BTP and a Modern Analytics Architecture

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Practice Lead - Analytics

NIMBL

Sponsored by:

ASUG

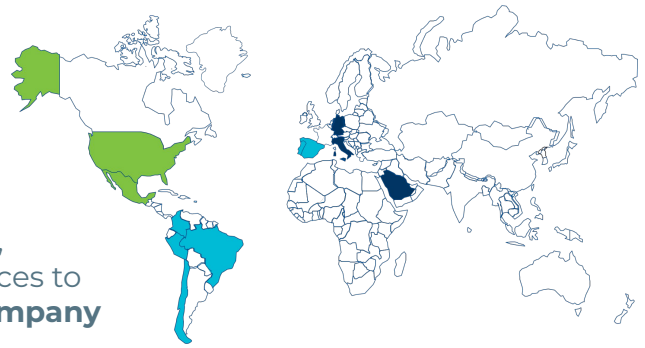
OUR PURPOSE

We transform our clients into **digital, sustainable leaders** through innovation

OUR PRESENCE

2200+
People

An inclusive mix of cultures, competences, attitudes and experiences to create **One Unique Company**



GROWTH

$250 M
Revenue

Double digit growth year over year since 2004

WHAT WE DO

Digital Advisory
Software Atelier
System Integration

INDUSTRY FOCUSED APPROACH

STELLANTIS, Whirlpool, BRACCO, PERCASSI, eni, CNH INDUSTRIAL, Aptargroup, ALFASIGMA, INNOVASPORT, REPSOL, SEAT, Southwire, CERAPEDICS, CINTAS, Q8

Supporting both Fortune 500 and Midmarket in 15 industry sectors

HYBRID BY DESIGN

The **premium quality** of local niche players, the **coverage & portfolio** of global partners

Creating sustainable value for our customers

WITH OUR 3-PILLARS OFFERING

Rethink and explore new business models to become digital market leaders

Digital Advisory

Digital journeys & new business models

(eg. Intelligent Automation, Industry 4.0 Transition, Innovation as a Service, Customer Engagement Redesign, As a Service Business Models and Intelligent Products, ESG business value...)

Be more resourceful, productive, efficient and cost-effective

System Integration

Core & extended business processes, high-value managed services

(eg. Supply Chain, Operations, Logistics, Smart Manufacturing, Finance, Management Control, Sales, Marketing, Field Services, Human Capital Management...)

Extend their traditional offering to provide new value-added, more sustainable, intelligent products and services

Software Atelier

Ready to use applications & tailored cloud solutions

(eg. connected products, digital customer engagement, B2B and D2C digital sales solutions, cloud native solutions, advanced analytics, intelligent data platforms...)

Agenda

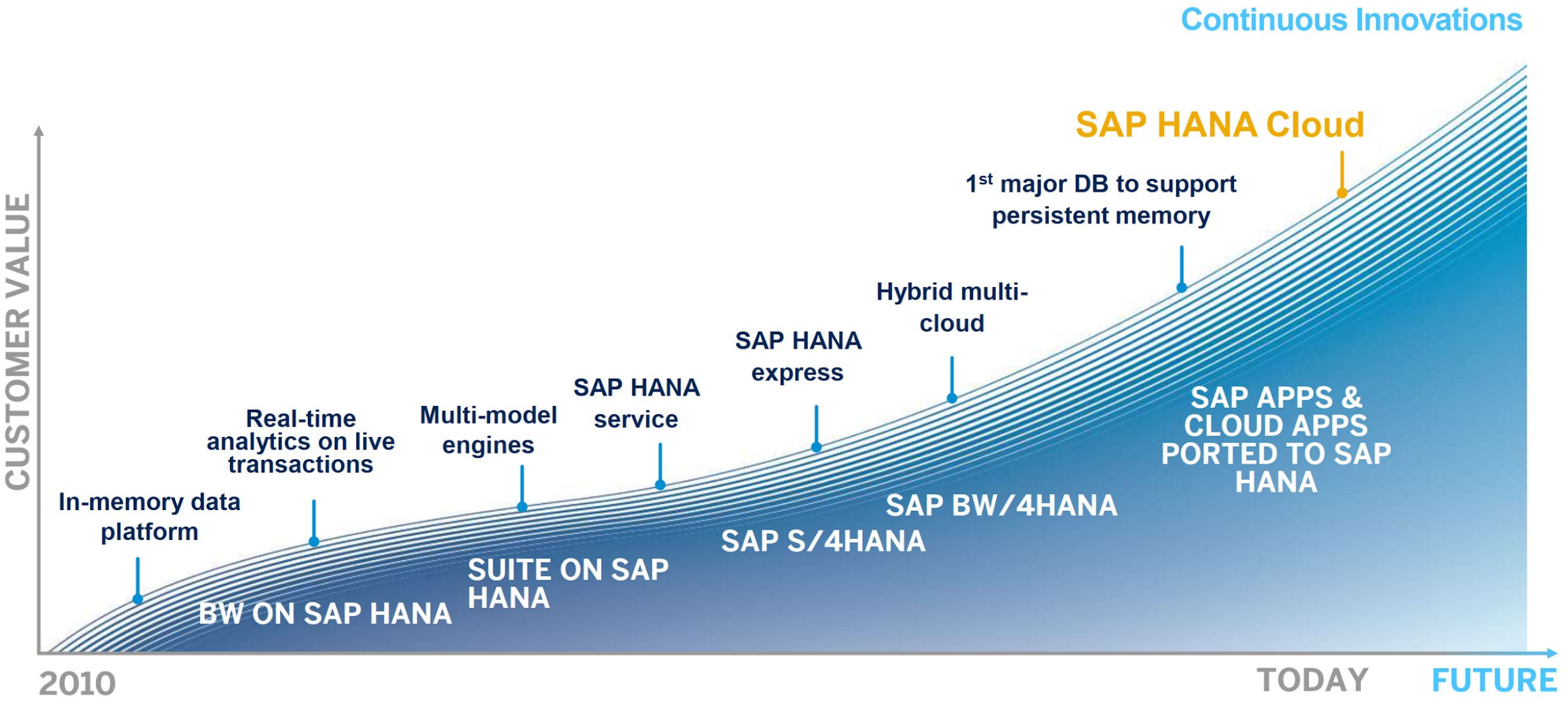
- A show of hands…

- Cloud Architecture Evolution
- SAP's BTP Strategy for Analytics
- BTP and SAC
- BTP for BW Customers
- BTP for HANA Customers
- BTP and the future

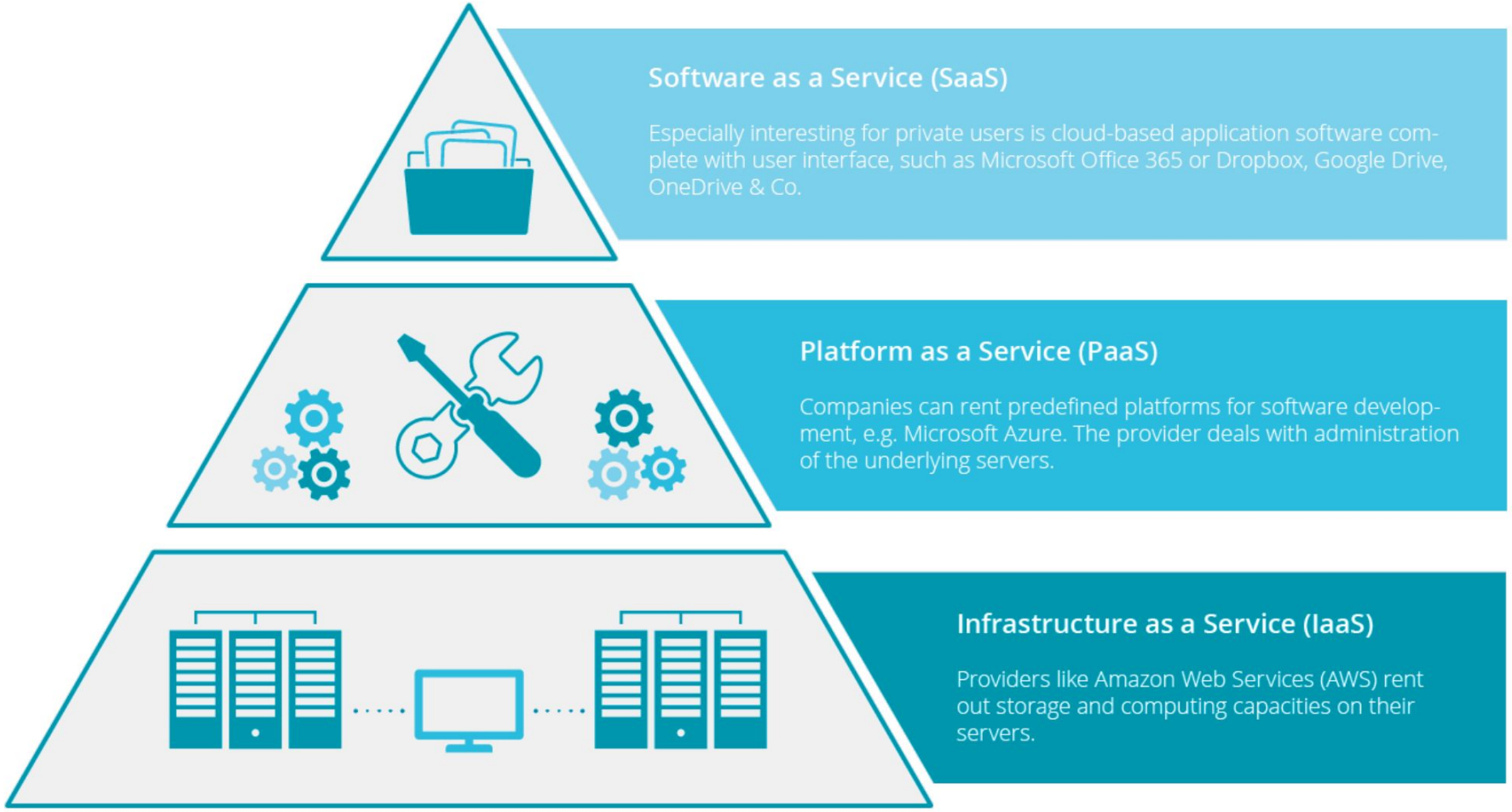
A Lot Has Changed

The SAP HANA Journey

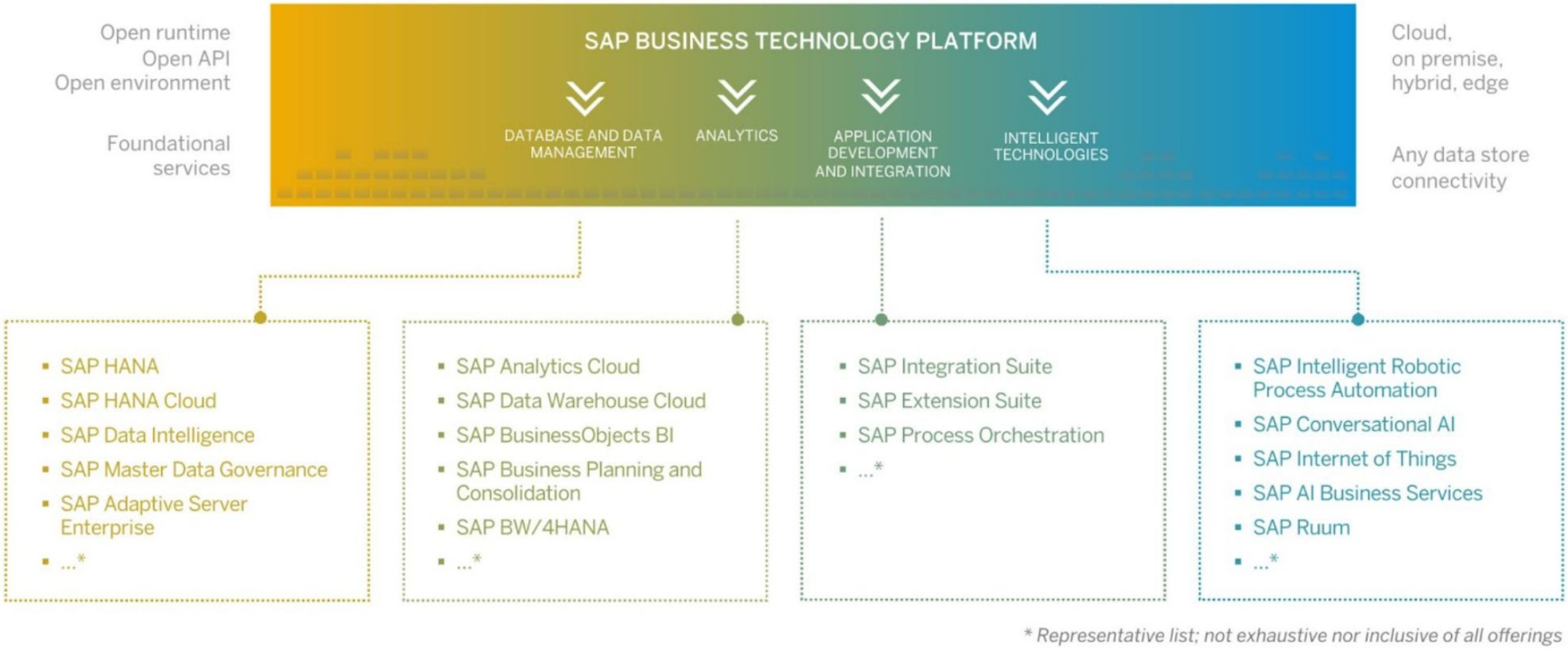
10 Years of Innovation and Rapid Customer Adoption



IaaS to PaaS to SaaS

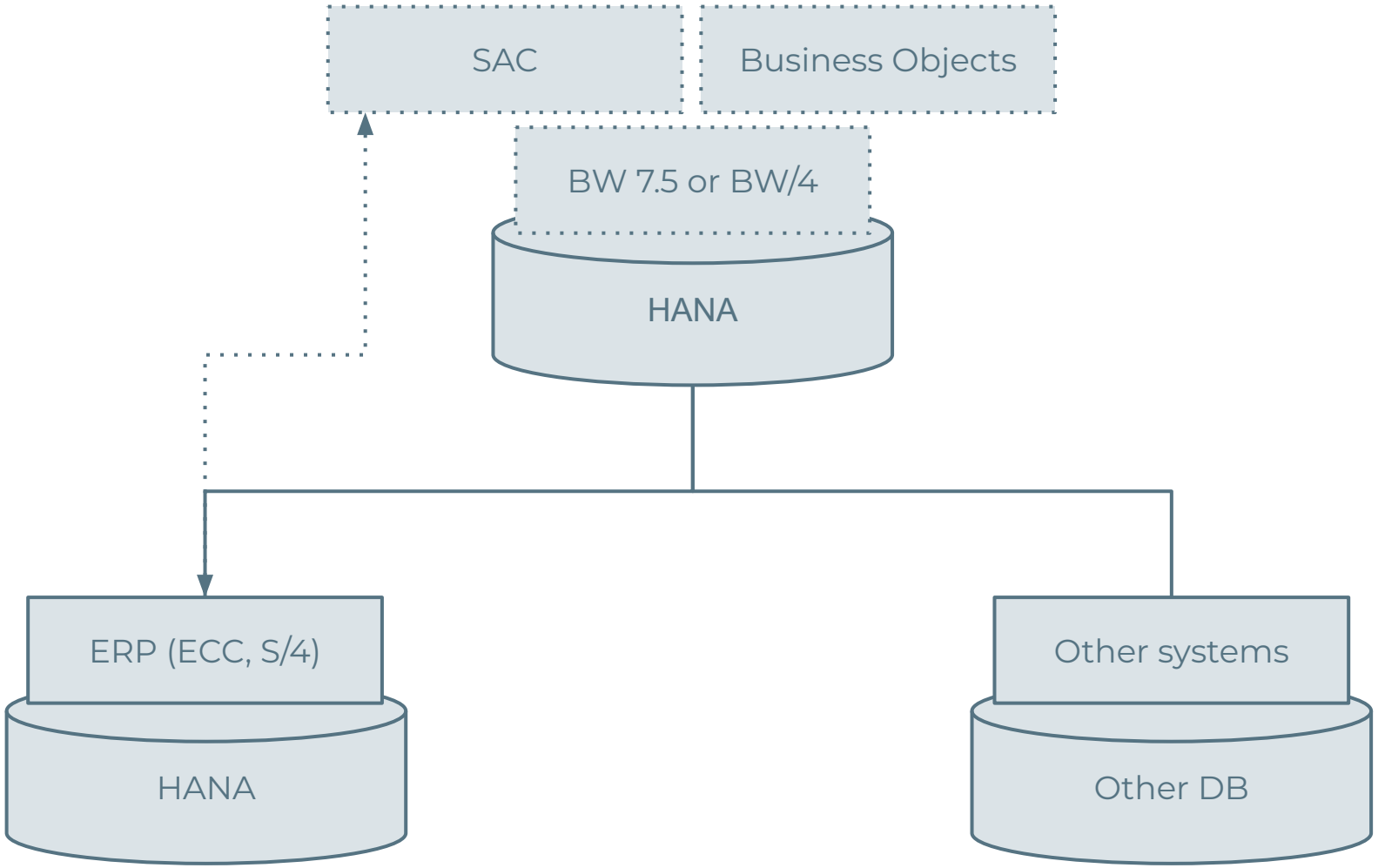


SAP and BTP

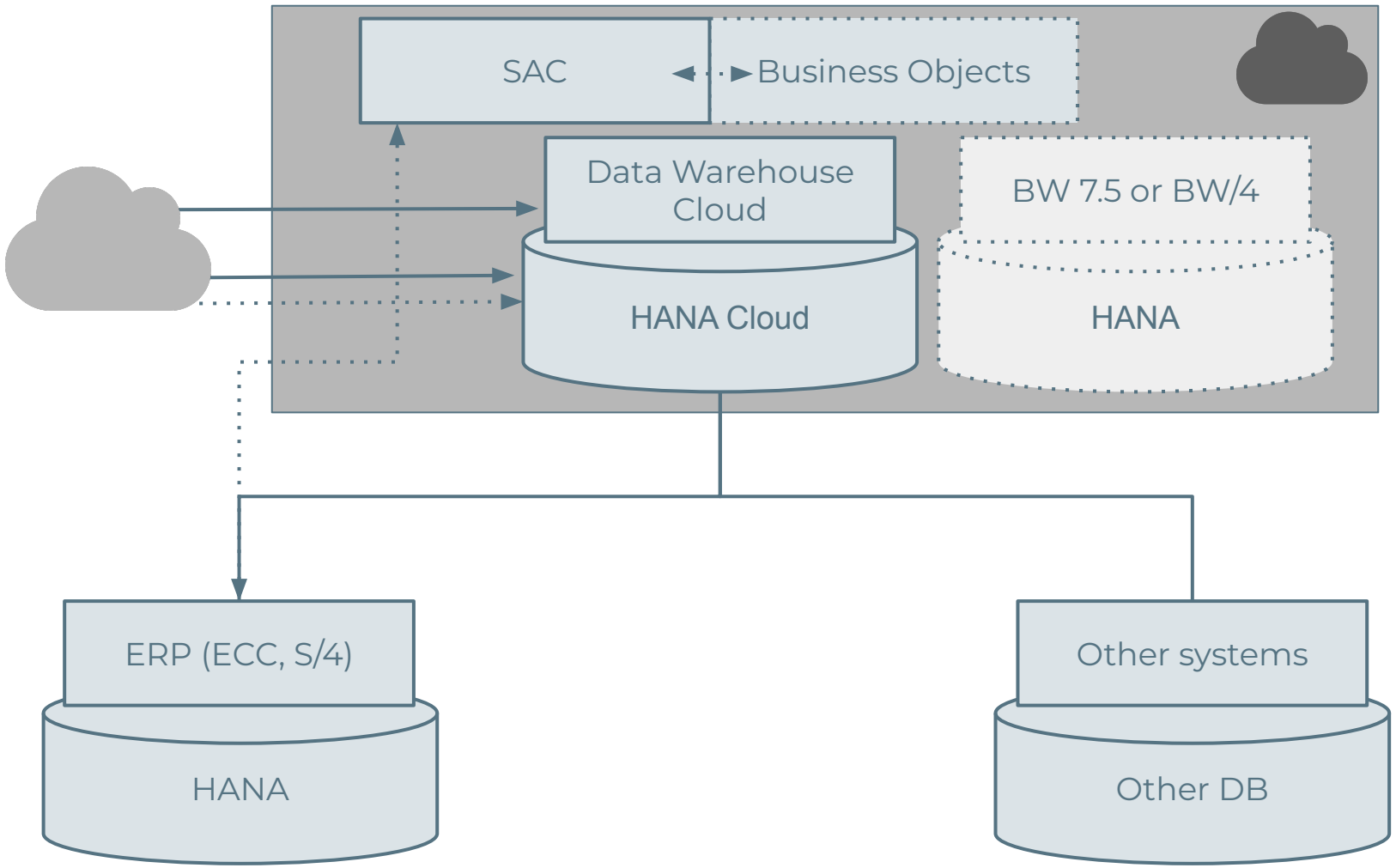


** Representative list; not exhaustive nor inclusive of all offerings*

Traditional On-Premise Analytics Architecture



Hybrid SAP Analytics Architecture

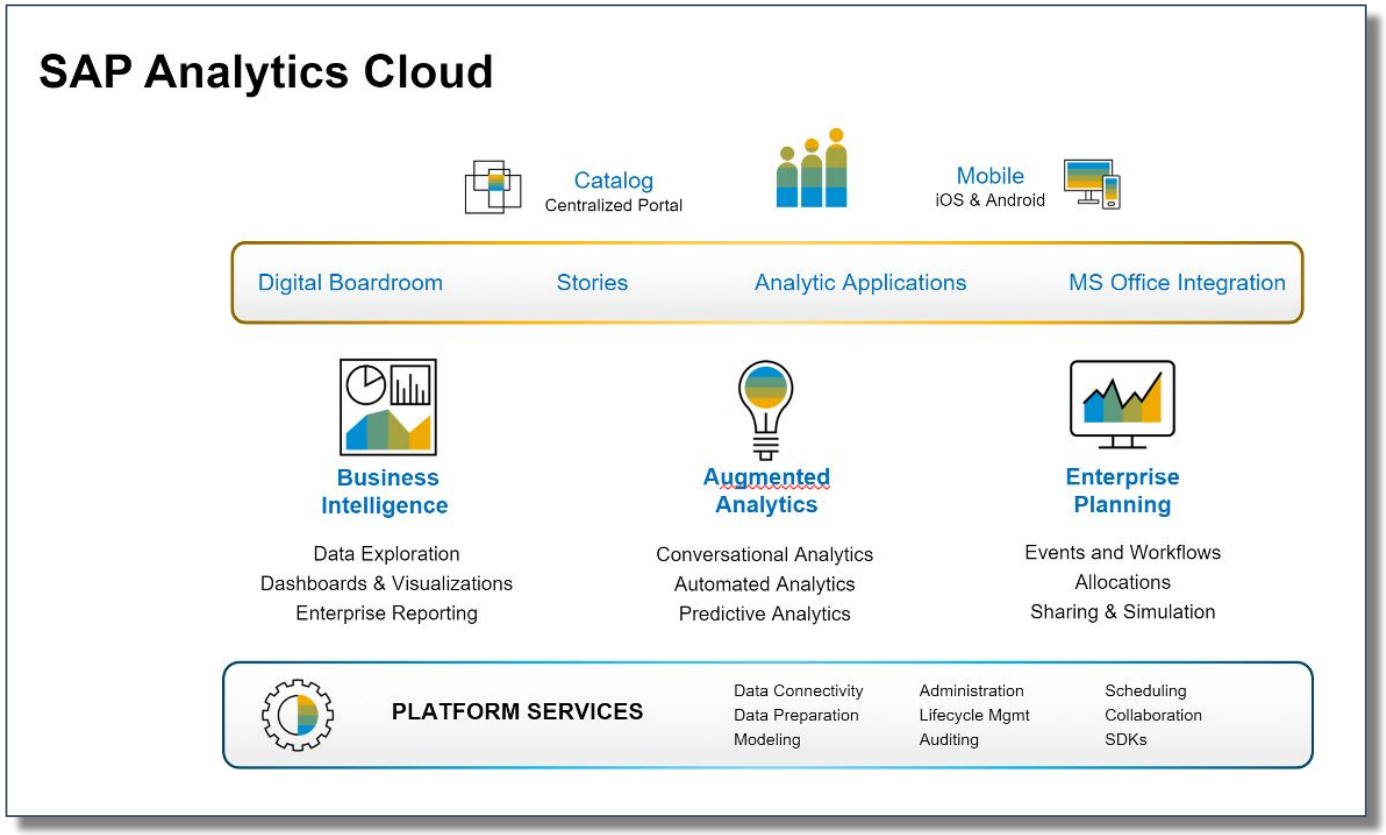


BTP - SAP Analytics Cloud

- ➜ A mature platform for Analytics, Reporting, Prediction, Planning, App Development, and Collaboration
- ➜ A natural complement to an SAP ecosystem…including WebI
- ➜ Two main flavors:
  - Enterprise Edition
  - Embedded Edition
- ➜ Live and import connectivity
- ➜ Data modeling for imported data
- ➜ “Augmented Analytics” using packaged ML/AI
- ➜ Direct Excel Integration
- ➜ Content marketplace

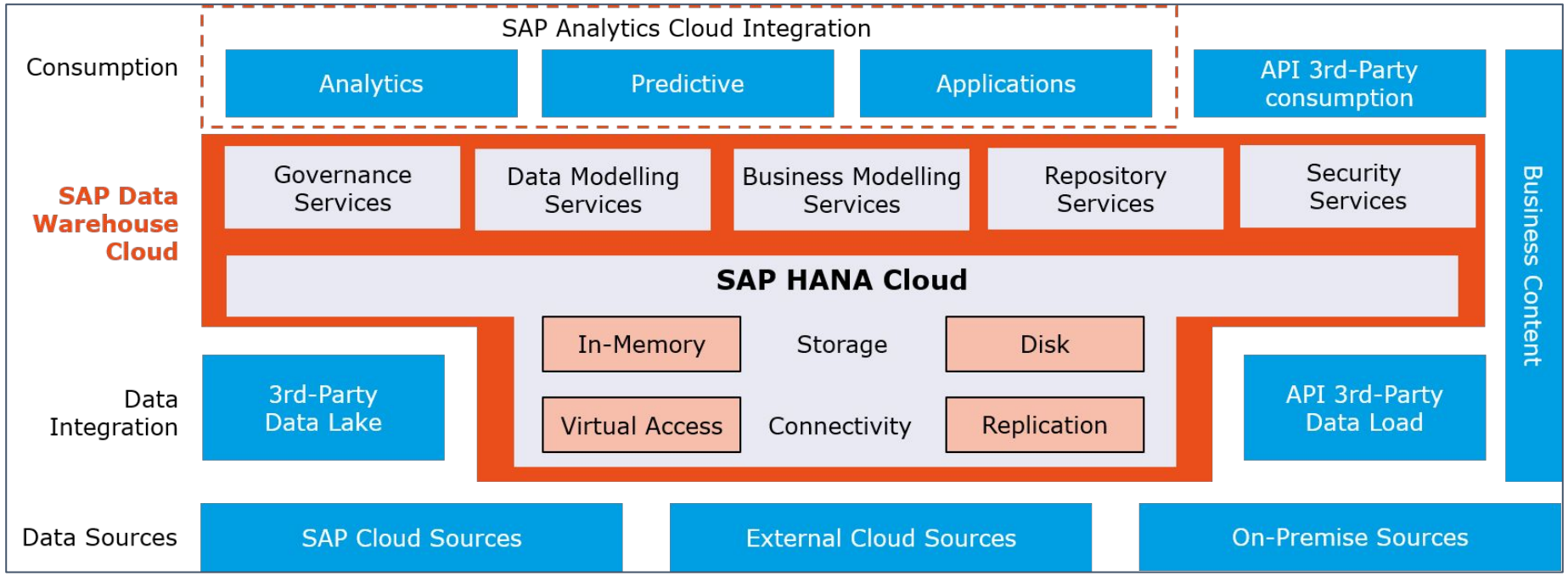
SAP Analytics Cloud

- A platform for Analytics…Planning…and “Augmented Analytics”
- Custom Analytical Application Development
- SAP Analysis for Office integrations and development
- SAP Business Objects Integrations

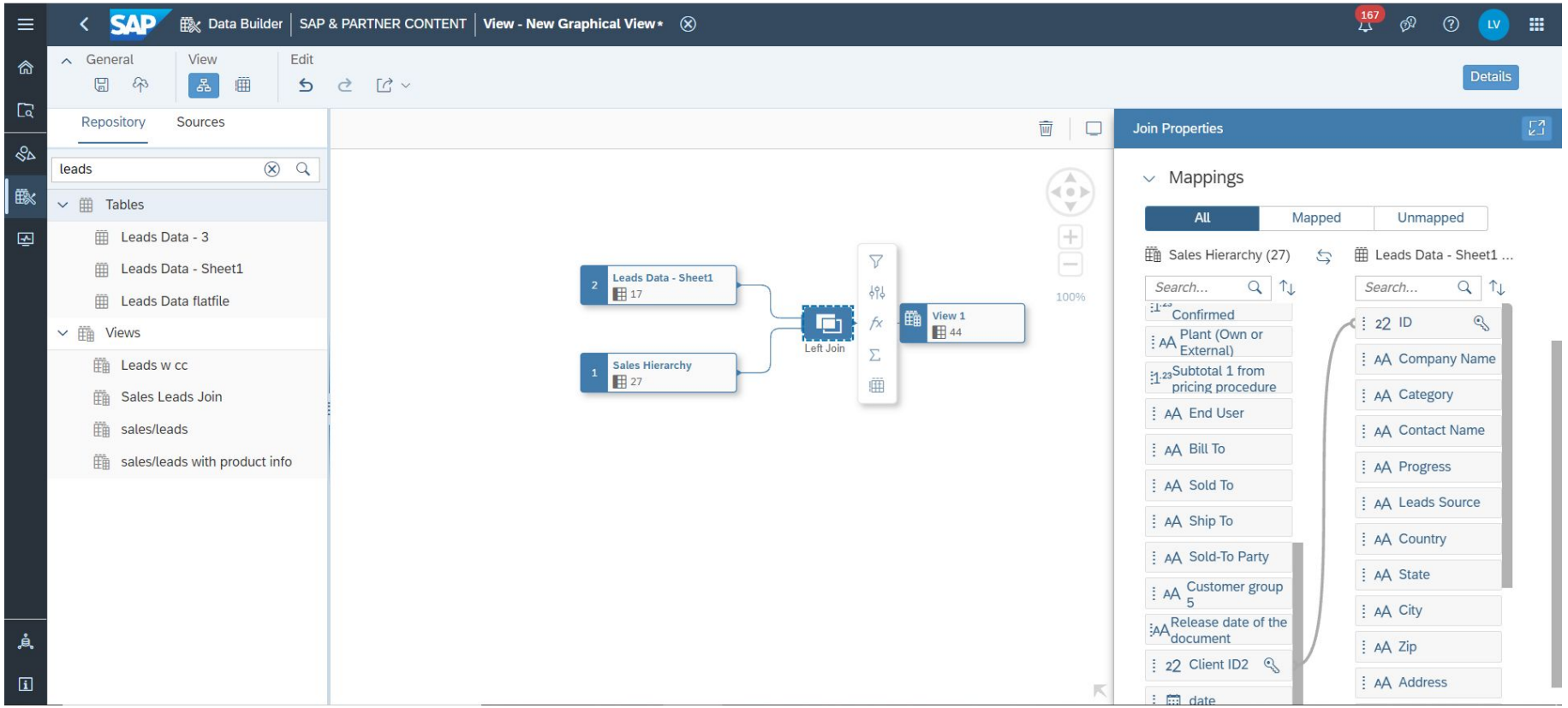


BTP - Data Warehouse Cloud

- A fully cloud-based data warehouse
- Release in October 2019
- A complement to S/4, BW, and SAC
- The future for SAC Planning modeling
- A true place for business and IT collaboration



DWC Example



DWC Full Demo

Full Demo→ HERE

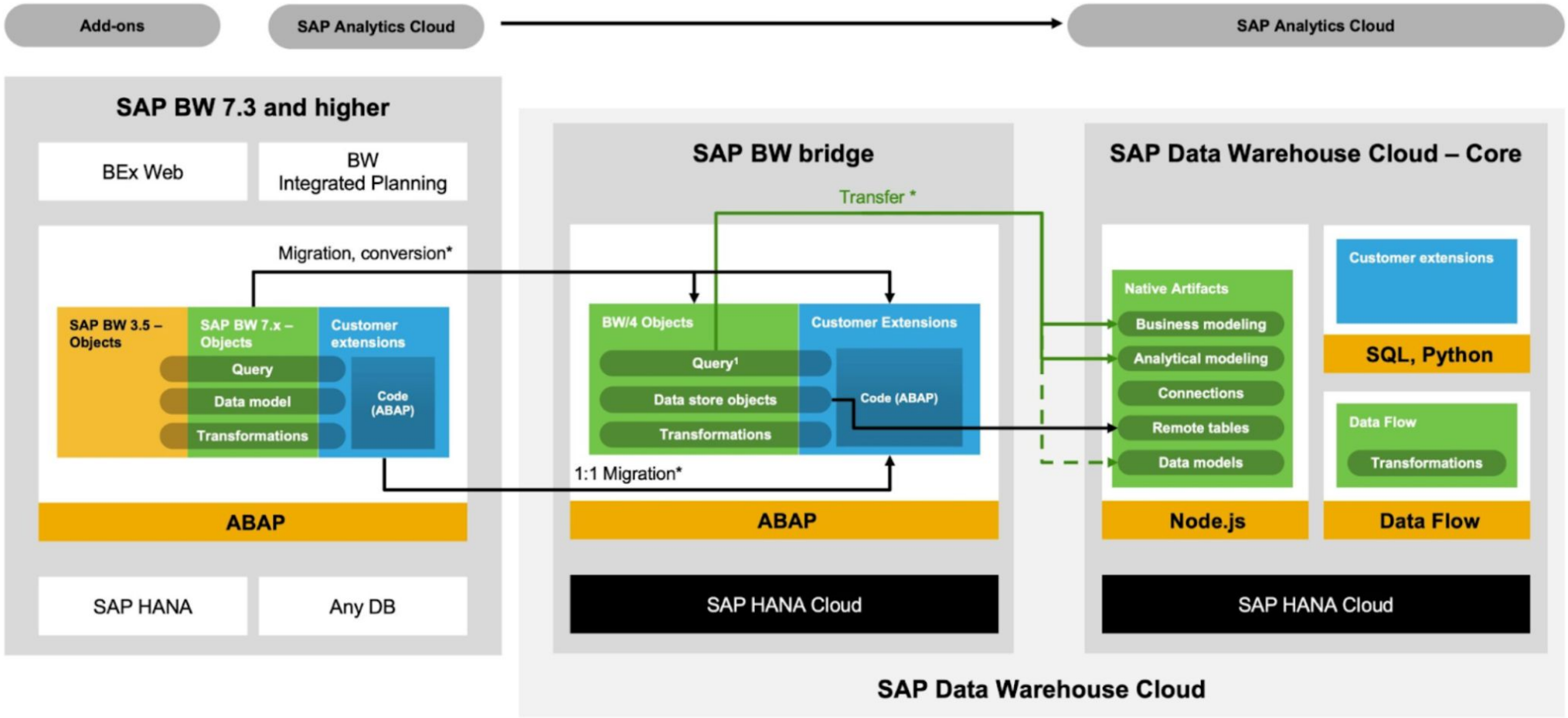
BW and BTP (with Data Warehouse Cloud)

- So this sounds cool…but you have BW…

- BW can be consumed by SAP Analytics Cloud providing a quick a modern way to expose your data for consumption *and planning* using BTP-based technology

- For more sophisticated scenarios using BW todather with DATA Warehouse Cloud “DWC” can yield a quicker time to value
  - The “BW Bridge” for DWC allows all BW assets to be consumed in and further modeled within DWC
  - Allows for data blending and for business curated data to be combined easily with BW
  - Allows for non-SAP tools to interact with data for analytics
  - Allows for 3rd party data to easily be combined with IT curated BW-based assets

A Bridge



* More information on the SAP Data Warehouse Cloud Roadmap

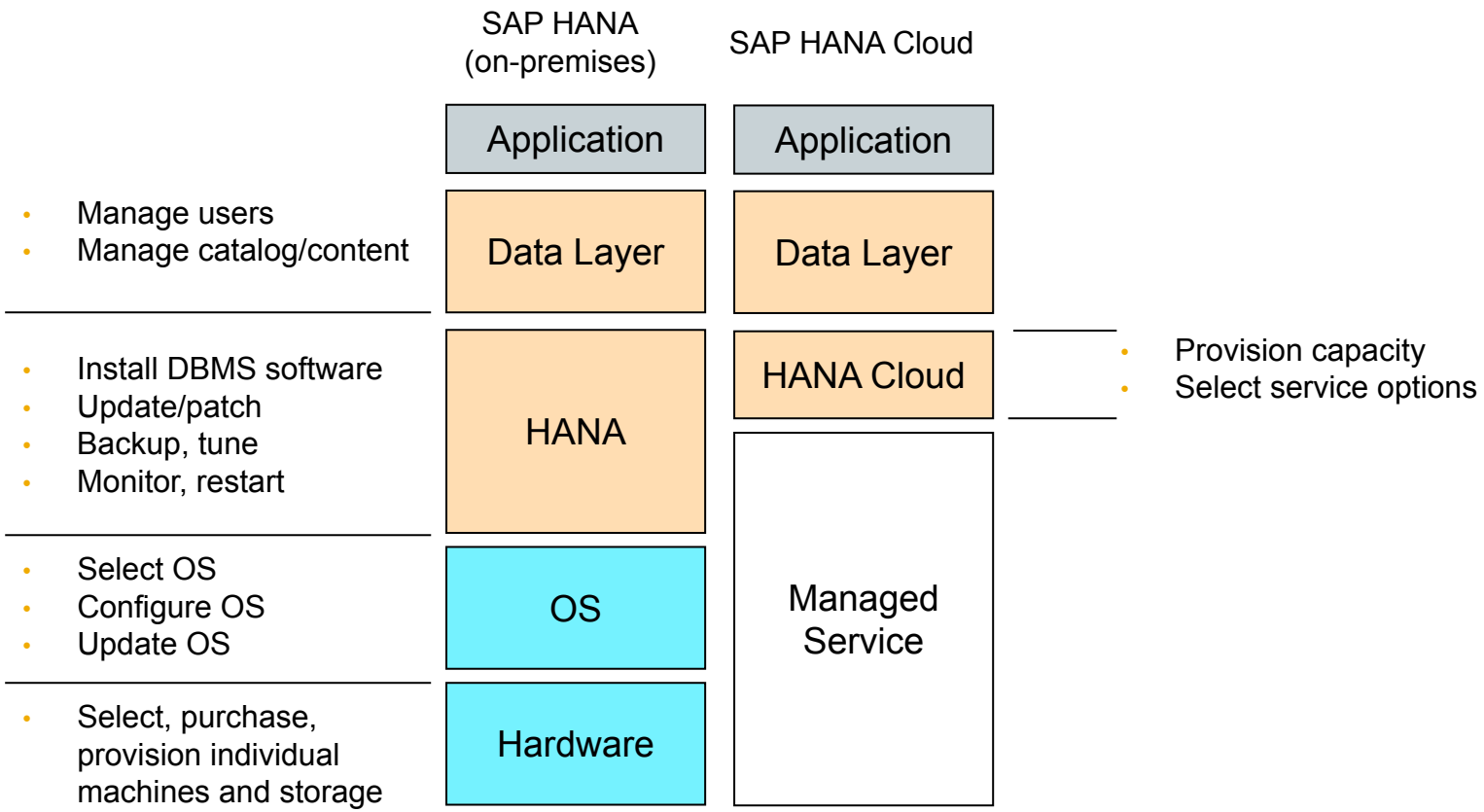
¹ Not visible or executable

Additional HANA Cloud Benefits

Fully elastic

- ➜ Data lake integration leveraging IQ
- ➜ Microservices
- ➜ Easier cloud integrations

Additional HANA Cloud Benefits



HANA and BTP

- ➜ Many customers still host SAP “Neo”-based HANA sidecar systems
- ➜ Neo is no longer receiving investment and therefore migration to BTP and HANA Cloud is recommended [1]
- ➜ BTP uses a significantly different “Cloud Foundry”-based approach to development and CI/CD
- ➜ This **XSA vs XSC** approach involves container-based development as well as more modern DevOps processes [2]
- ➜ CI/CD and GIT integration is also and important change

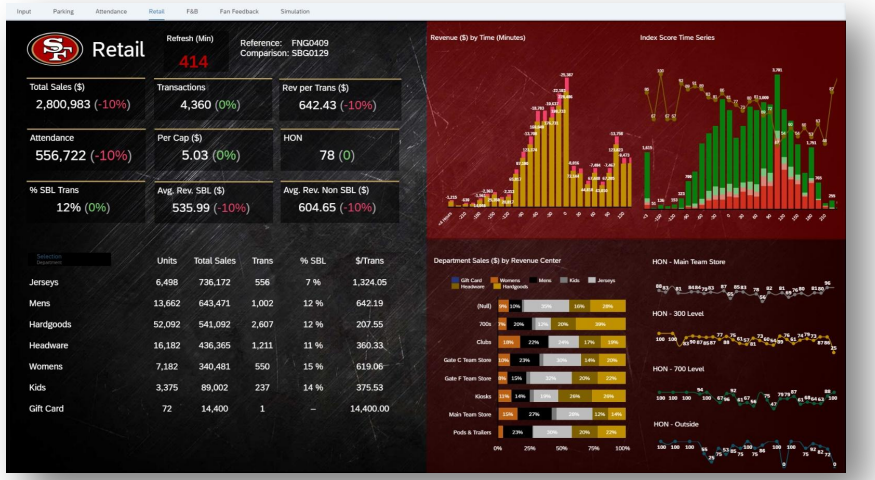
The 49ers: Migrated EDW running on NEO Cloud Hana as a Service on XSC to SAP HANA Cloud on XSA

Blue Diamond Growers: HANA Neo to HAN Cloud + XSA migration; CI/CD and Git full integration and SDLC set-up

[1] *For Large Enterprise customer SAP’s cloud factory migration service will perform this migration. However, additional enablement may be required to ensure a smooth transition*

[2] *For SAP HANA 2.0, XSA is the default framework for application development while XSC and the associated SAP HANA Repository and SAP HANA Studio IDE have been marked as deprecated. Deprecated means that the software is no longer included in the next major release, which is the case for SAP HANA Cloud. Deprecated does not mean it is no longer supported. It is perfectly fine to continue using SAP HANA XS classic apps and the SAP HANA studio with SAP HANA 2.0 SPS 05 until at least end of June 2025.*
https://blogs.sap.com/2020/09/27/sap-hana-update-upgrade-and-migration-sap-hana-2.0-an-introduction/

IoT Example



Questions?

For questions after this session, contact us at
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Thank you.