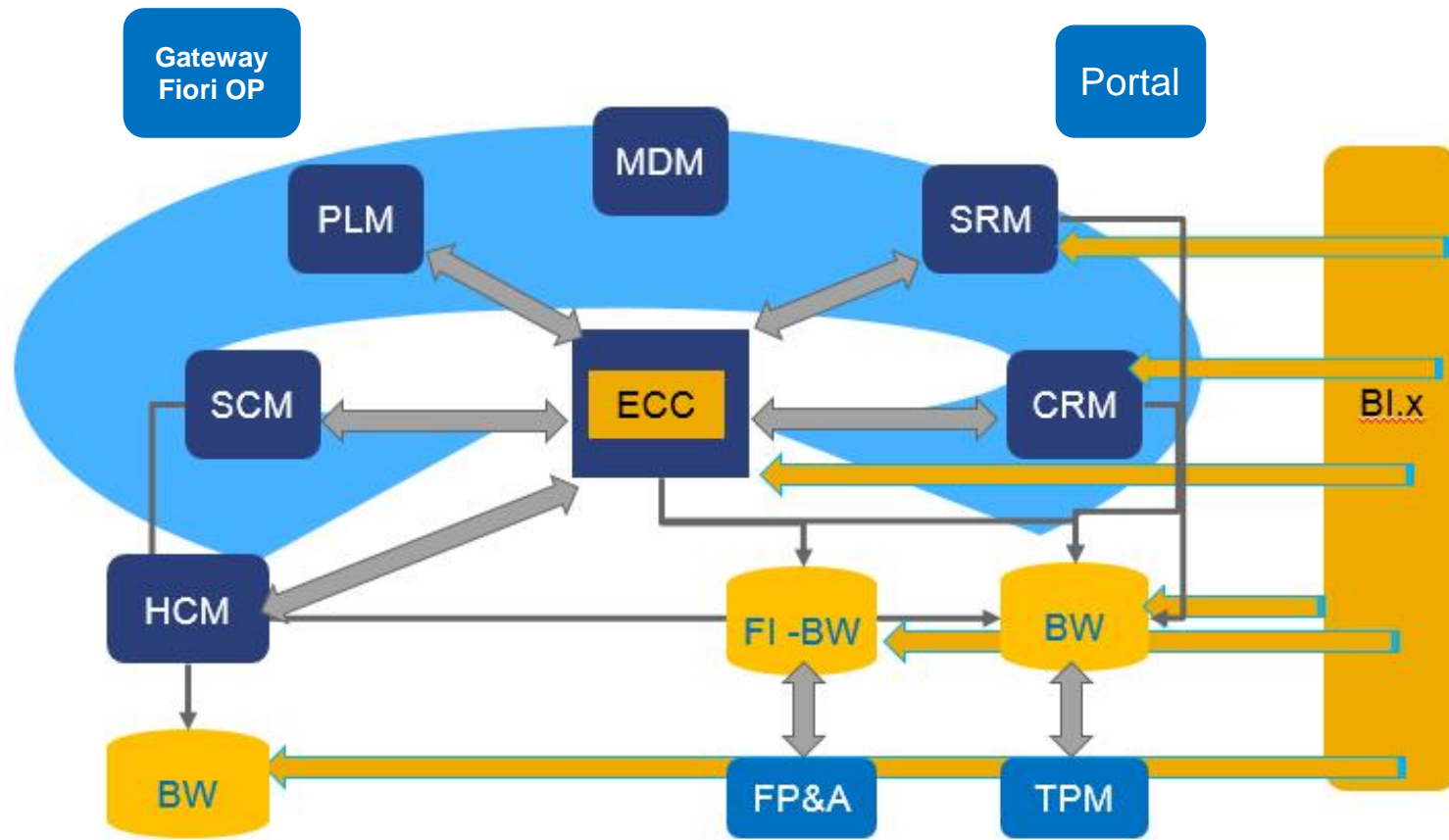
Limits innovation cycles to 1 or 2 a year



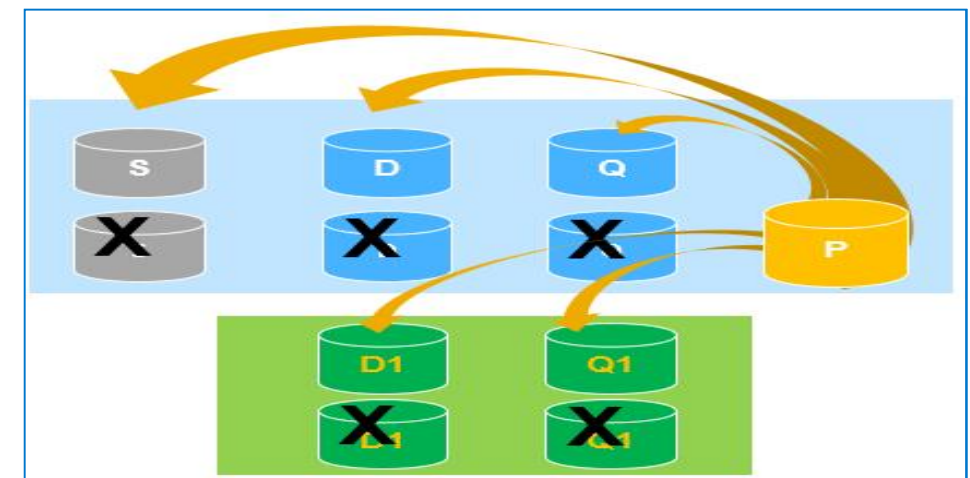
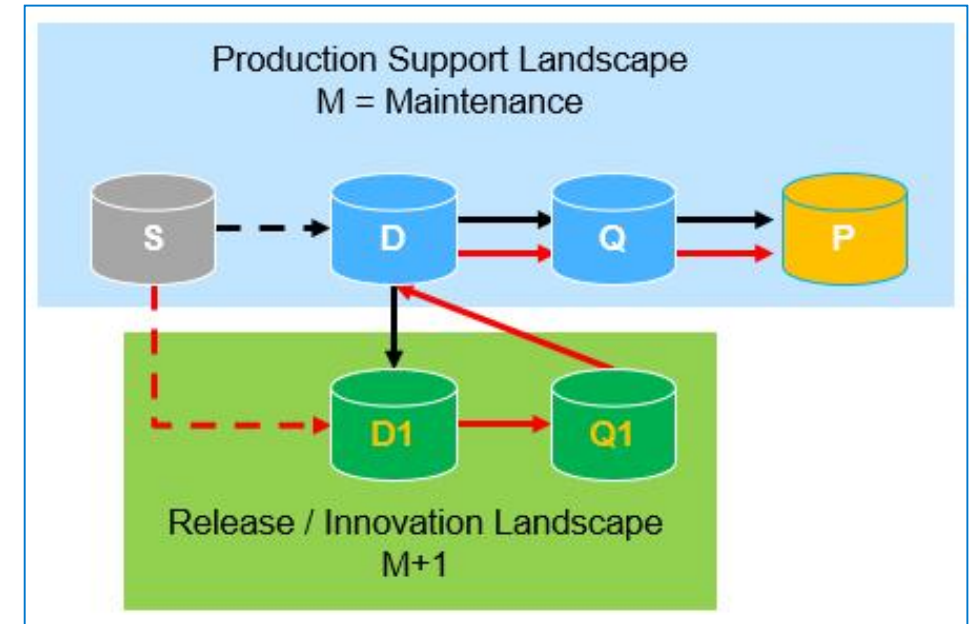


# Traditional Mission Critical System Complexity & Latency

Release synchronicity across multiple systems and batch traffic



13 X (5+1)



# Traditional approach creates Complexity

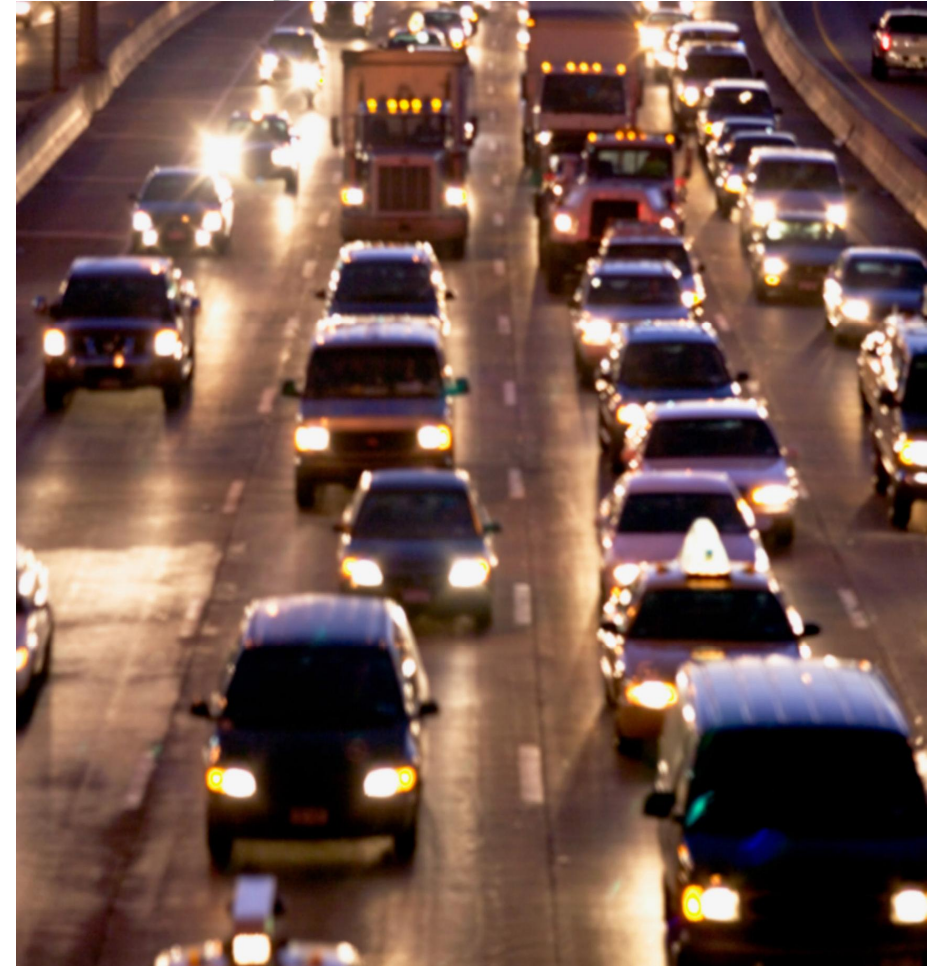
## Complexity creates gridlock

In traditional mode 1 application IT processes, innovations are only once or twice a year deployed to a productive system using a complex IT governance framework of

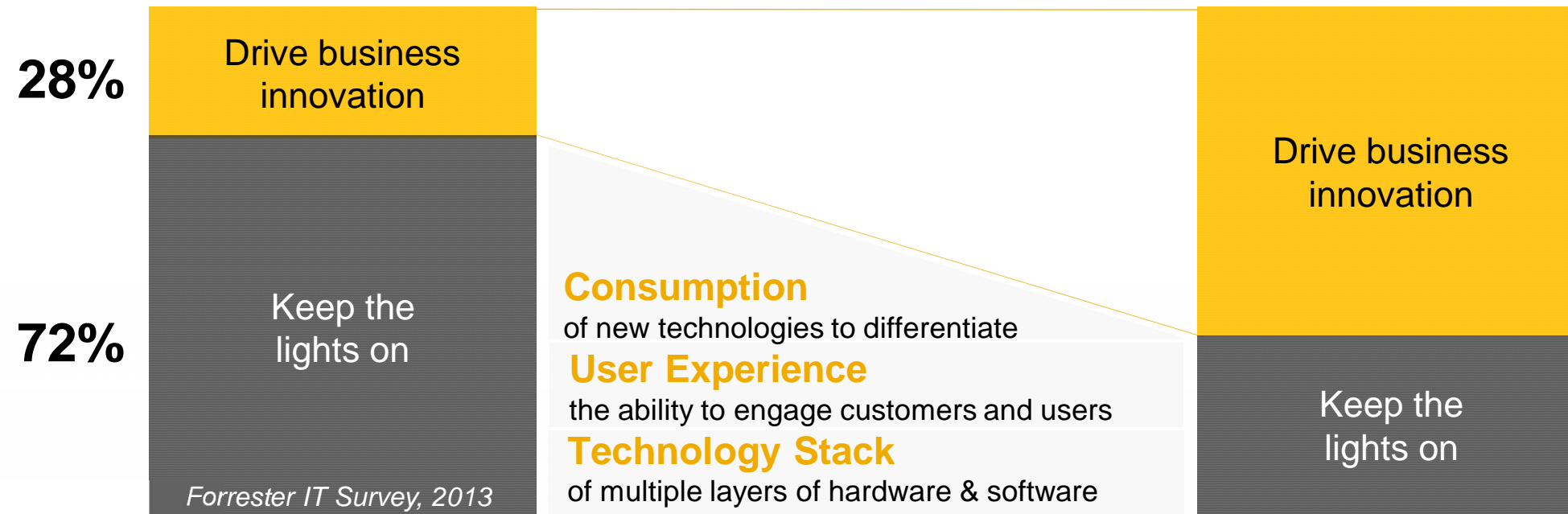
- ÿ Release windows
- ÿ RICEF's
- ÿ Change Requests
- ÿ Transports
- ÿ Unit testing, Integration testing across a min. 5 +1 system landscape

**Delays innovation cycles**

**Limits innovation cycles to 1 or 2 open windows per year**



# Result: Gridlock slows down Innovation



“ 40% executives **worry that their organizations will not keep pace** with technology change and lose their competitive edge.”

*McKinsey study, 2013*

# A different approach is required...



... the “**two-speed architecture**” that describes a bimodal approach to innovation and IT investment by customers.

• **Mode 1** refers to legacy infrastructure that supports a stable core, while

• **Mode 2** refers to a completely new highly flexible layer in the cloud that supports customers’ transitions into new and disruptive business models.

**“Going forward, every company will have to manage these two separate, coherent modes of IT delivery, one focused on stability and the other on agility”**

SAP d-kom

SAP Cloud Platform  
Enterprise PaaS

# A different approach is required...



Gartner

Bimodal IT is the practice of managing two separate, coherent modes of IT delivery, one focused on stability and the other on agility.



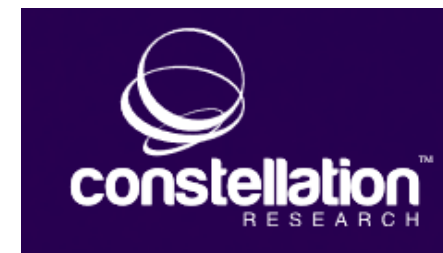
Mode 1 is traditional and sequential, emphasizing on safety and accuracy.

Mode 2 is exploratory and nonlinear, emphasizing on agility and speed.

Andy Kyte  
Vice President & Gartner Fellow

InformationWeek

## 6 Reasons Bimodal IT Is Wrong For You



## Why A Bi-Modal Approach to Digital Transformation Is Just Stupid



By R "Ray" Wang

# Fact: Bi-modal or Tri-modal or n-modal IT is not new because everybody runs already **traditional** pace layered IT

## Mode 1

ERP



Scheduled Maintenance

Mission Critical

Strong Governance

By the Book

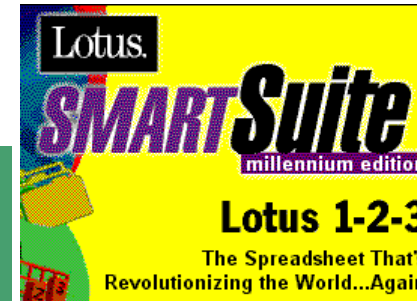
Single Source

Stable Core

Corporate IT

## Traditional Mode 2

Excel



Governance ?

Maintenance ?

Many Data Copies

Siloes

Agile - Ad-hoc

Self- Service

Shadow IT

# SAP Cloud Platform

## Build - not Buy, not modify

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Gartner: "By 2020, 75% of Application Purchases Supporting Digital Business will be "Build," Not "Buy"

**Build in mode 2**

**Decoupled from the stable core**



**Why? Because IP - Intellectual Property is the key competitive differentiator**

<http://www.gartner.com/newsroom/id/3119717>

# Why



## Cloud Platform

Enterprise PaaS

# ?

## Part 1



**SAP S/4 HANA**

+

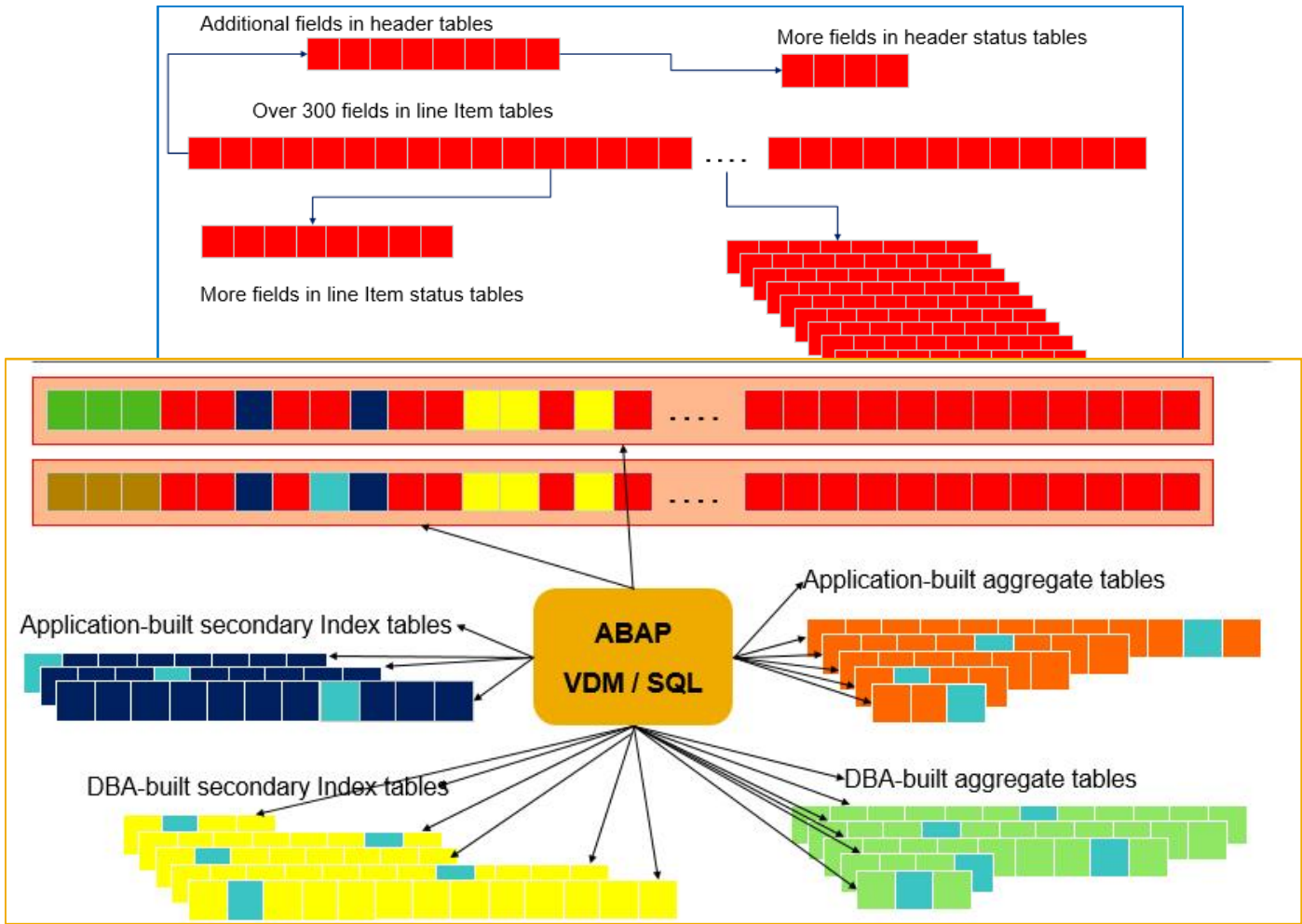
**SAP Cloud Platform**  
Enterprise PaaS

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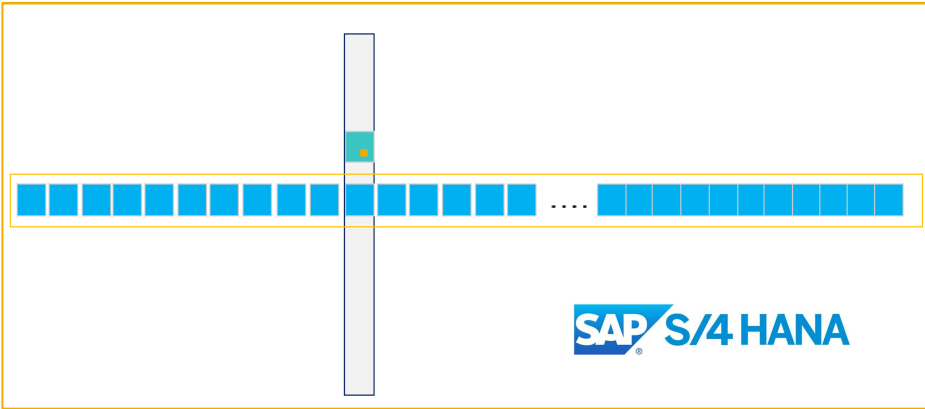
**modern bi-(or n-)modal IT**

# SAP HANA simplifies Business Applications by eliminating traditional RDBMS-based complexity

## Traditional RDBMS-based Business Application Design



## S/4HANA Business Application Design\*



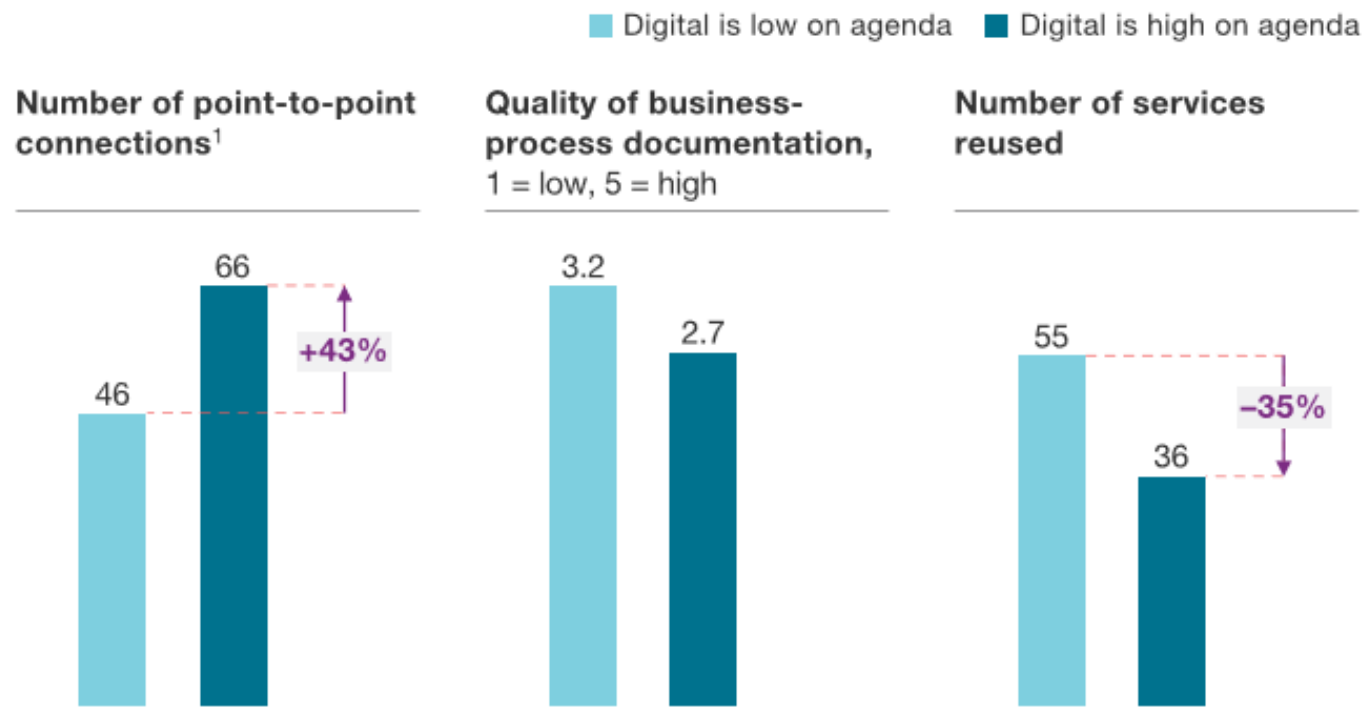
\*please see YouTube video for more details



Over 75k views (01/2017)

# Simple is so important, because the sheer number of end-to end connections increases to a point where the traditional RDBMS-based architecture becomes unsustainable

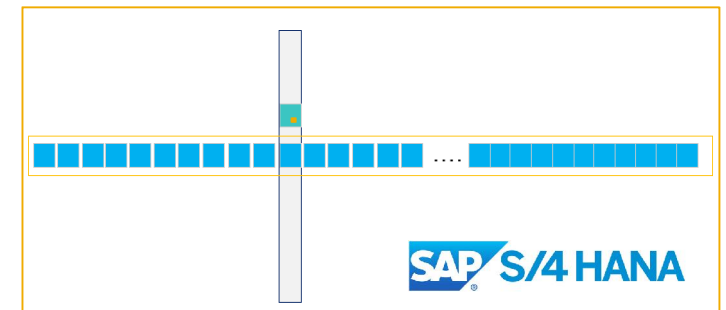
When companies go all in on digitization, the complexity of IT architecture increases.



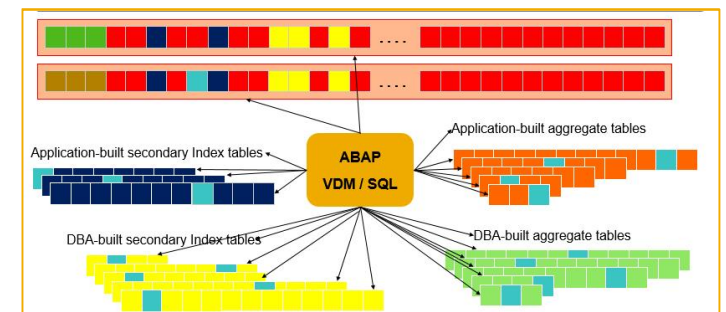
<sup>1</sup>All findings generated a p-value of less than 0.05, which indicates a high level of confidence in the results.

Source: Enterprise Architecture Survey, a joint survey from McKinsey and Henley Business School, Feb 2016

## Scalable, Sustainable



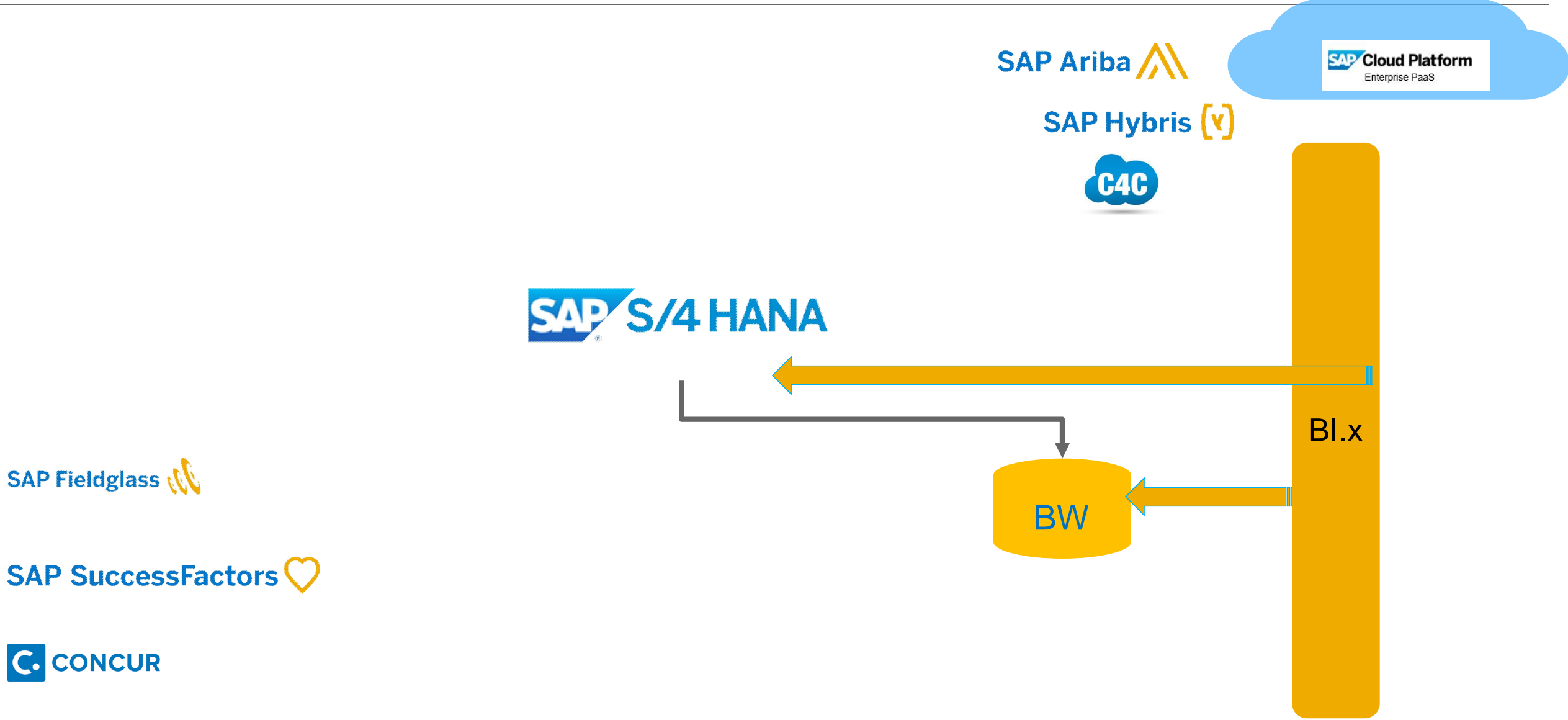
VS.



## Traditional RDBMS design

# Eliminating traditional RDBMS-based complexity enables simplified system landscape architecture

Abstract Example Simulation  
Please see official SAP roadmap for available possibilities

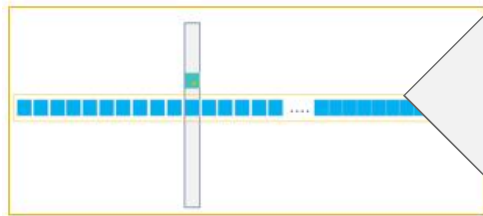


# SAP Cloud Platform as the agile Innovation platform providing, native and simplified integration

## Mode 1

stable digital core

SAP S/4 HANA



## Modern Mode 2

simplified integration  
minimize data replication

Integration Services  
Productized Integration, API Business Hub

SAP Cloud Platform

decoupled

## Mode 1

SaaS

SAP S/4 HANA Cloud

- SAP SuccessFactors
- SAP Ariba
- SAP Hybris C4C
- SAP Fieldglass
- CONCUR

decoupled

SAP Business Suite

# SAP Cloud Platform and S/4HANA enables modern bi-modal IT

## Decoupled development and application life cycles

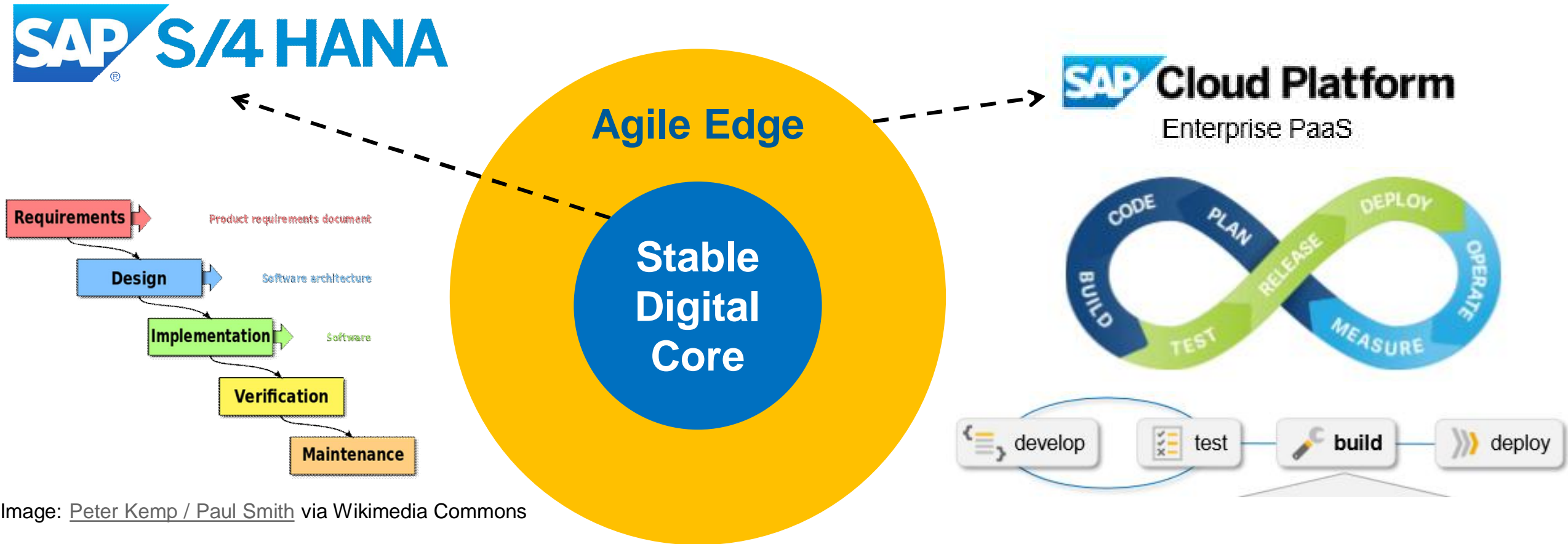
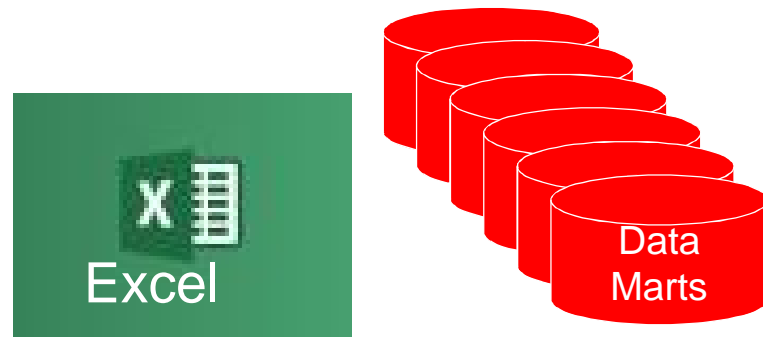


Image: [Peter Kemp / Paul Smith](#) via Wikimedia Commons

# SAP Cloud Platform and S/4HANA enables modern bi-modal IT Simplification enables consistency in decoupled environments

## Traditional Mode 2



24h old  
Batch process

Many  
Sources of Truth

System  
Proliferation

maximize  
Data Copies

High effort of  
Reconciliation

Siloes

## Modern Mode 2



Real-Time

Single  
Source of Truth

ONE Cloud for  
all services

Fail often  
Fail early

OData = zero  
Reconciliation

Optional Data  
Persistence

# Why



## Cloud Platform

Enterprise PaaS

# ?

## Part 2



# Industry and Enterprise PaaS

Best Industry/LOB Apps (S/4 HANA + SaaS) + Best Digital Platforms (HANA and Cloud Platform)



For over 40 years, **SAP** is the de-facto global ERP standard

**76%** of the world's transaction revenue GDP touches an **SAP** system.

**SAP** customers represent **98%** of the top 100 most valued brands in the world

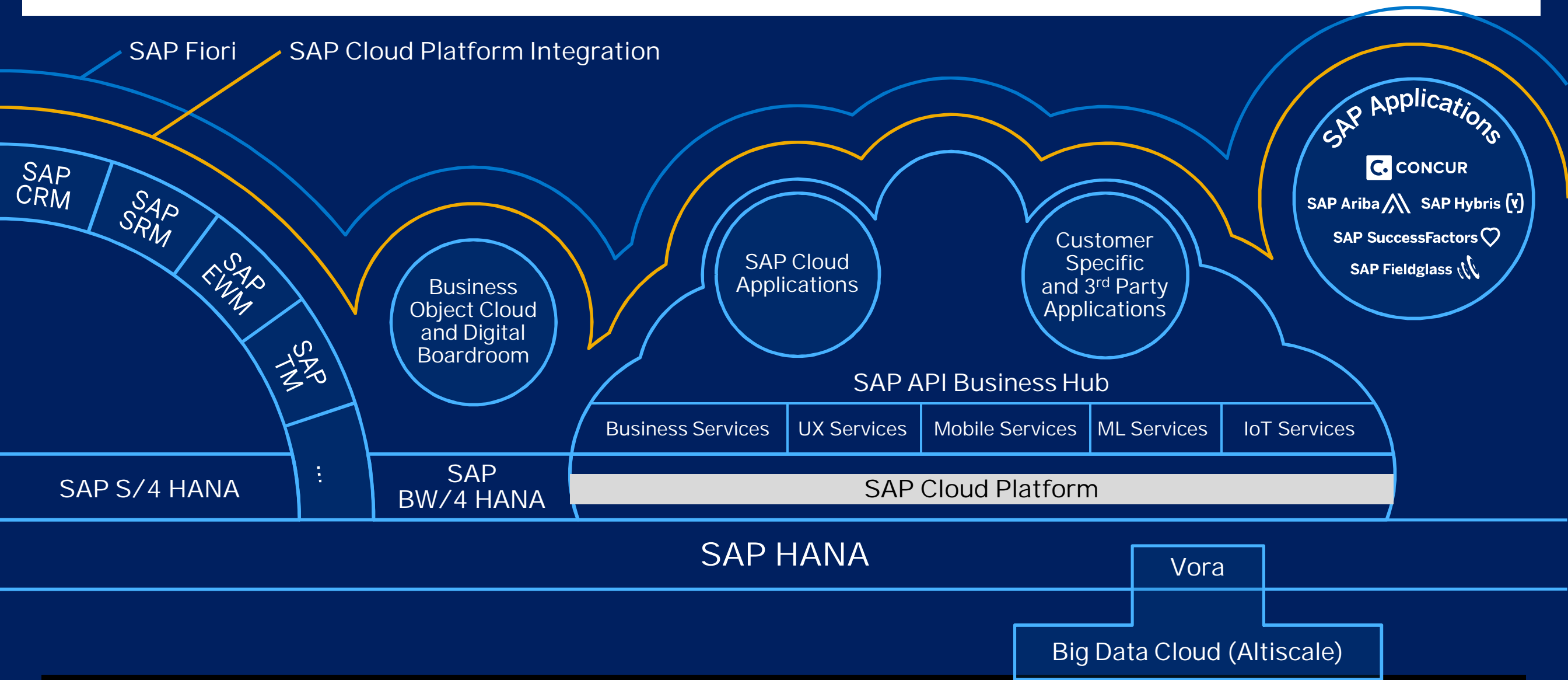
**SAP Cloud Platform**  
Enterprise PaaS

providing access to **76% of Global GDP**

THE digital enterprise platform of choice for developers and customers

# SAP's Digital Transformation Platform

## SAP Cloud Platform is the Enterprise PaaS



# SAP Cloud Platform

SAP API Business Hub - <https://api.sap.com/>

## SAP API Business Hub

Central catalog for all SAP and selected partner APIs  
including YaaS Microservices

THE digital enterprise platform of choice for developers and customers

allowing developers to

ÿ Search

ÿ Discover

ÿ Test

ÿ Consume

the services they need to build new applications, app extensions or process integrations

<http://www.slideshare.net/harshjegadeesan/sap-api-business-hub-sap-community-webinar>

Focus on

ERP

ECC

SoH

S/4HANA

# SAP Cloud Platform

## Sample Use cases for SAP ECC and S/4HANA

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**UX/Mobile**

**Agile Data**

**Agile Process**

**Accelerate road to S/4HANA**



**Suite on  
HANA**

**ECC**

# SAP Cloud Platform

## Sample Use cases for SAP ECC and S/4HANA

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### UX/Mobile

Agile Data

Agile Process

Accelerate road to S/4HANA



Suite on  
HANA

ECC

# Single point of entry for business applications

Single point of access  
for end users



<https://fioriappslibrary.hana.ondemand.com/sap/fix/externalViewer/#/home>

# SAP Fiori Cloud Premium

## SAP Fiori Cloud



### Simple cloud deployment

Modernize UX with minimum impact to your on-premise landscape



### Accelerate time to value

Get implementation done quickly



### Leverage existing investments

Connect to your on-premise business processes



### Personalize the experience

Provide end users a role based application entry point

## SAP HANA Cloud Platform mobile service for SAP Fiori



### Simple, guided approach

Enable delivery of the best Fiori experience on mobile devices



### Optimize for mobile

Provide users with the benefits of a native app user experience



### Secure data

Address threats on multiple layers



### Connect to enterprise systems

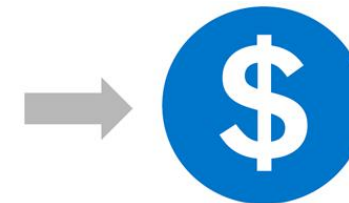
Simple access & authorization for mobile users



# The Value of User Experience in Enterprise

## More than beautiful software – real \$\$\$\$

### Monetary Value



### Human Value



“For every  
**\$1** spent to resolve issues in **design**,  
**\$10** are spent to resolve in **development**  
**\$100** or more **after product release**”

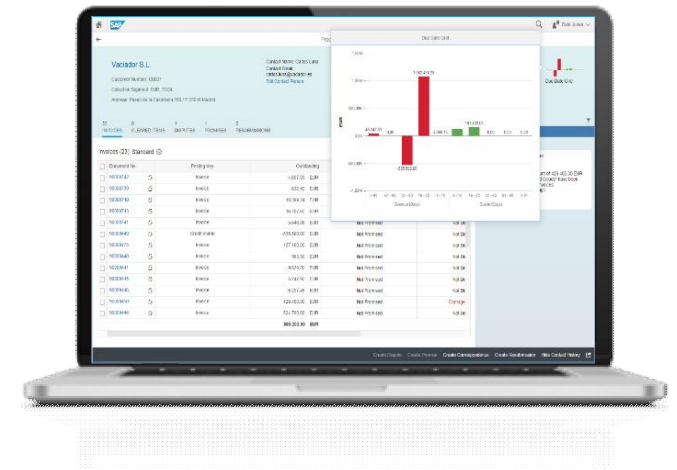
# SAP Fiori example for more efficient User Experience

Improved UX accelerates Business Processes

Standard SAP Fiori UX based on mobile first principle

in **SAP S/4 HANA**

Up to 90% workload reduction at customer helpdesk due to better UI, faster processing and prevention of wrong usage



Example **Order to Cash: Finance Process Receivables**  [video](#)

[More examples](#)

Activity	SAP ERP FI - Accounts Receivables	SAP S/4 HANA Finance Accounts Receivables	Acceleration Factor
Duration	2.12 mins	47 secs	2.8 x
Clicks	39	11	3.5 x
Screen changes	8	2	4.0 x
Fields filled	5	2	2.5 x

# SAP Fiori Cloud

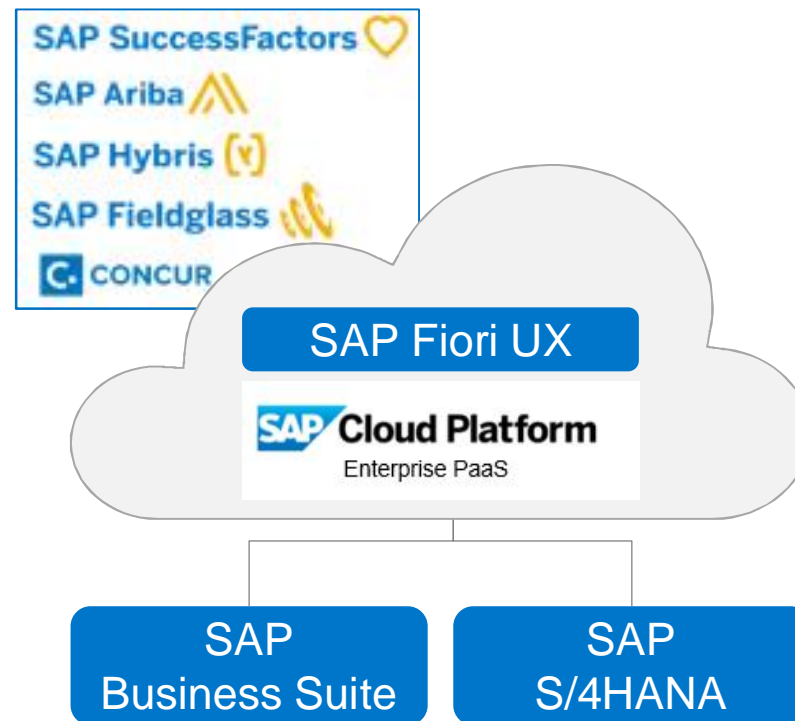
## Revitalize SAP experience easily and efficiently!

“SAP has a commitment to UX design that is rare among enterprise software vendors... starts with the board of directors and flows down through the organization...”

“The centerpiece of SAP's UX strategy is the SAP "Fiori UX" — an umbrella term used to describe the deep design work being done to change how users conduct SAP-implemented business processes”  
*Gartner Vendor Rating: SAP October 2016*

### SAP Fiori Cloud helps customers to simplify their UX renewal with:

- § Predefined & pre-packaged content delivered in the cloud
- § Simplifying the on premise landscape
- § Bi-weekly Cloud delivery and update cycles
- § Single entry point for SAP S/4HANA, SAP Business Suite and 3<sup>rd</sup> party apps



- § Improve end users' satisfaction and increase productivity
- § Simplify the SAP Fiori implementation
- § Reduce implementation cost/effort > free time for innovation
- § Provide access anywhere on any device

### Prerequisites:

SAP S/4HANA Finance 1610 SP1  
SAP Business Suite

### Testimonial Videos

[SAP Fiori Cloud on SAP Cloud Platform.sap.com](https://Platform.sap.com)

# Portal is 1990ties

## Mobile App Store is present and future


Menu icon | **SAP** Mobile Place | Search App catalog... | Eric Solberg

**Featured**

**Quick Mobile Inventory**

Get inventory data when you need it, where you need it.

**Top 10 (Downloaded)**

 **Quick Mobile Inventory**

**SAP Cloud Platform**  
Enterprise PaaS

Example for Mobile Services for app and device management (App Store)

One more thing....



## SAP Fiori for iOS – Design Language

SAP UxD

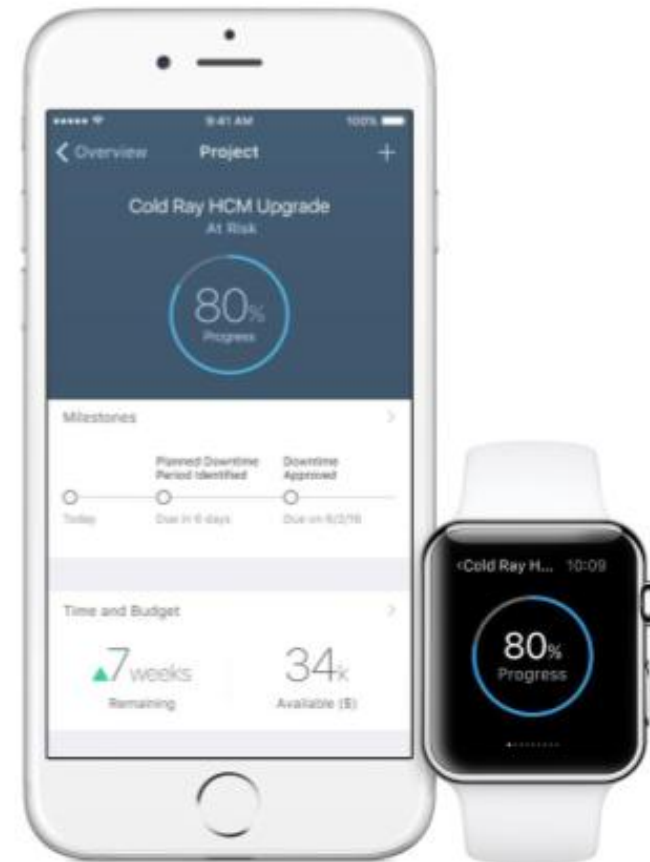
### Defining SAP Fiori for iOS

- Based on Human Interface Guidelines
- Coherent with the familiar experience of iOS
- Enhance with new reusable controls and patterns

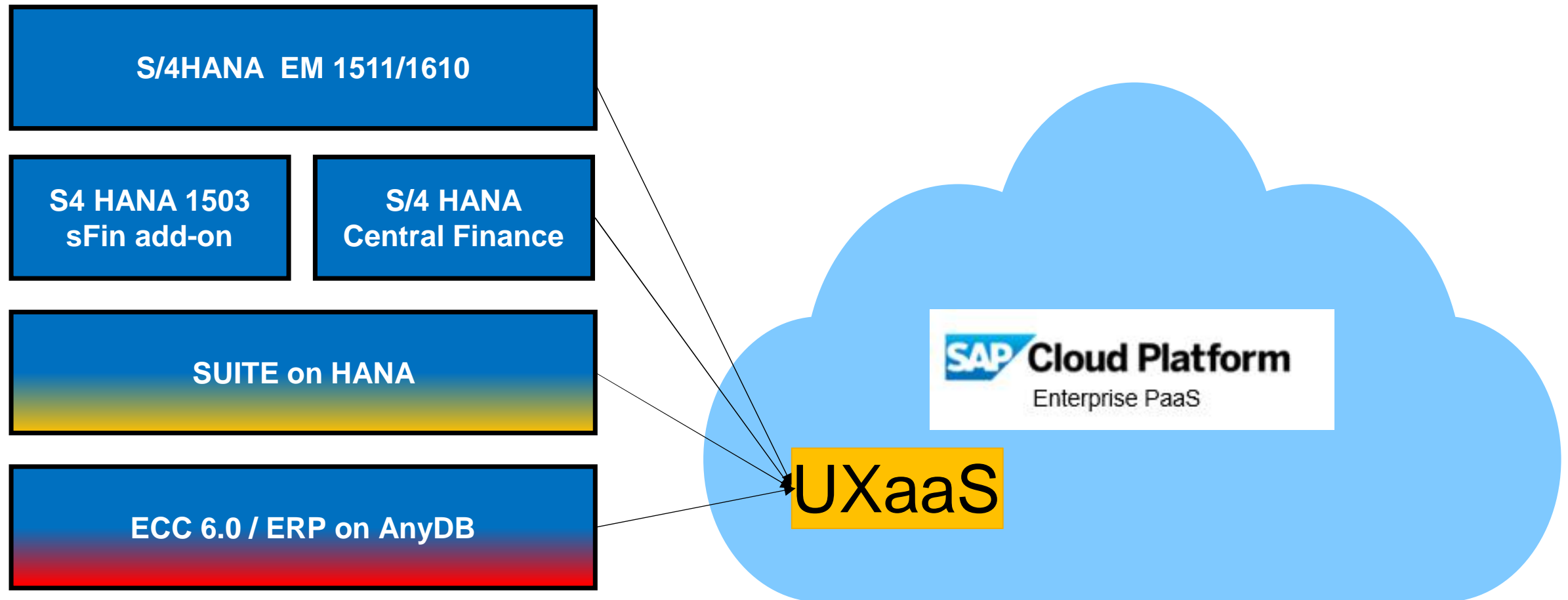
### Designing Transformative Apps

- Consider how to transform processes, leverage context, Automate tasks, define guided activity, save time
- Supporting offline data storage

### Provide design guidelines



# SAP Business Suite and HCP Deployment Options and Examples UXaaS & Mobile



# SAP Cloud Platform

## Sample Use cases for SAP ECC and S/4HANA

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UX/Mobile

**Agile Data**

Agile Process

Accelerate road to S/4HANA



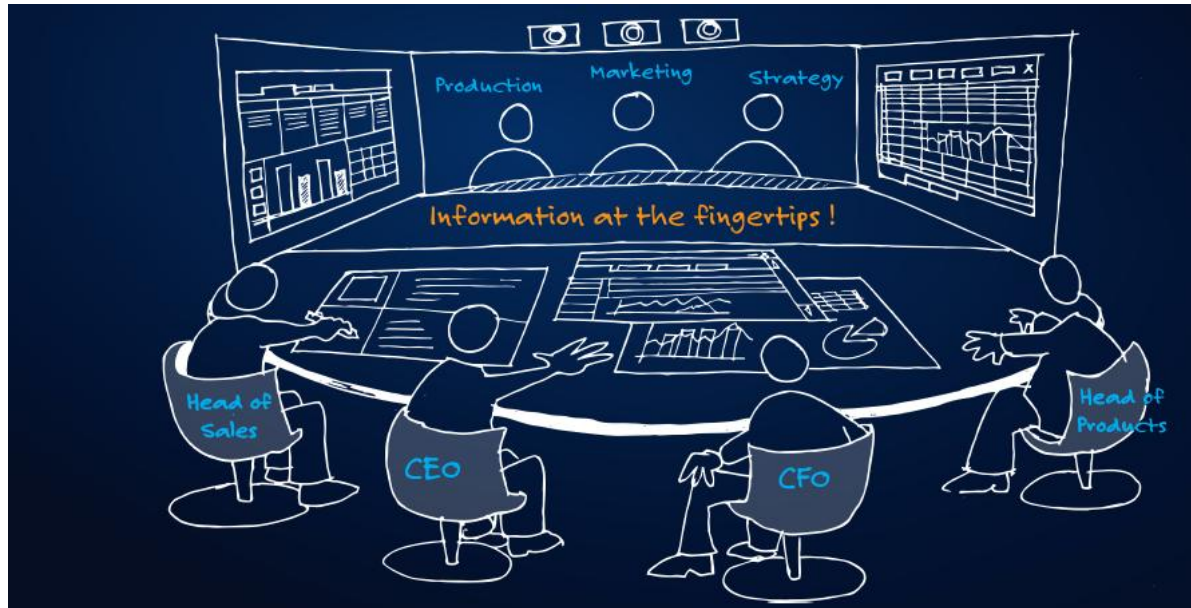
Suite on  
HANA

ECC

# Boardroom of the future

Business telemetry in real-time and optimize performance to win

## Monitoring your Business in real-time



## Monitoring your Race Car in real-time

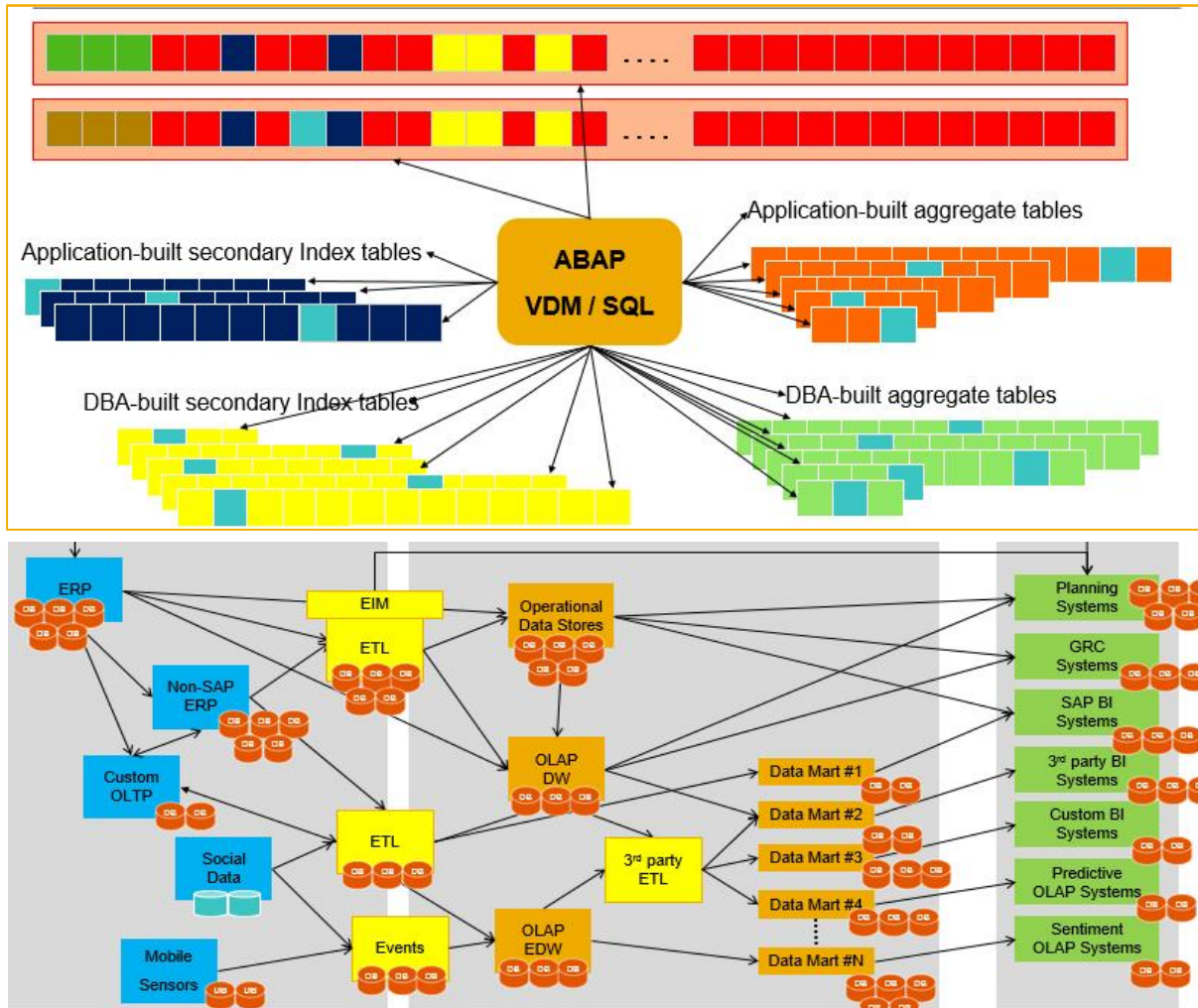




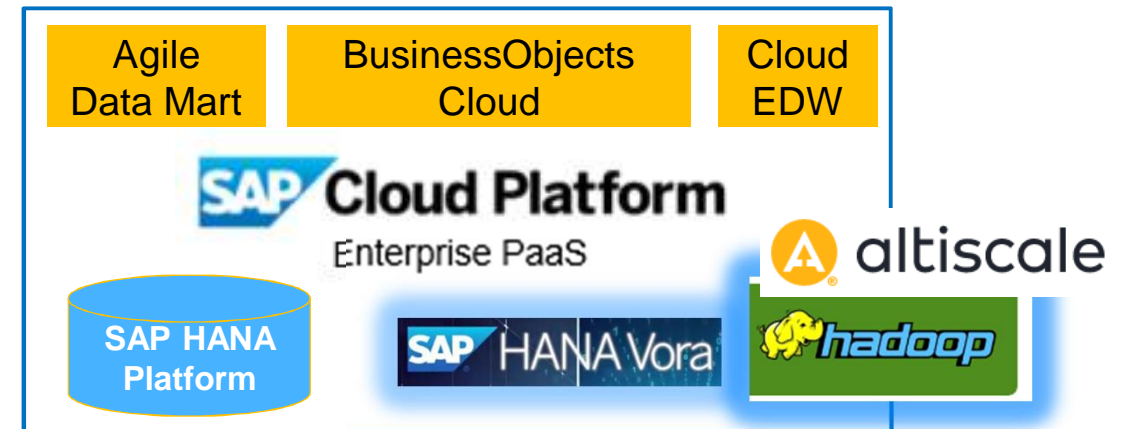
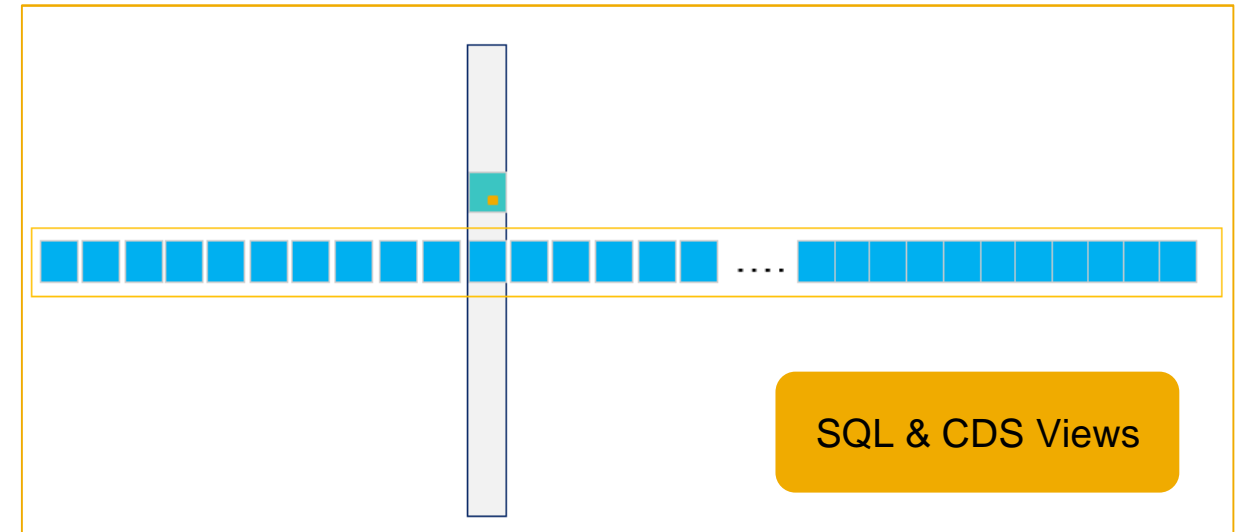
# Simplified Information provisioning with S/4HANA

## Comparison to traditional application design

### Traditional Business Application Design



### S/4HANA Business Application Design\* [\\*more details](#)



# SAP Cloud Platform - The perfect companion for Business Suite to enable agile Data Mart Scenarios


## Any data type at any velocity

### Y High performing in-memory DBaaS / IaaS

- Analytics
- Planning
- Predictive (SAP HANA)
- Predictive (KXCEN – Infinite Insight on SAP HANA and Hadoop)
- Sensor Data – IoT (Leonardo)
- Unstructured data storage and processing
  - o Text Analysis
  - o Sentiment

### Y Self-Service provisioning outside mission critical governance

### Y Planned (for details please see SAP roadmap):

- SAP VORA for in-memory Hadoop querying
- BDaaS – Big Data as a Service on HADOOP  altiscale

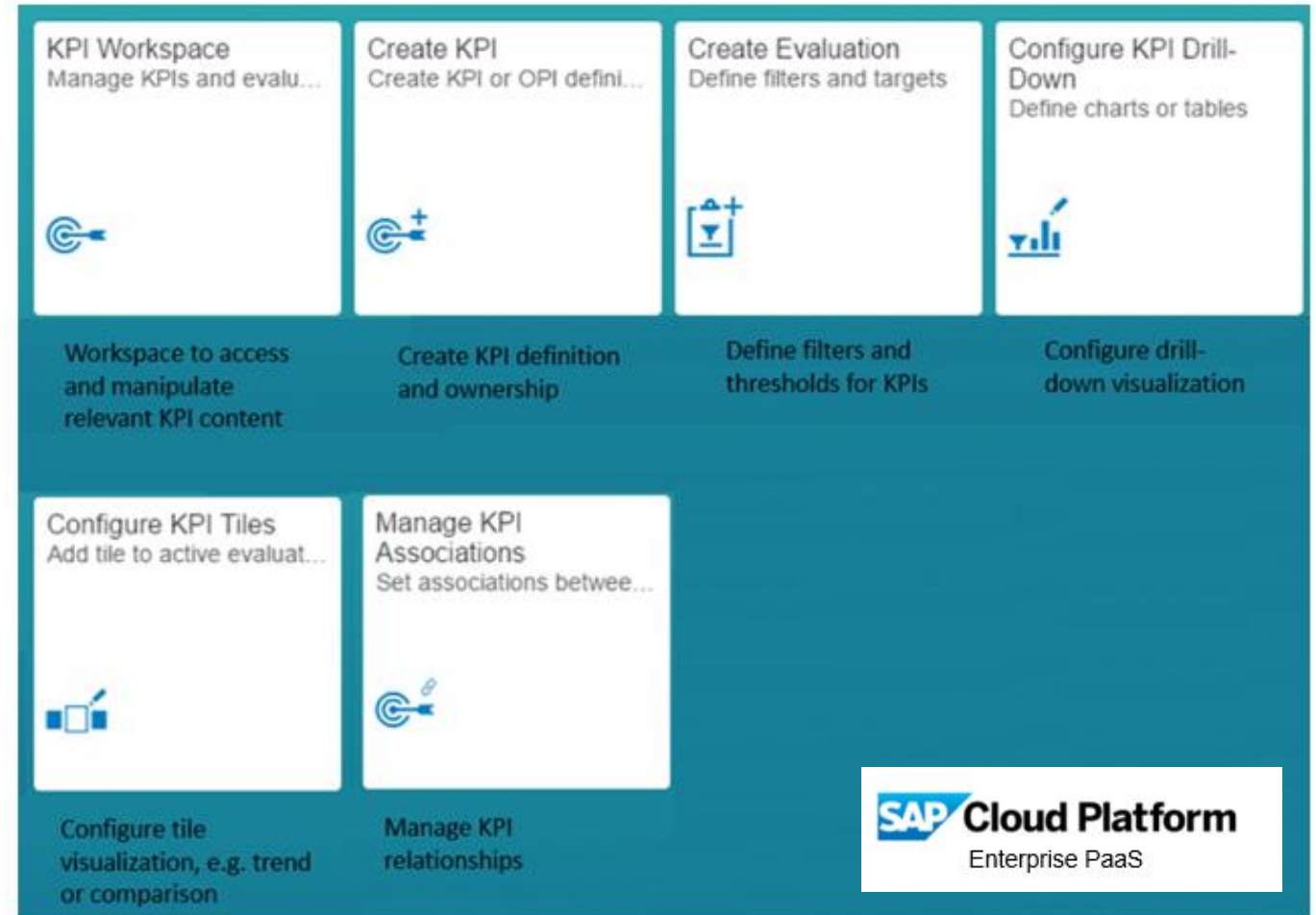


# SAP Smart Business Service in SAP Cloud Platform

<https://blogs.sap.com/2016/10/25/sap-smart-business-service/>

**SAP Smart Business is a framework for exposing strategic (key) and operational performance indicators (KPIs, OPIs) as Fiori applications without the need to write any code**

- Y Supports and integrates On Premise and Cloud
  - Suite on HANA
  - S/4HANA
  - BW/4HANA
- Y Accessible via Fiori Launchpad Tiles
- Y Utilizes ODATA connections via SDA Smart Data Access
  - Open (ABAP) CDS views
  - Native SAP HANA Calculation Views



# SAP Smart Business Content

## Analytic Tiles

Quick Analytic Insights can be presented to the user in Role Specific Fiori Launchpad as the user opens the Launchpad. Wide variety of visualizations are possible. These tiles have the capability to indicate the criticality of KPI's based on the threshold calculations



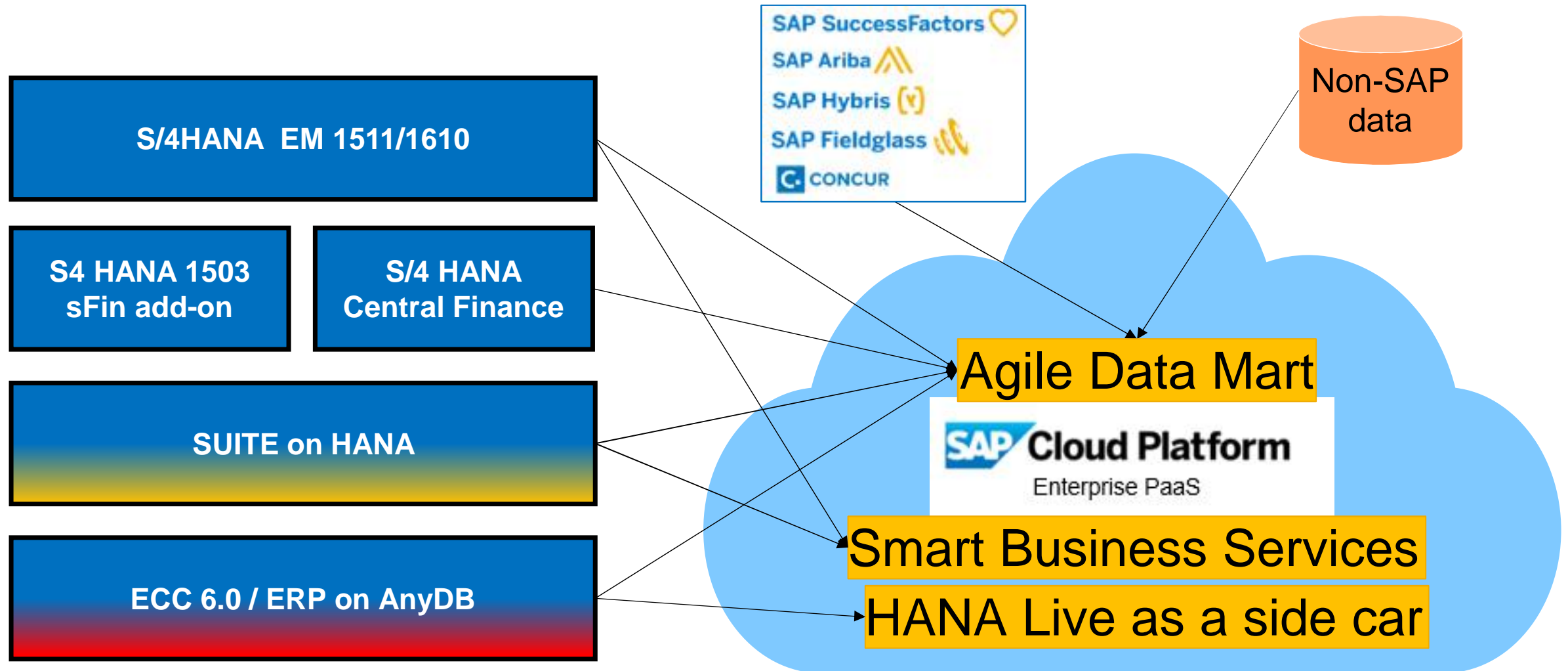
## Interactive Analysis Dashboards

A full screen dashboard application that can visualize the KPI data in different perspectives along with associated KPI's



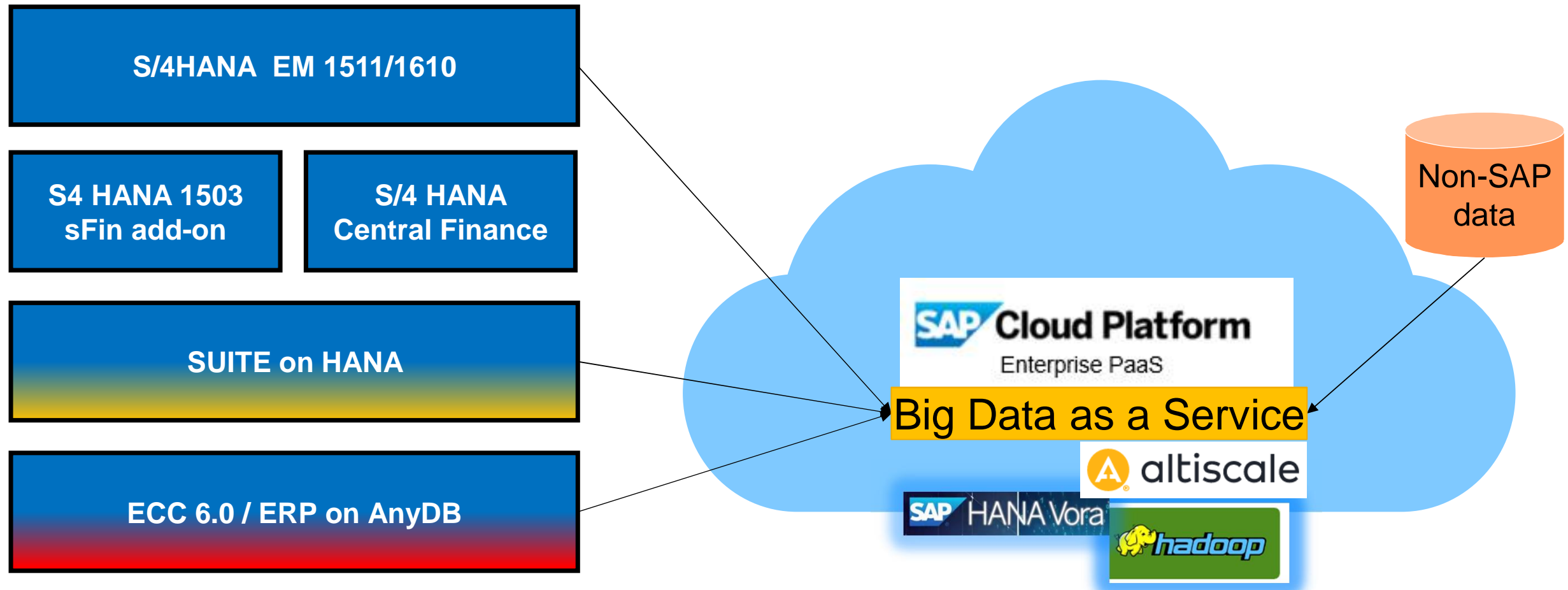
# SAP Business Suite and HCP Deployment Options and Examples

## Agile DataMart as a Service



# SAP Business Suite and HCP Deployment Options and Examples

## Big Data/IoT as a Service



# SAP Cloud Platform

## Sample Use cases for SAP ECC and S/4HANA

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UX/Mobile

Agile Data

**Agile Process**

Accelerate road to S/4HANA

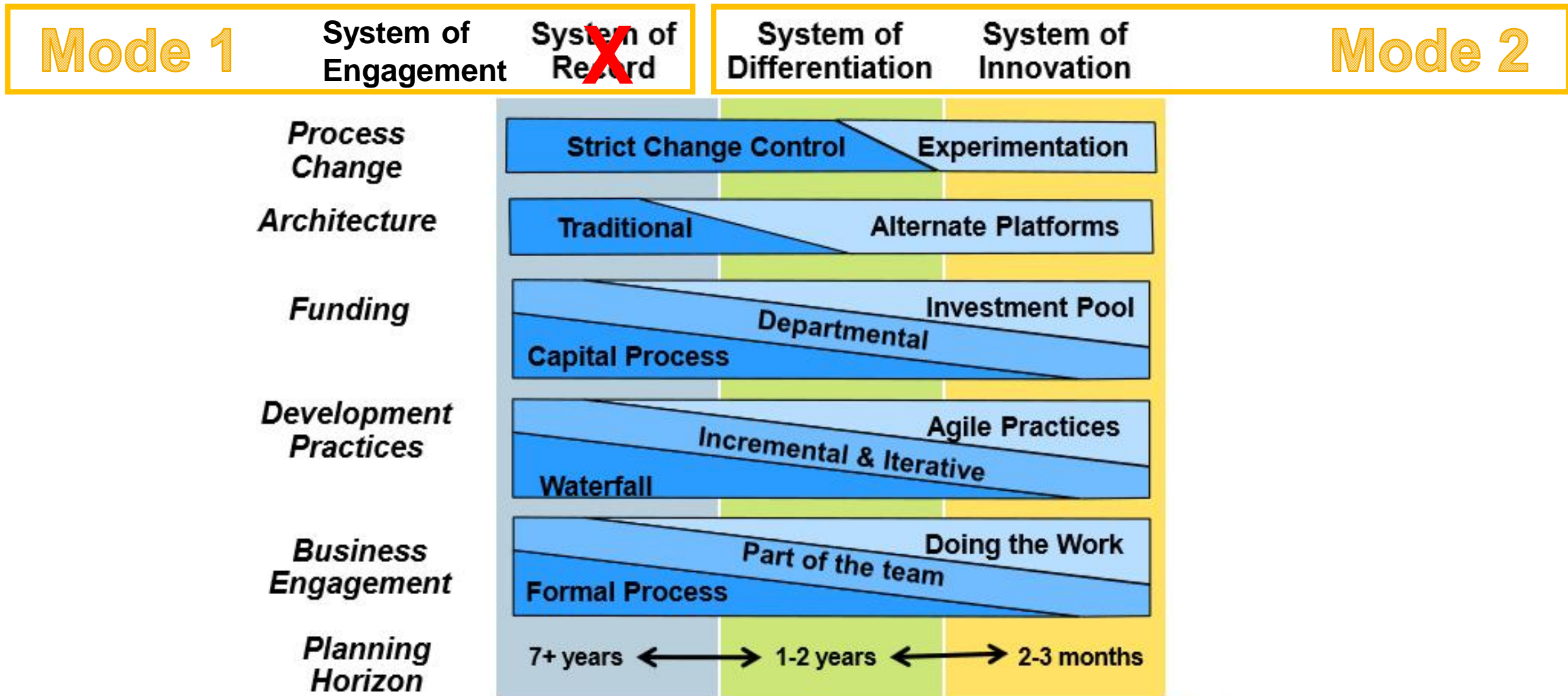


Suite on  
HANA

ECC

# SoR vs. SoE vs. SoD vs. SoI

What is the difference and the relevance for pace layered IT?

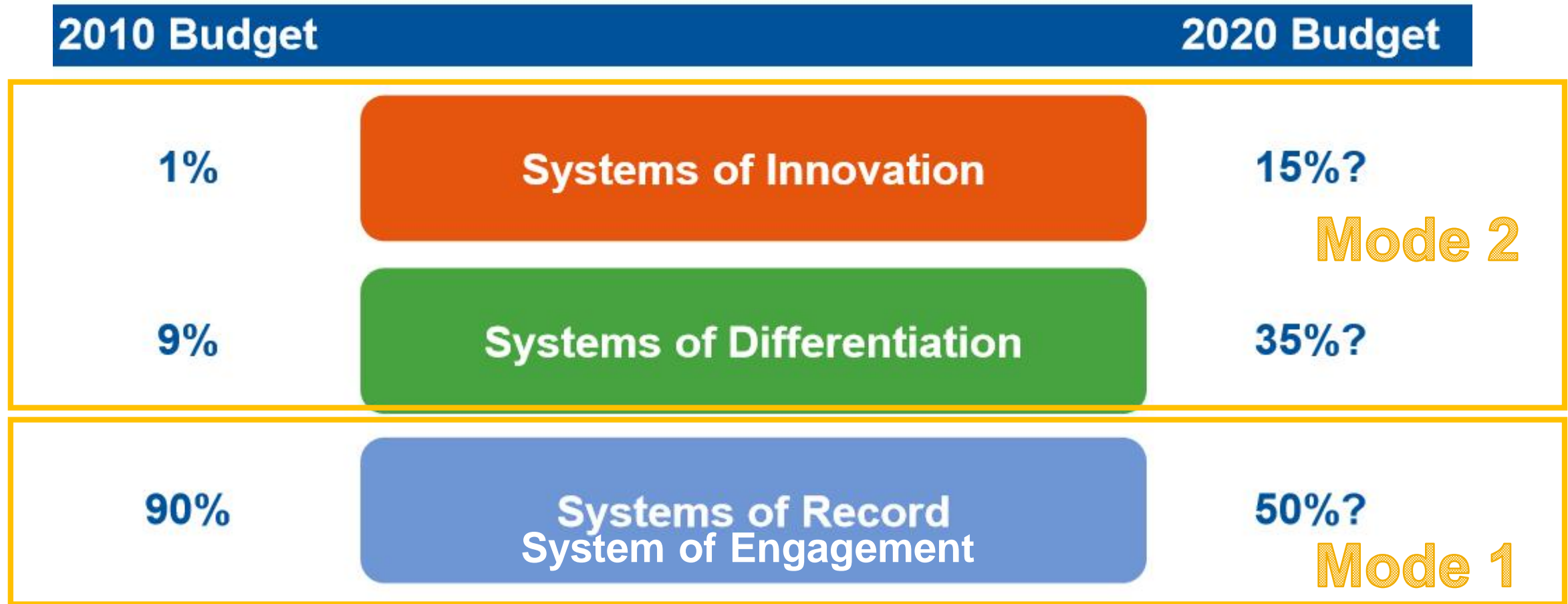


<http://www.gartner.com/technology/research/pace-layered-application-strategy/>

Gartner



# Pace-layered IT - SoR vs. SoD vs. Sol



GartnerSYM

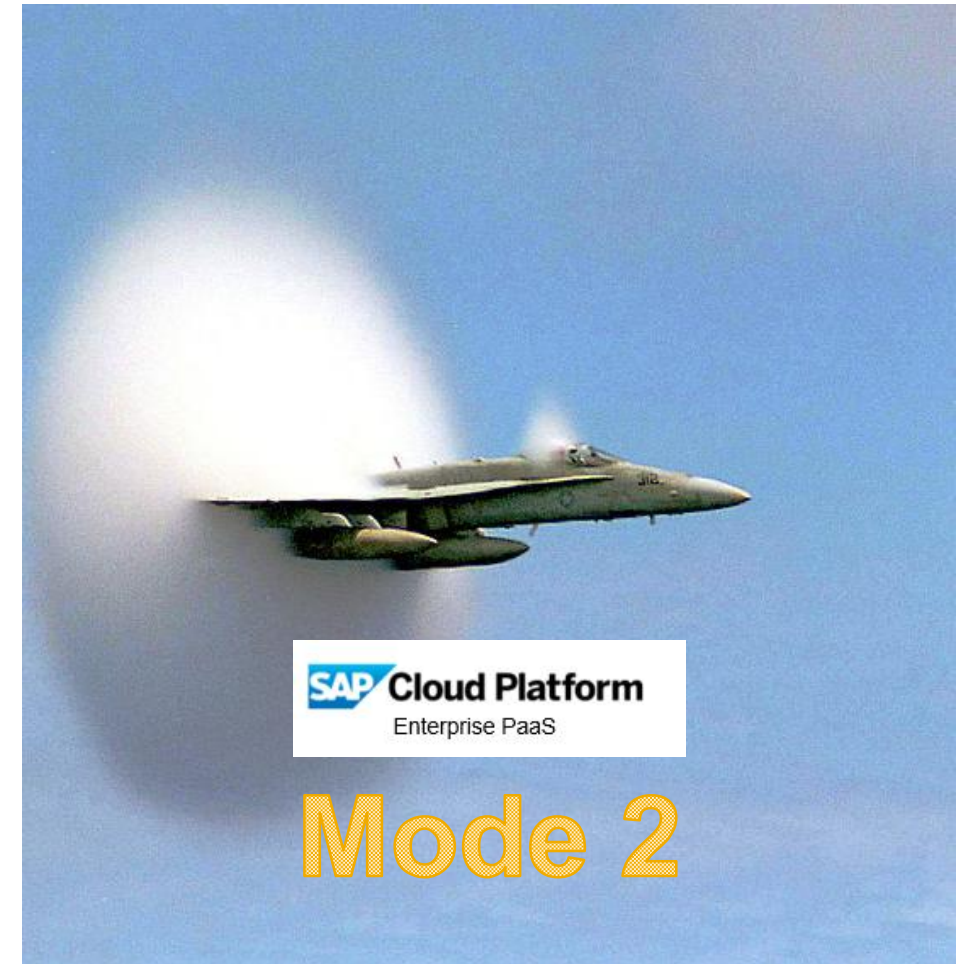
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# Digital Process with SAP Cloud Platform

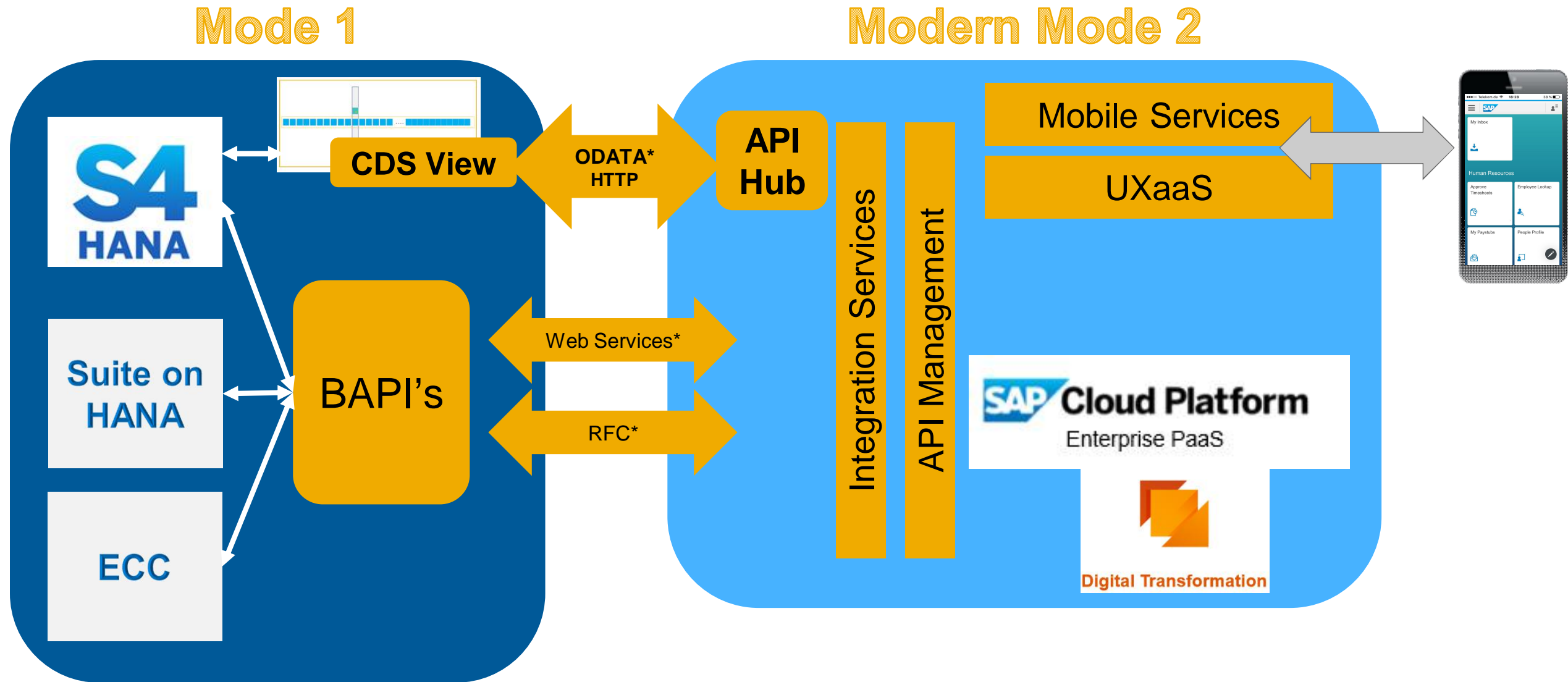
## Mode 2 Application development

- Y PaaS based on open standard – Cloud Foundry
- Y Combined OLAP and OLTP processing
- Y IoT Services
- Y AI - Machine Learning Services
- Y Translation Services
  - Instantaneous Deployment of translated apps
  - Continuous Improvement - machine learning
- Y Flexible integration services API – Micro Services
- Y B2B, B2C, C2B
- Y Enterprise-grade Security



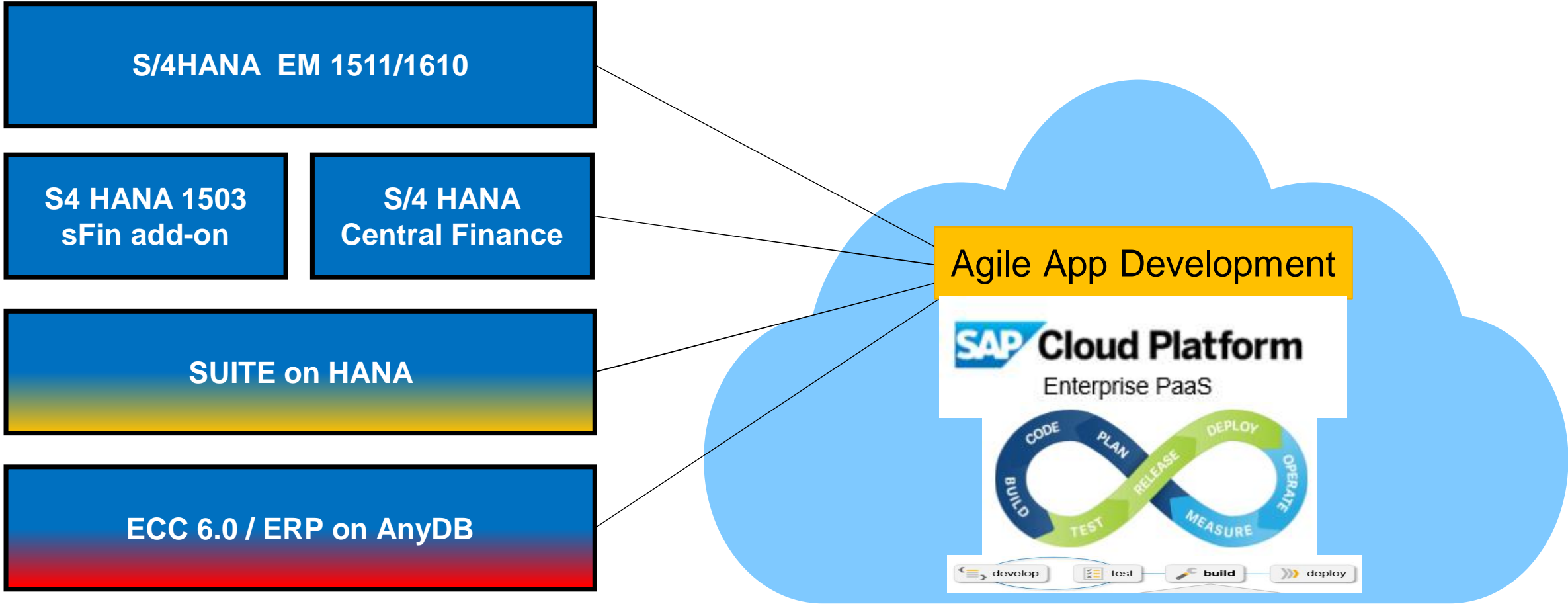
# Development in SAP Cloud Platform

## Build and Run new cloud applications



# SAP Business Suite and HCP Deployment Options and Examples

## Agile App Development - Dev Ops



# SAP Cloud Platform

## SAP API Business Hub <https://api.sap.com/>

SAP HANA Text Analysis Linguistic Anal...

SAP Hybris Cloud for Customer - OData...

SAP Hybris Marketing Cloud

SAP Hybris Product Content

SAP Localization Hub, Tax service

SAP Mobile Services

SAP S/4HANA Cloud

SAP S/4HANA Finance

SAP SuccessFactors - HCM Suite OData...

SAP Translation Hub

SAP Vehicles Network



[Home](#) / [API Package \(SAP S/4HANA Cloud\)](#) /

### SAP S/4HANA Cloud

SAP S/4HANA Cloud

Version: 1

Consumer Rating



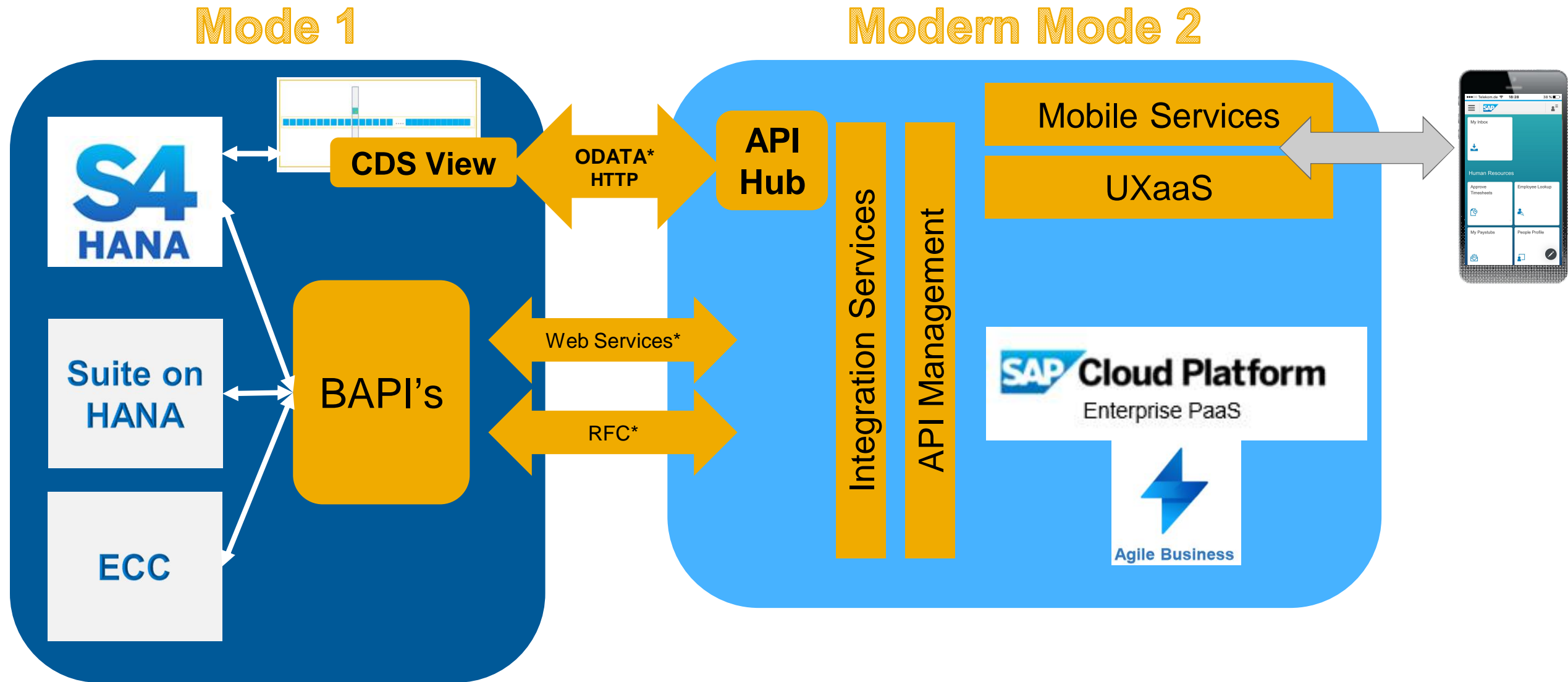
API (13)

RATINGS



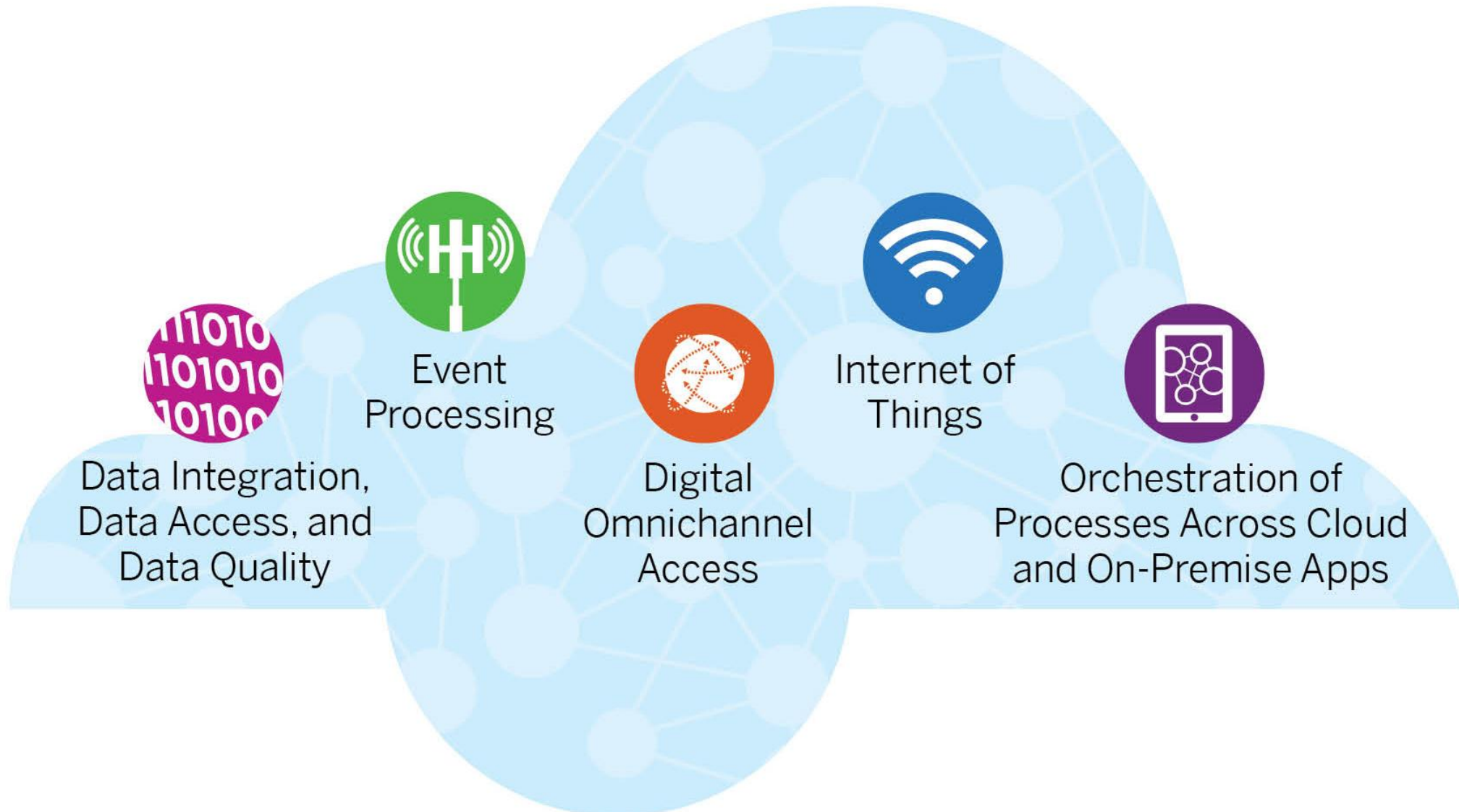
Name	Version	Type	Description	Action
<a href="#">Read Commercial Project Details</a>	1.0	REST	This service allows you to read project information such as project dates, accounting details, work packages, work items, assigned roles and resources, and planned effort. You can use this service to integrate project information with applications for staffing and time recording.	<a href="#">↓</a>
<a href="#">Replicate Business Partners from Client to S/4 System</a>	1.0	SOAP	Inbound Interface for Business Partner Data Replication Request	<a href="#">↓</a>
<a href="#">Read Cost Center Data</a>	1	REST	Cost Center Data Provider	<a href="#">↓</a>

# Extensions in SAP Cloud Platform – Add new functionality to cloud and on premise applications



# SAP Cloud Platform Integration Services

## Covering the Full Spectrum of Cloud Integration



# SAP Cloud Platform Integration Services

## Prepackaged Integration for SAP and non-SAP applications






Currently:

88

prepackaged integrations

NEW (10) ALL (88)

<p>SAP Hybris Cloud for Customer Integration with SAP Hybris Marketing Integration Package</p>  <p>SAP Version: 1702</p> <p>Published: 2 days ago</p>	<p>ERP to SuccessFactors Employee Central Confirmation Integration Package</p>  <p>SAP Version: 2.0.0</p> <p>Published: 5 days ago</p>	<p>ERP to SuccessFactors Employee Central Cost Center Integration Package</p>  <p>SAP Version: 3.1.0</p> <p>Published: 5 days ago</p>
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<https://cloudintegration.hana.ondemand.com/#/shell/discover>

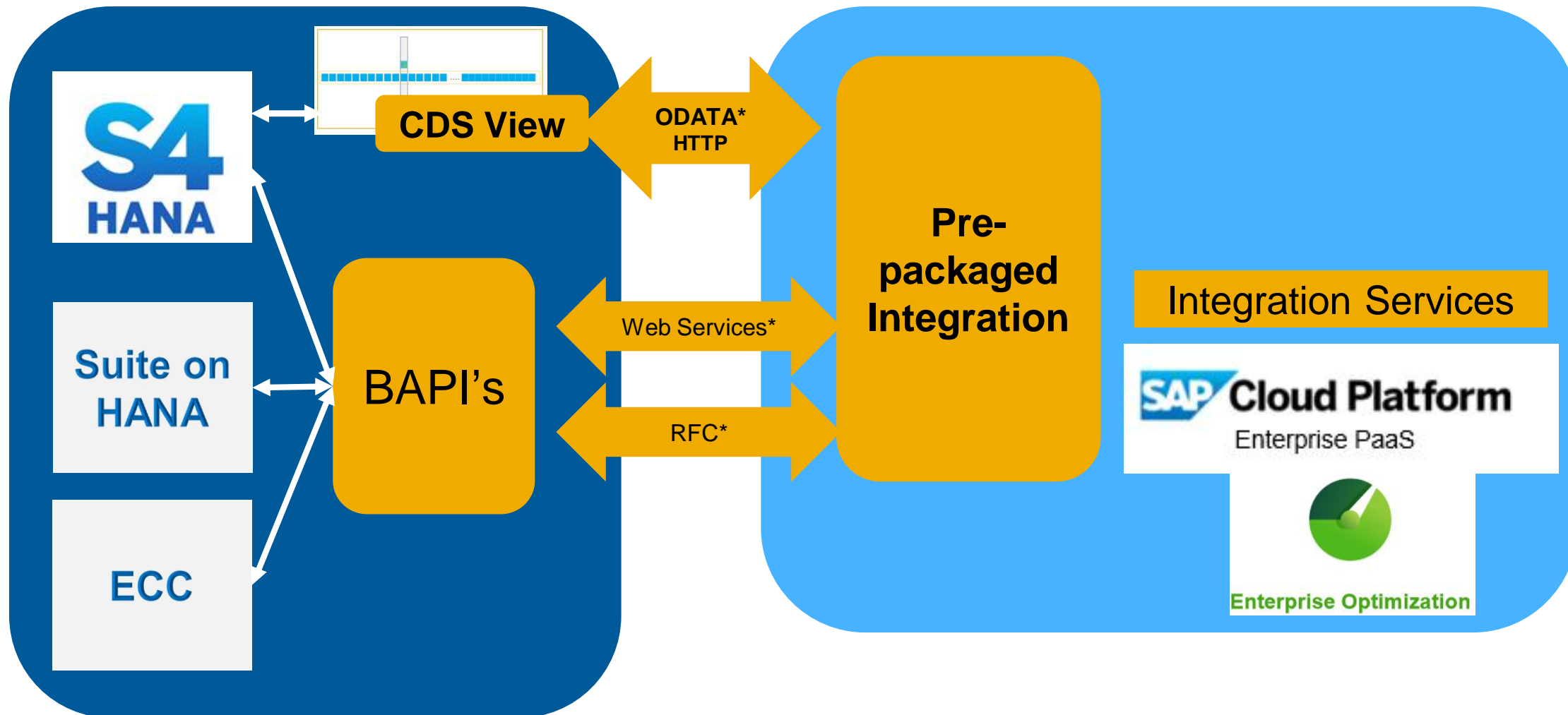


# Integrations in SAP Cloud Platform

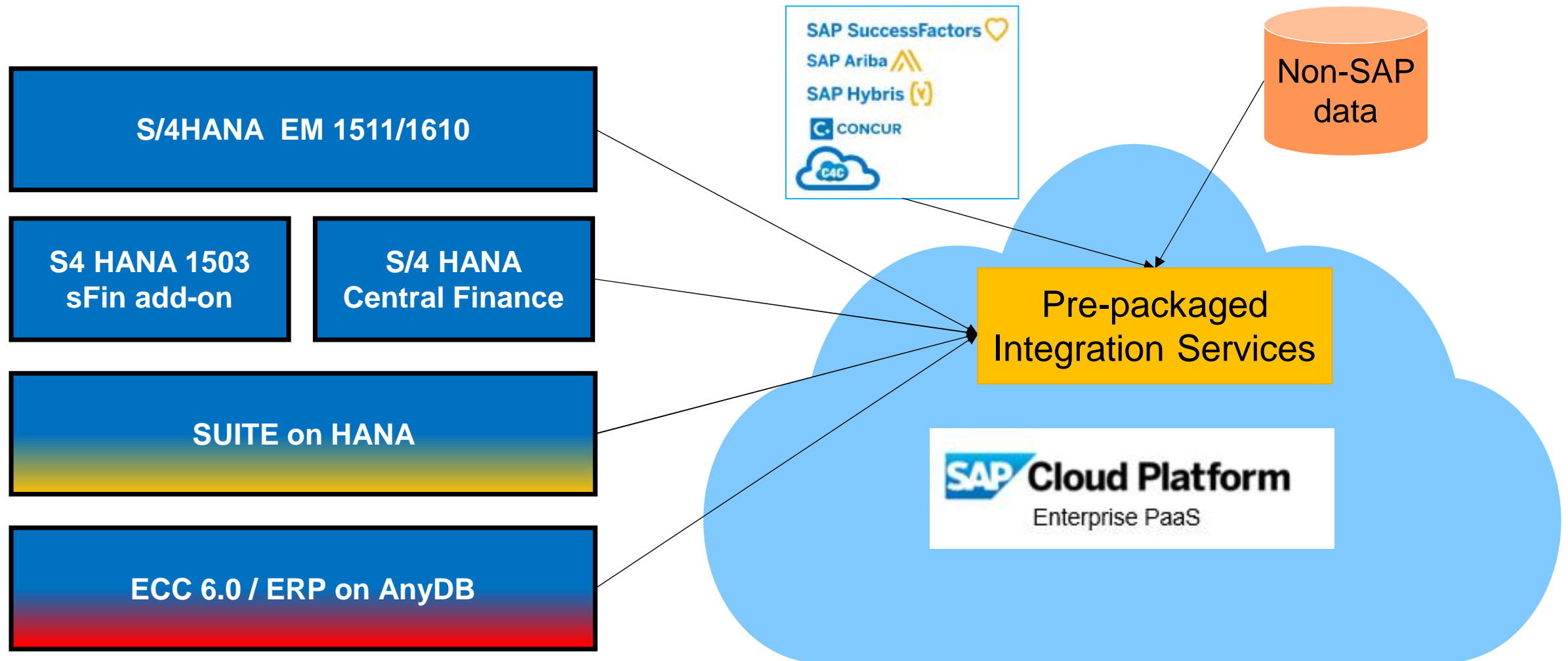
## Integrate your cloud and on-premises applications

### Mode 1

### Modern Mode 2



# SAP Business Suite and HCP Deployment Options and Examples Integration Services



# SAP Leonardo IoT Portfolio

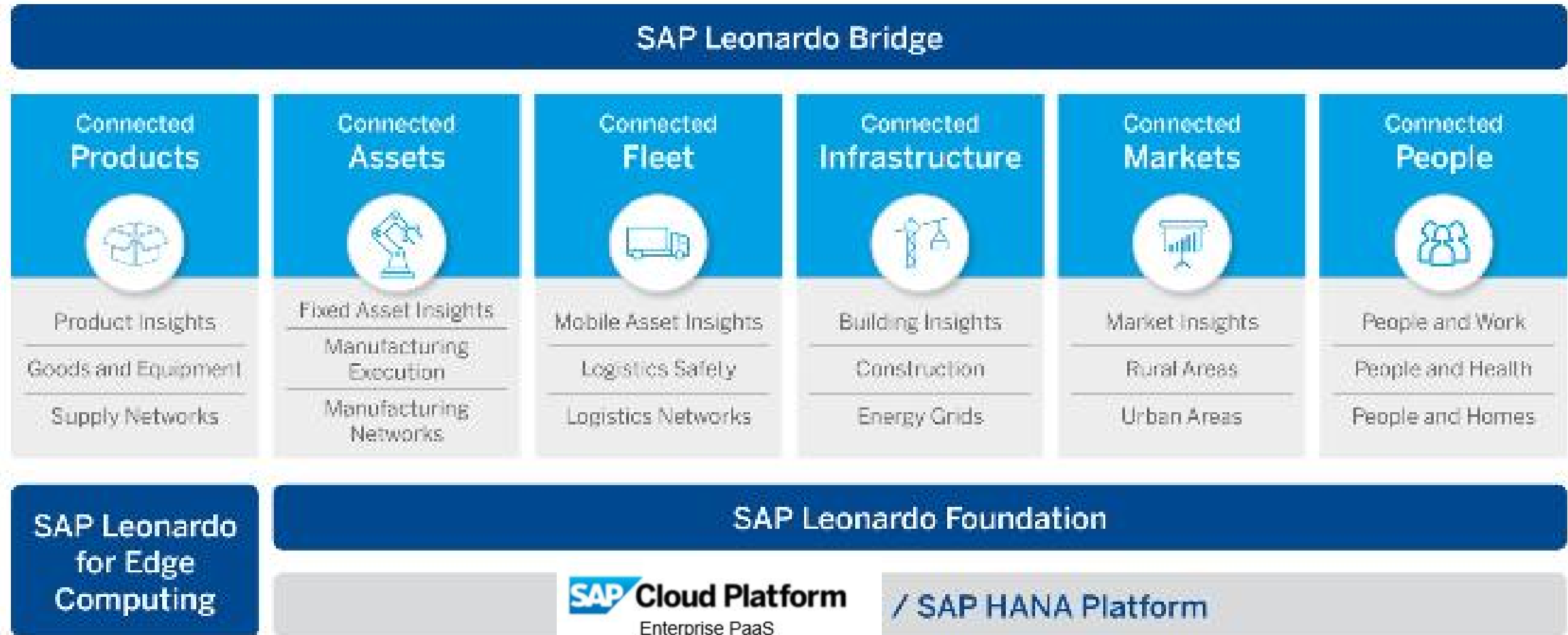
## Digitally connecting ERP with IoT

- Y Connected products across all industries
- Y Connected assets to track, monitor and analyze fixed assets,
- Y Connected fleet for moving assets (such as vehicles, robots, fork lifts and autonomous vehicles)
- Y Connected infrastructure for new digital operational intelligence from physical-infrastructure systems,
- Y Connected markets to enable new production, and business models
- Y Connected people and communities and providing better, more personalized lifestyle experiences



<http://news.sap.com/jump-start-enablement-program-sap-leonardo-iot-portfolio/>

# SAP Leonardo Bridge combines real-time information from connected things with business processes to turn extended supply chains into live supply chain environments



# SAP Cloud Platform

## SAP Clea – ML machine learning apps and technology



Finance: Automating payments



Recruiting: Finding the right job candidate



Marketing: Logo and brand recognition



Customer service: Anticipating needs



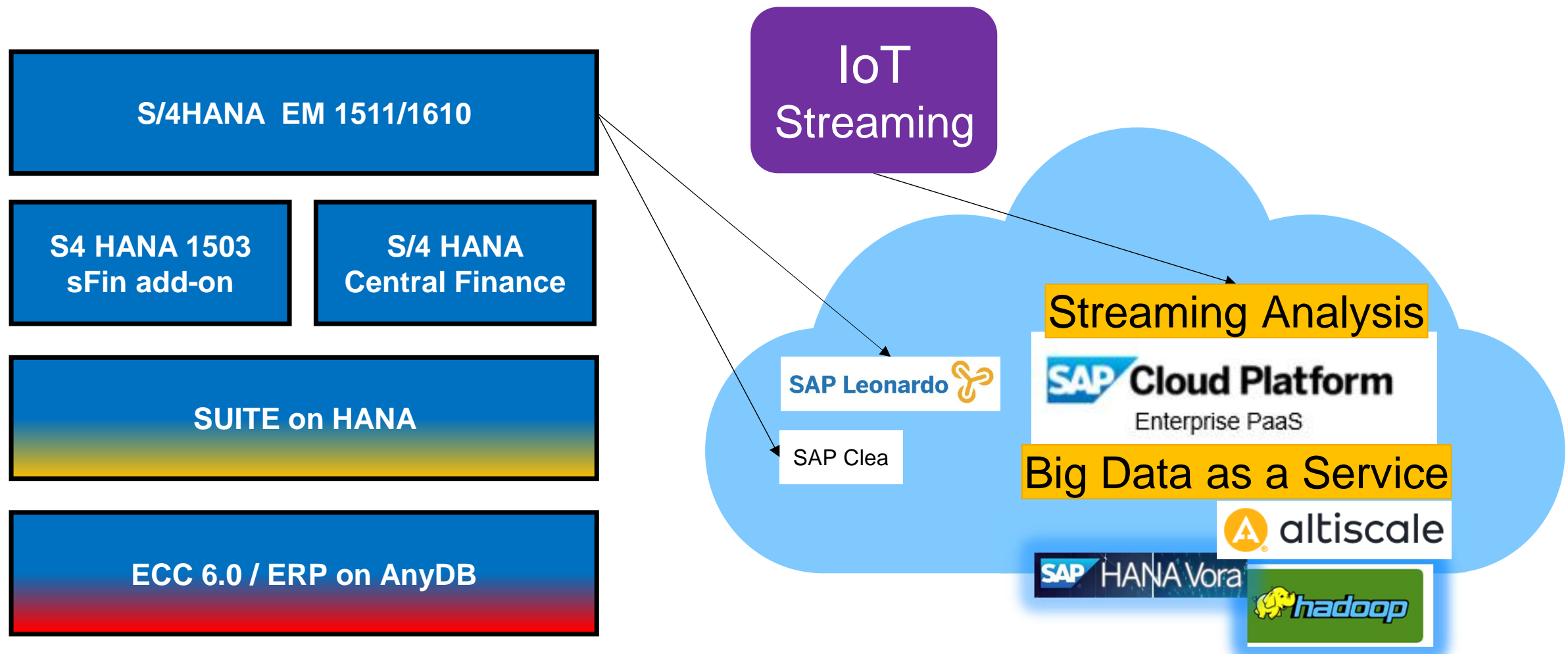
Sales & Marketing: Loyalty and retention

<http://www.sap.com/solution/machine-learning.html>

<https://blogs.sap.com/2017/01/30/shaping-the-future-of-digital-economy-and-society/>

# SAP Business Suite and HCP Deployment Options and Examples

## Big Data/IoT as a Service



# Why



# ?

# Part 3

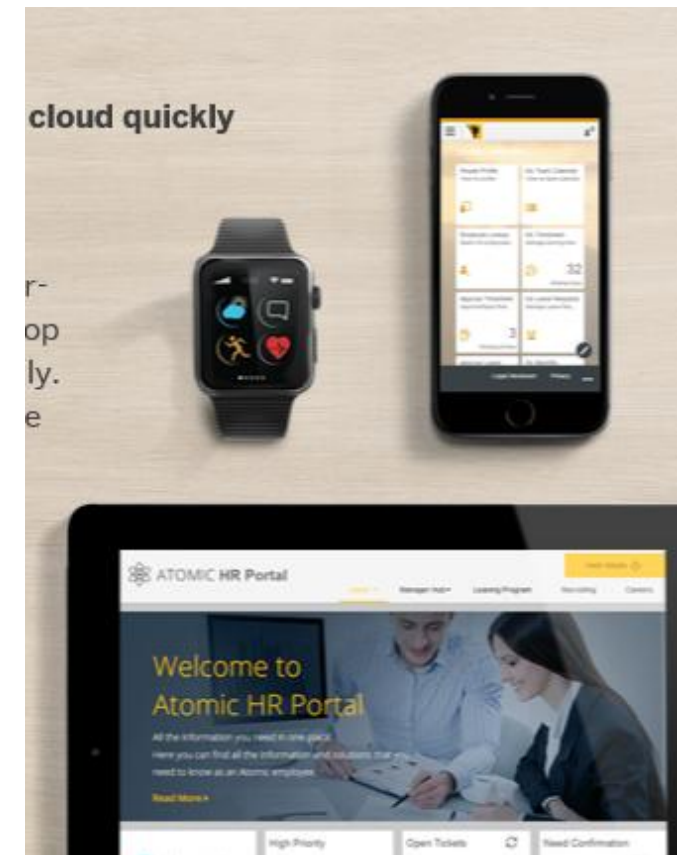
# SAP Cloud Platform Applications

## SAP-built and SAP Partner-built

### Objectives:

- Short time to value through cloud delivery
- Continuous delivery of new features
- No version dependencies between source system and cloud solution
- No upgrade effort through cloud delivery
  - **No EHP install required\***
  - **No Release upgrade required\***
  - \* depending on your release and specific application

**SAP Cloud Platform**  
Enterprise PaaS







# S/4HANA Finance

Innovation delivery and consumption with  
SAP-built SAP Cloud Platform apps  
eliminating\* ERP – S/4HANA Release  
upgrades and/or EHP's

 **SAP Cloud Platform**  
Enterprise PaaS

\*Pls see roadmap for Exceptions

## Extensions - Overview

Customer

# SAP S/4HANA Finance Cloud for customer payments

## Let customers access their account details with self-service scenarios

**SAP S/4HANA Finance Cloud for customer payments** provides a self-service offering to enable our customers to deploy electronic bill presentment and payment processes as part of their digital business strategy to improve customer collaboration and reduce repetitive calls into the back office.

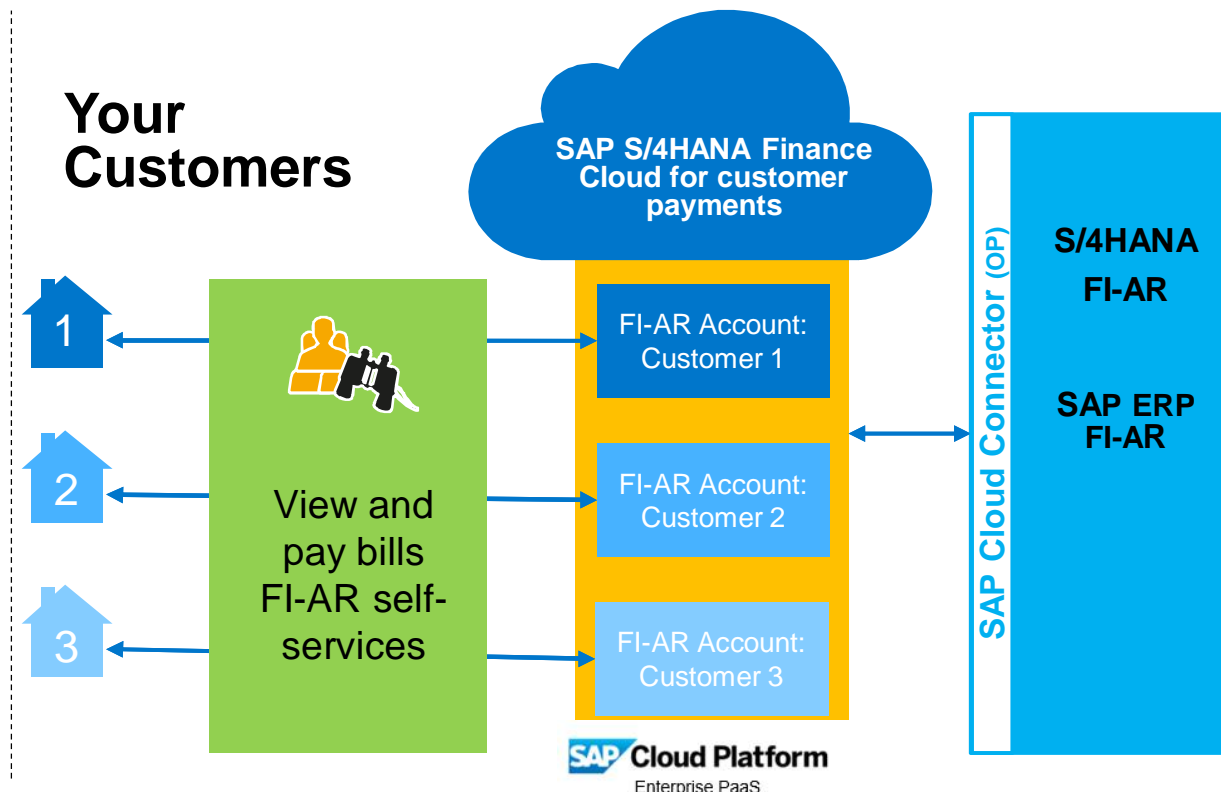
Organizations where customers are billed electronically and can view their account/payment status have on average **64.9% lower AR costs (as % of Revenue)** and **17.6% lower Overdue Receivables**.

SAP Performance Benchmarking

- § Increased customer collaboration and satisfaction
- § Increased transparency for customers and back office
- § Reduced effort and higher accuracy in A/R

### S/4HANA Finance Cloud for customer payments enables **YOUR** customers to

- § View bills
- § Make payments
- § Start the dispute resolution process
- § View their master data and inform you of any changes
- § Perform annual balance confirmations



#### Prerequisites:

ERP 6.0 or newer  
S/4HANA (on premise and private option)  
FI-AR

[Demo Video](#)

[www.sap.com/receivables](http://www.sap.com/receivables)

# SAP S/4HANA Finance Cloud for credit integration

## Automate credit scoring and limits across your entire customer base

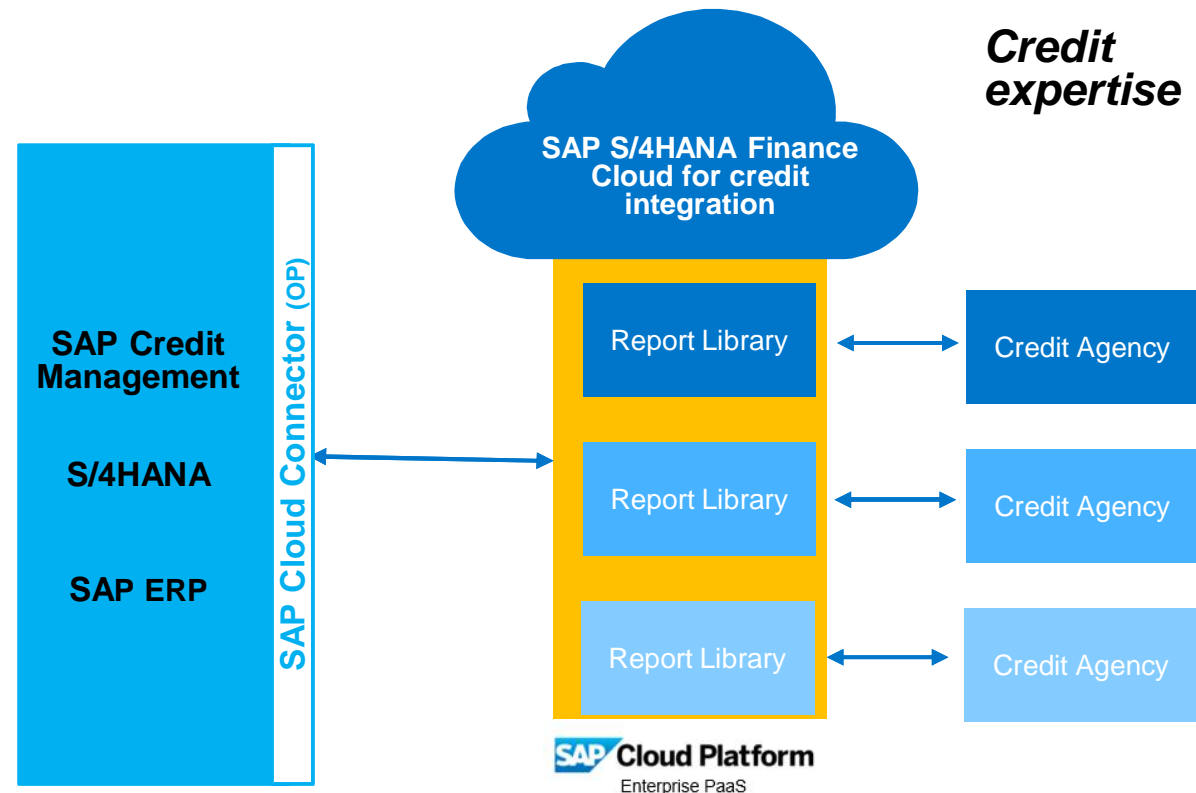
**SAP S/4HANA Finance Cloud for credit integration** helps you connect to the world's leading credit bureaus. Accessible with a single click from your existing credit management processes, full credit reports are available in your dedicated library, while key metrics drive your rating processes.

**Automate credit management for >85% of your customer portfolio.**

- § Focus your credit team's attention on key customer segments
- § Save time and manual efforts through automation
- § Choose from wide base of credit bureaus
- § Accelerate credit processing

**S/4HANA Finance Cloud for credit integration enables you to**

- § Respond immediately to changing credit conditions
- § Reflect external ratings updates immediately in your scorecards
- § Link credit risk monitoring services from leading credit experts with your S/4 or ECC system
- § Improve your scorecard accuracy



**Prerequisites:**  
 ERP 6.0 or newer  
 S/4HANA (on premise and private option)  
 SAP Credit Management

[Demo Video](#)

[www.sap.com/receivables](http://www.sap.com/receivables)

# SAP Financial Statement Insights for Profit and Loss

## Enable finance professionals to discover hidden trends



**SAP Financial Statement Insights** enables finance professionals to reveal hidden trends and leverage unused potential from financial information by performing personalized ad-hoc analysis of financial statements in real-time.

**Optimize the organizational structure of the majority of our S/4HANA Finance customers**

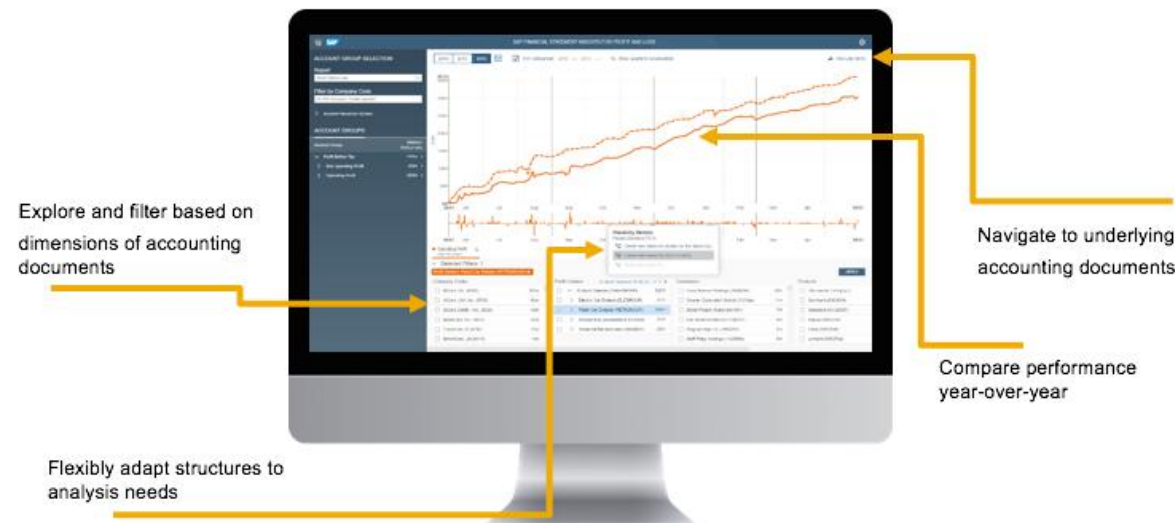
- § Save time and manual efforts through ad-hoc view
- § Flexible data exploration
- § Instantly identify areas for business improvement
- § Enabling business to react and adapt instantly to changes in economic environment
- § Accelerating business adaptation to digital processes

### SAP Financial Statement Insights enables you to

- § Create Real-time reporting with finest granularity based on transactional accounting
- § Answer upper management inquiries on the fly
- § Display and simulate organizational changes on the fly, based on actuals
- § Identify areas for strategic focus and business improvement
- § Create a individual business structure in order to analyze and isolate specific segments

### SAP Financial Statement Insights

Answer upper management inquiries on the fly



**SAP Cloud Platform**  
Enterprise PaaS

**Prerequisites:**  
S/4HANA Finance or  
S/4HANA (On premise or private option)  
S/4HANA Cloud 1611

[Demo Video](#)

[www.sap.com/FinInsights](http://www.sap.com/FinInsights)

# SAP RealSpend

## Enable cost-center managers get maximum out of their budgets

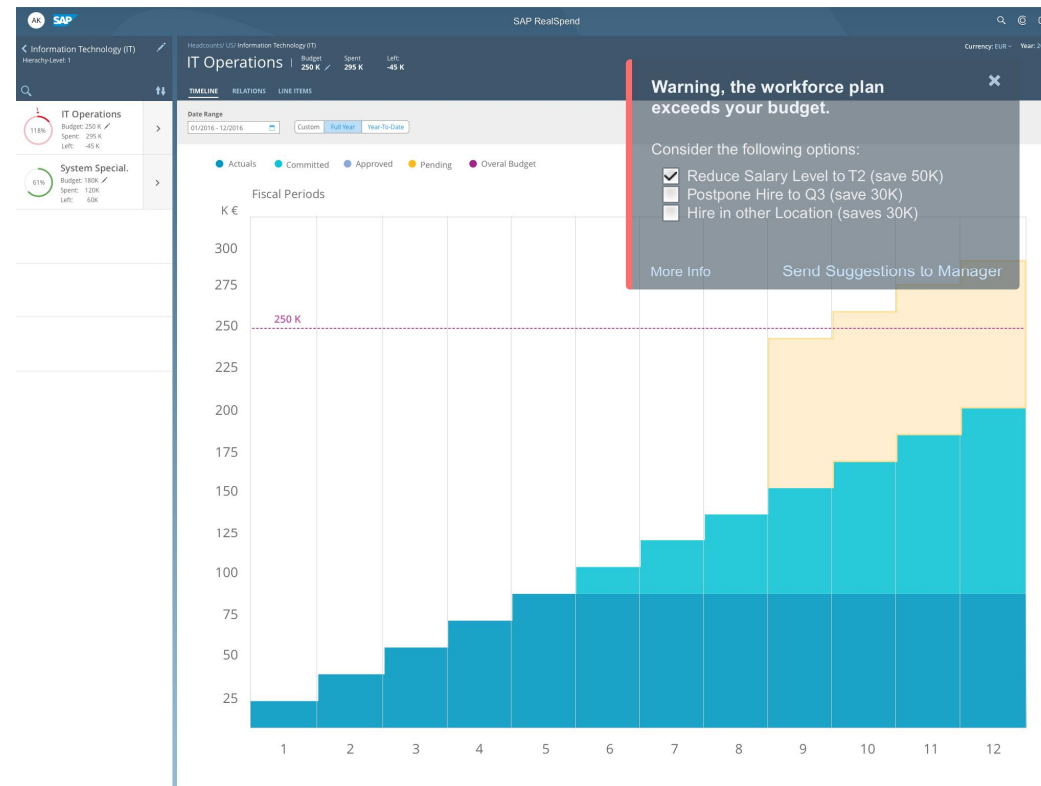


**SAP RealSpend** enables cost-center managers to manage spending situation in real-time and get the maximum out of a given budget. It accesses the universal journal of S/4HANA Finance and gives managers real-time insights into their spending situation.

### Enable line managers to maximizing budget utilization

#### SAP RealSpend

- § Enables line managers to proactively manage spending in real time for all current and future activities maximizing budget utilization
- § Extends Spending Visibility & Decision Making to Line Managers
- § Is easy to implement in just 6 easy steps



- § Provides complete spending visibility
- § Reduces complexity
- § Manages spending in real-time
- § Offers fine-grained spending analysis
- § Ensures adherence to corporate budgets
- § Allows reprioritizing of spending targets

**Prerequisites:**  
S/4HANA Finance or  
S/4HANA (On Premise)

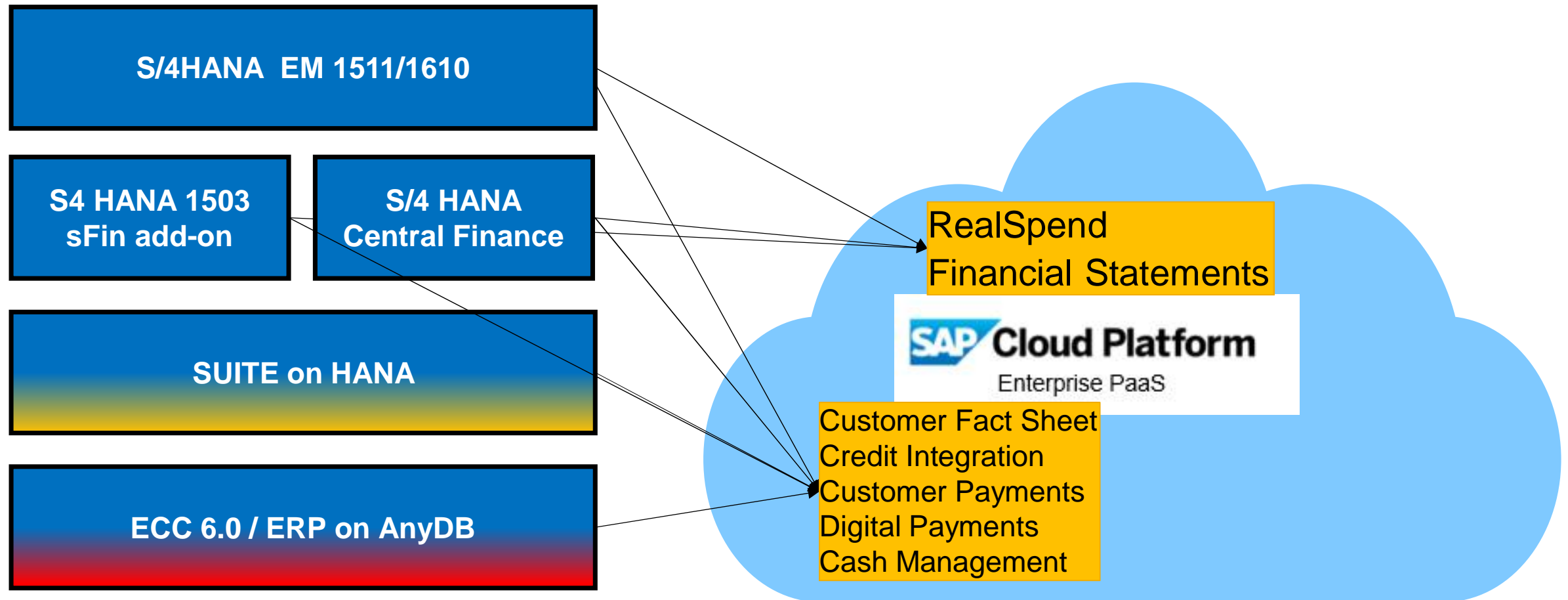


[Demo Video](#)

[www.sap.com/RealSpend](http://www.sap.com/RealSpend)

# SAP Business Suite and HCP Deployment Options and Examples

## SAP HCP Apps - Finance



# Why



## Cloud Platform

Enterprise PaaS

# ?

## Part 4

Yes, we can agree.....

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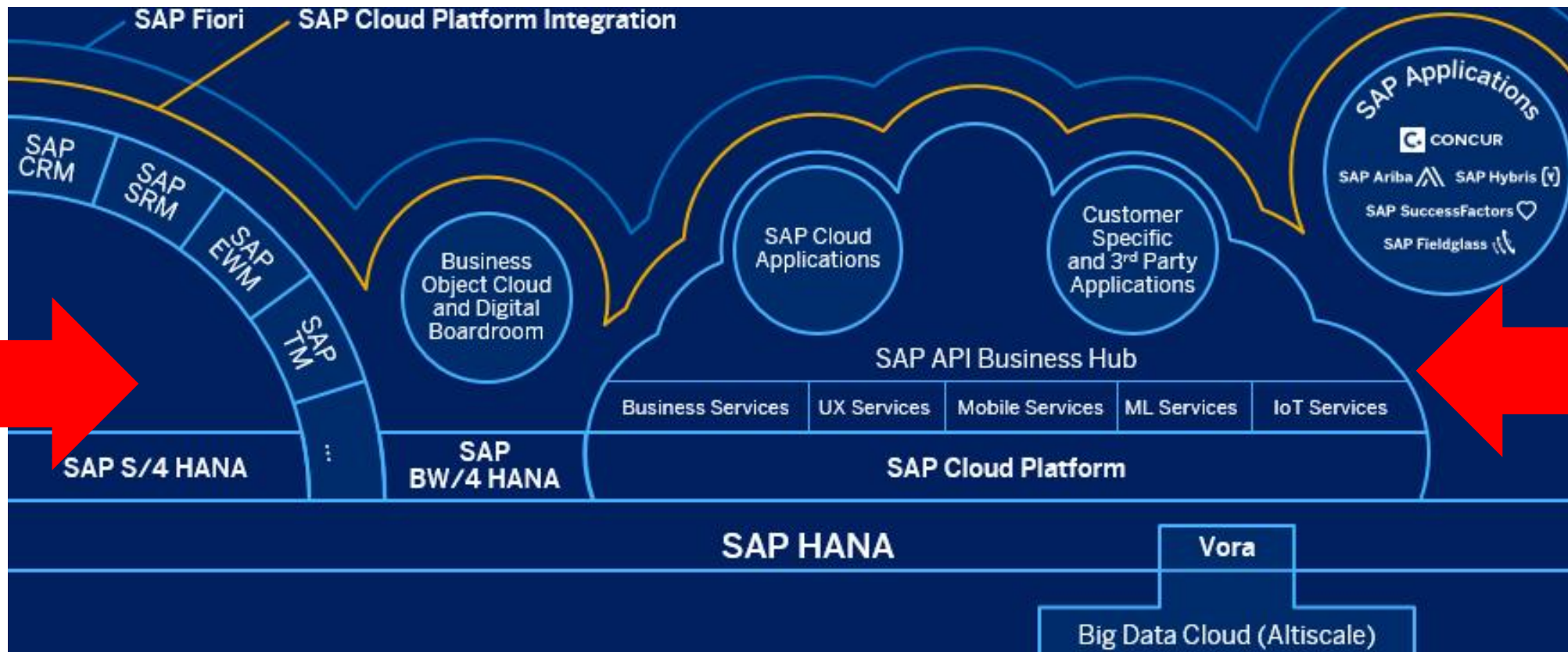
**"the suite vendors always  
beat the point solution  
guys"**



Microsoft Azure



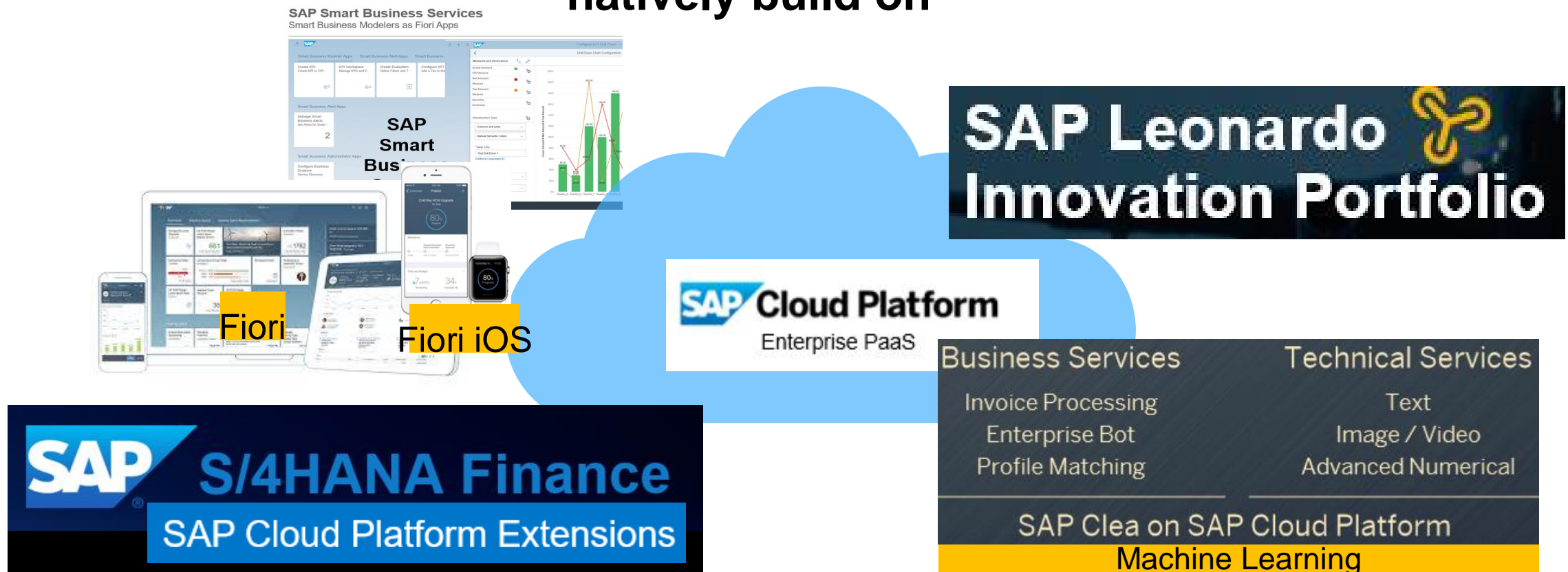
1 platform or n platforms?



**“By 2020, 75% of Application Purchases supporting Digital Business will be "Build," Not "Buy"”**

**Build in mode 2 decoupled from the stable core**

**Build on the same platform, the SAP mode 2 digital innovations have been natively build on**



# SAP Cloud Platform

## Sample Use cases for SAP ECC and S/4HANA

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UX/Mobile

Agile Data

Agile Process

**Accelerate road to S/4HANA**



Suite on  
HANA

ECC

# Guiding principles to accelerate S/4HANA journey

## Keep the digital core stable, clean and lean for S/4 conversion

### **Decouple modifications from stable core**

- ÿ Reduce code optimizations
- ÿ Minimize regression testing
- ÿ Run innovations in parallel to S/4HANA conversion project

### **Start Fiori and mobile journey in SAP Cloud Platform**

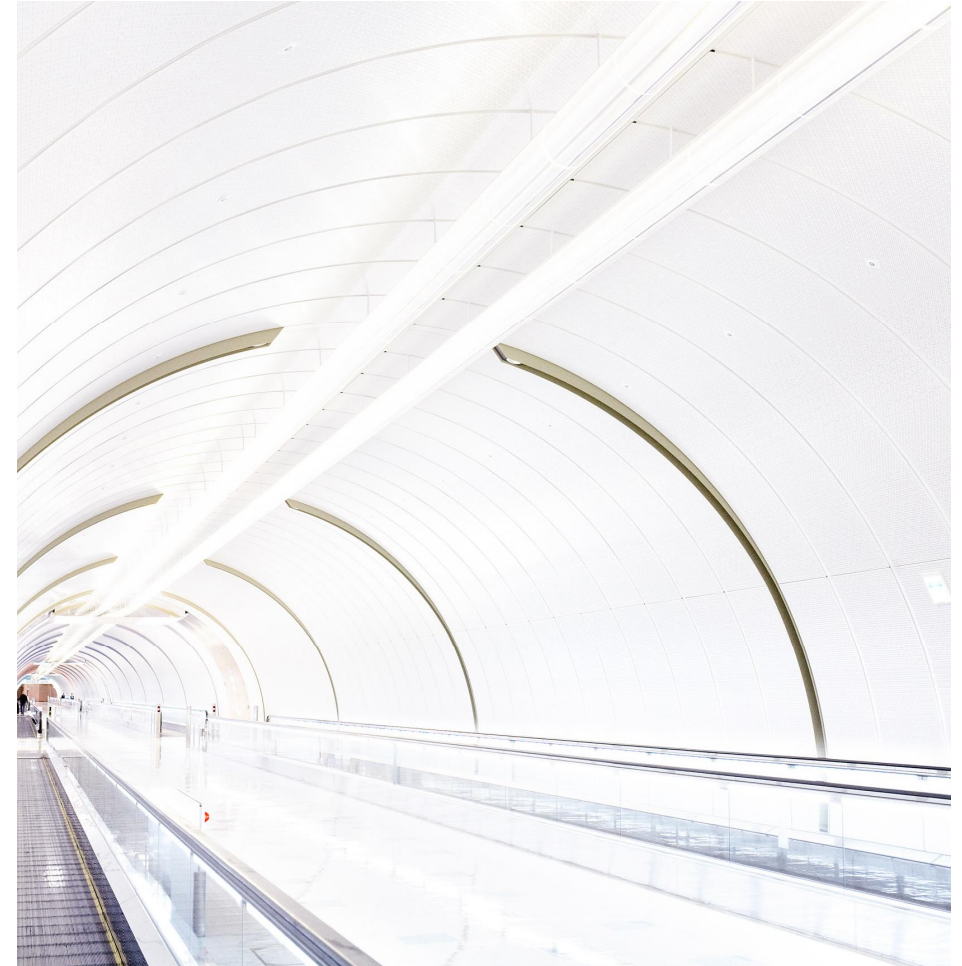
- ÿ Decoupling custom UX dev from the stable core
- ÿ Developing mobile apps for B2B, B2C, C2B

### **Agile data mart**

- ÿ Running BI and Predictive Self-Services in SAP Cloud Platform sidecar

### **Consuming innovations without upgrades**

- ÿ LoB Finance innovations delivered via SAP Cloud Platform applications
  - ECC 6.0+
  - S/4HANA Finance



# SAP Cloud Platform accelerates S/4HANA conversions

## Split required customizations in mode 1 and 2 prior to conversion

### Prior to S/4 conversion

Decoupling Digital Experience from the stable core

- Y Suite on HANA customers
- Y ERP on AnyDB customers - ECC 4.6 -> ECC 6.0 customers

Separating / Outsourcing of existing non-SAP data reliant code to a SAP Cloud Platform sidecar deployment

- Y Reducing code optimizations in stable core
- Y Minimize regression testing in stable core

### Parallel to S/4 conversion

Agile Operational Reporting

- Y Combine SAP with non-SAP data
- Y Predictive Services
- Y IoT Services



# Accelerate road to S/4HANA by keeping the digital core (c)lean with SAP Cloud Platform

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## Conversion

- ÿ Apply B2S Back-to-Standard principles
- ÿ Evaluate existing Custom Code extensions
- ÿ Decouple customizations from S/4HANA wherever feasible
  - Business Logic outside stable core
  - 80% of data are non-SAP data
  - UXaaS development
- ÿ Optimize remaining custom code for S/4HANA



Your Path to  
**SAP S/4HANA**

# SAP Cloud Platform fast-tracks greenfield implementations

## Keeping the new stable core clean and lean from the start

### Decoupling UXaaS from the stable core

- ÿ Fiori as a Service incl. Mobile App development
- ÿ Deploy traditional roles as user-specific mobile apps

### Keep mission-critical system lean

- ÿ Upgrade on a regular base
- ÿ Consume SAP delivered innovations frequently
- ÿ Stay on top of technological advances
- ÿ De-couple Mode 2 development

### Agile Operational Reporting

- ÿ Combine SAP with non-SAP data
- ÿ Predictive Services
- ÿ IoT Services

### Consuming innovations without upgrades

- ÿ LoB Finance innovations delivered via SAP Cloud Platform applications
  - S/4 Finance



# Links

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## [www.sap.com/roadmaps](http://www.sap.com/roadmaps)

Platform and Technology, Products, Technology Platform,

ÿ SAP Cloud Platform Q1-2017

ÿ SAP HANA Cloud Platform, portal service and SAP Enterprise Portal

ÿ SAP HANA Cloud Platform Identity Authentication (formerly SAP Cloud Identity)

ÿ SAP HANA Cloud Platform Identity Provisioning

ÿ SAP HANA Cloud Platform, integration service (previously called SAP HANA Cloud Integration)



# Extending SAP S/4HANA with SAP Cloud Platform

Enterprise PaaS

Thomas Bieser

SAP S/4HANA is a real-time ERP suite for digital business. Built on SAP's advanced in-memory platform, SAP HANA, it offers a personalized, consumer-grade user experience with SAP Fiori. SAP HANA Cloud Platform is an open standards-based, in-memory platform-as-a-service (PaaS) designed for today's increasingly networked, mobile, social and data-driven world. SAP HANA Cloud Platform is available to enable companies to build their own extensions and adapt standard business software to their needs.

This latest openSAP course on SAP HANA Cloud Platform provides you with essential knowledge and typical scenarios for extending SAP S/4HANA on-premise with SAP HANA Cloud Platform.



Wednesday, January 11, 2017 09:00 (UTC) to Thursday, March 02, 2017 09:05 (UTC)

<https://open.sap.com/courses/hcp3a1>



# Thank you

## Contact information:

Erich Schneider



S/4HANA + Suite Extensions

Global Program Management  
for ERPsim4HANA

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