SAP Business Technology Platform

How can SAP Business Technology Platform transform your data and analytics into a service?

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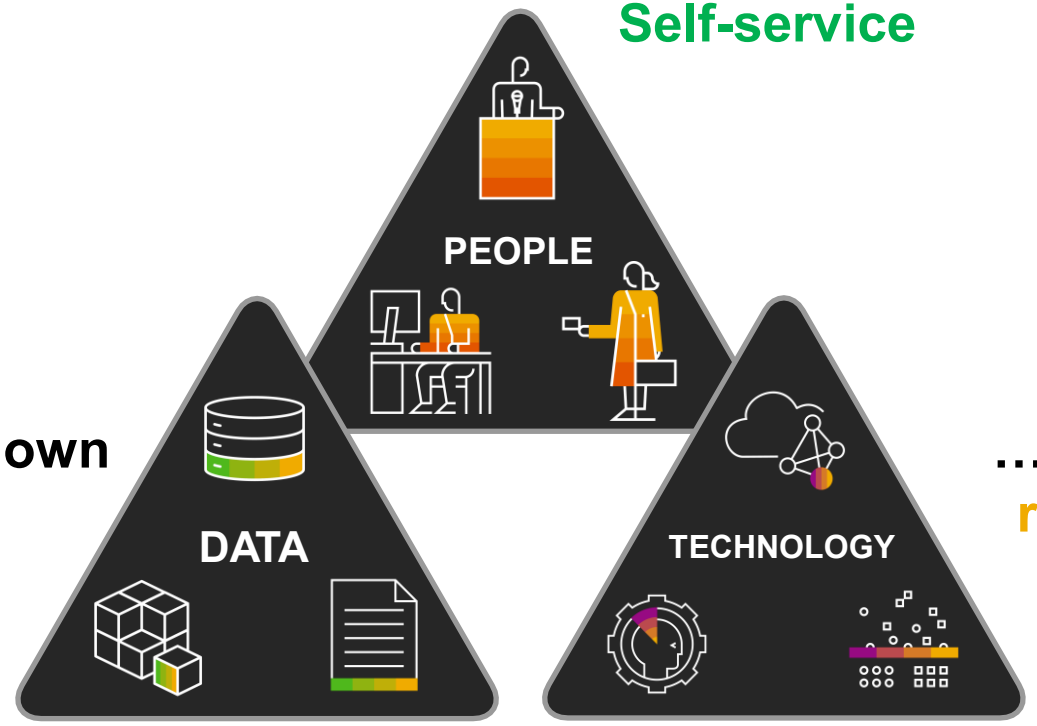
Agenda

- What is Business Technology Platform?
- How can Business Technology Platform transform your Data & analytics into a service?
- How easy is it to buy and maintain service and capabilities?
- Summary & Q&A

The Challenge – Data & Analytics

…How to empower
all stakeholders?

Self-service



…How to break down
data silos

Unify data

… How to get
results faster

Time to Value

…How to turn your data into a service and let your business become data driven

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Challenges Today for Self-service data organizations

1. Most data warehouse solutions are IT driven
2. Difficulty accessing, understanding, connecting & combining different data sets
3. Lack of easy to understand modeling capabilities
4. No single point for quality assured data
5. Hard to collaborate and share data and models

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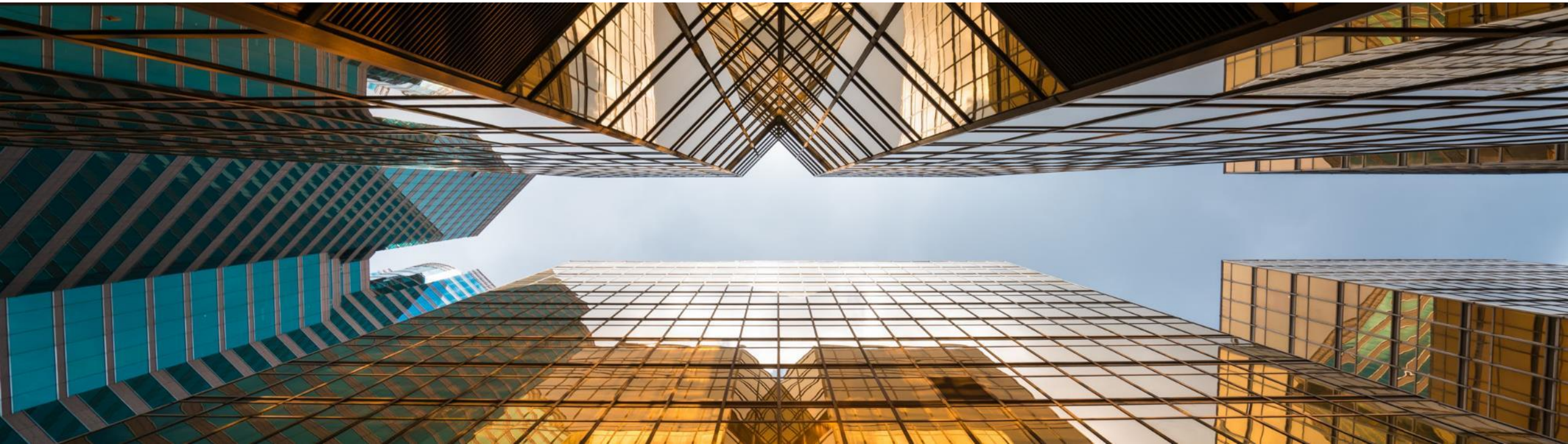
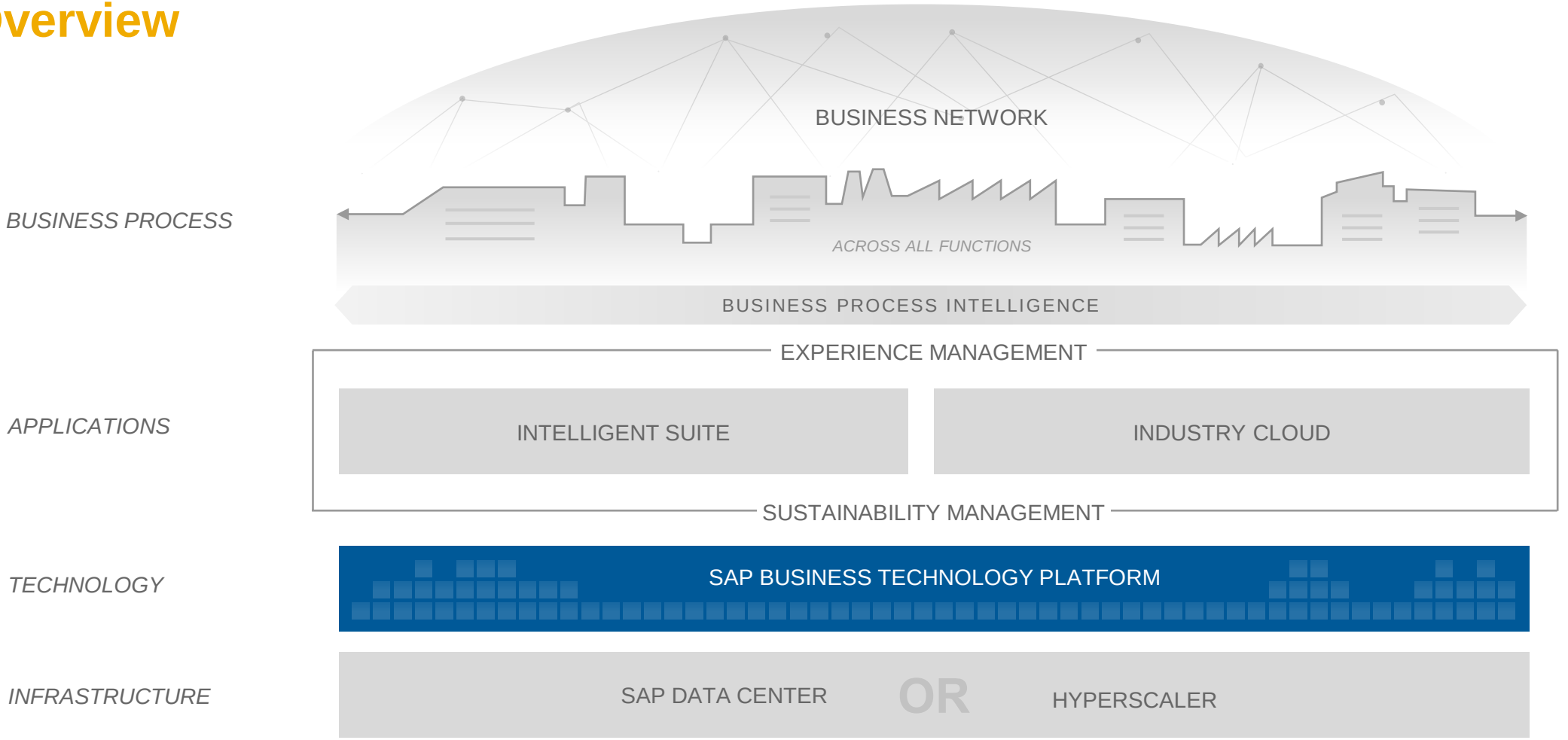
What is SAP Business Technology platform?



Intelligent Enterprise

Overview



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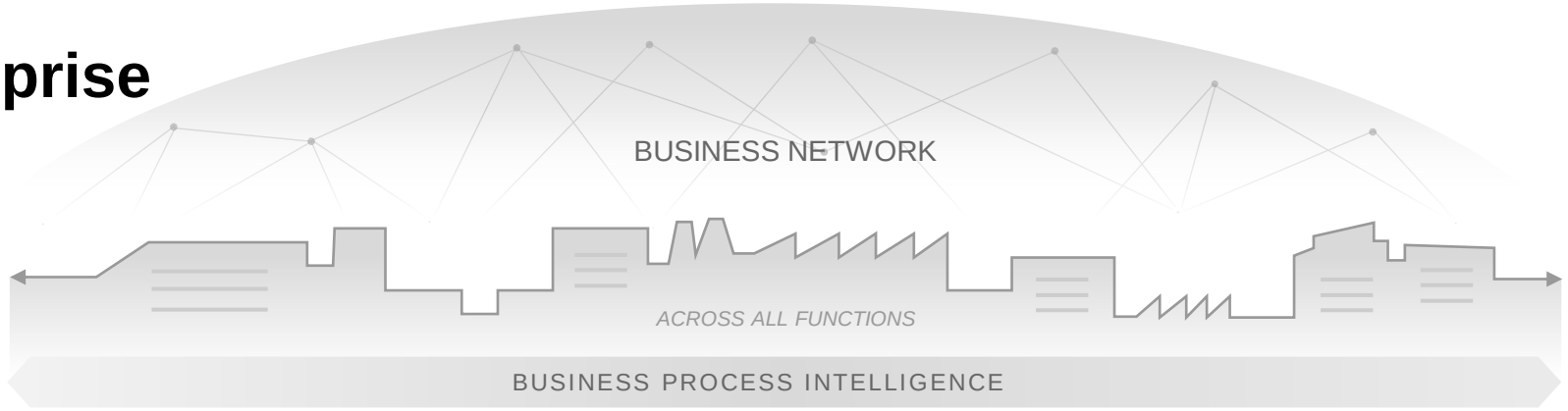
Intelligent Enterprise
Overview



BUSINESS PROCESS

EXPERIENCE MANAGEMENT

APPLICATIONS

INTELLIGENT SUITE

INDUSTRY CLOUD

SUSTAINABILITY MANAGEMENT

MARKET CATEGORIES / PRODUCT EXAMPLES

SAP BUSINESS TECHNOLOGY PLATFORM

CUSTOMER REQUIREMENTS

DATABASE & DATA MANAGEMENT

ANALYTICS

APPLICATION DEVELOPMENT & INTEGRATION

INTELLIGENT TECHNOLOGIES

INFRASTRUCTURE

SAP DATA CENTER OR HYPERSCALER

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Existing SAP Business Technology Platform Capabilities

MARKET CATEGORIES / PRODUCT EXAMPLES

CUSTOMER REQUIREMENTS

SAP BUSINESS TECHNOLOGY PLATFORM

DATABASE & DATA MANAGEMENT

- Data Storage
- Data Processing
- Data Integration
- Data Orchestration
- Information Governance
- Master Data Management

- SAP HANA
- SAP HANA Cloud

...

ANALYTICS

- Business Intelligence
- Augmented Analytics
- Predictive Analytics
- Collaborative Planning
- Data Warehousing

- SAP Data Warehouse Cloud
- SAP Analytics Cloud

...

APPLICATION DEVELOPMENT & INTEGRATION

- Integration
- Extensibility
- Business Process Optimization
- Business Services
- User Experience

- SAP Integration Suite
- SAP Extension Suite

...

INTELLIGENT TECHNOLOGIES

- Artificial Intelligence
- Machine Learning
- Intelligent Robotic Process Automation
- Blockchain
- Internet of Things

- SAP AI
- SAP Intelligent Robotic Process Automation

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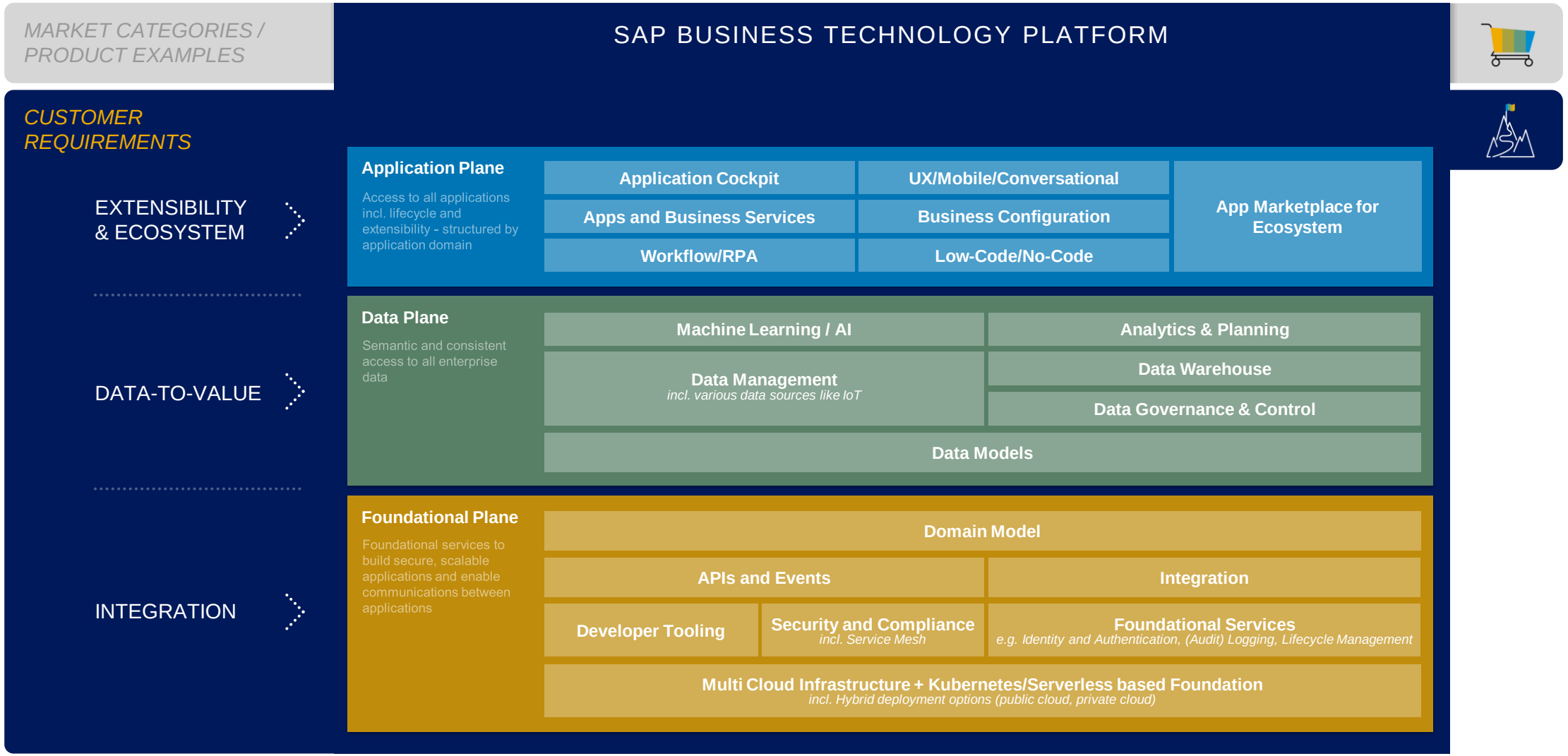
SAP Business Technology Platform – A Target State

subject to change



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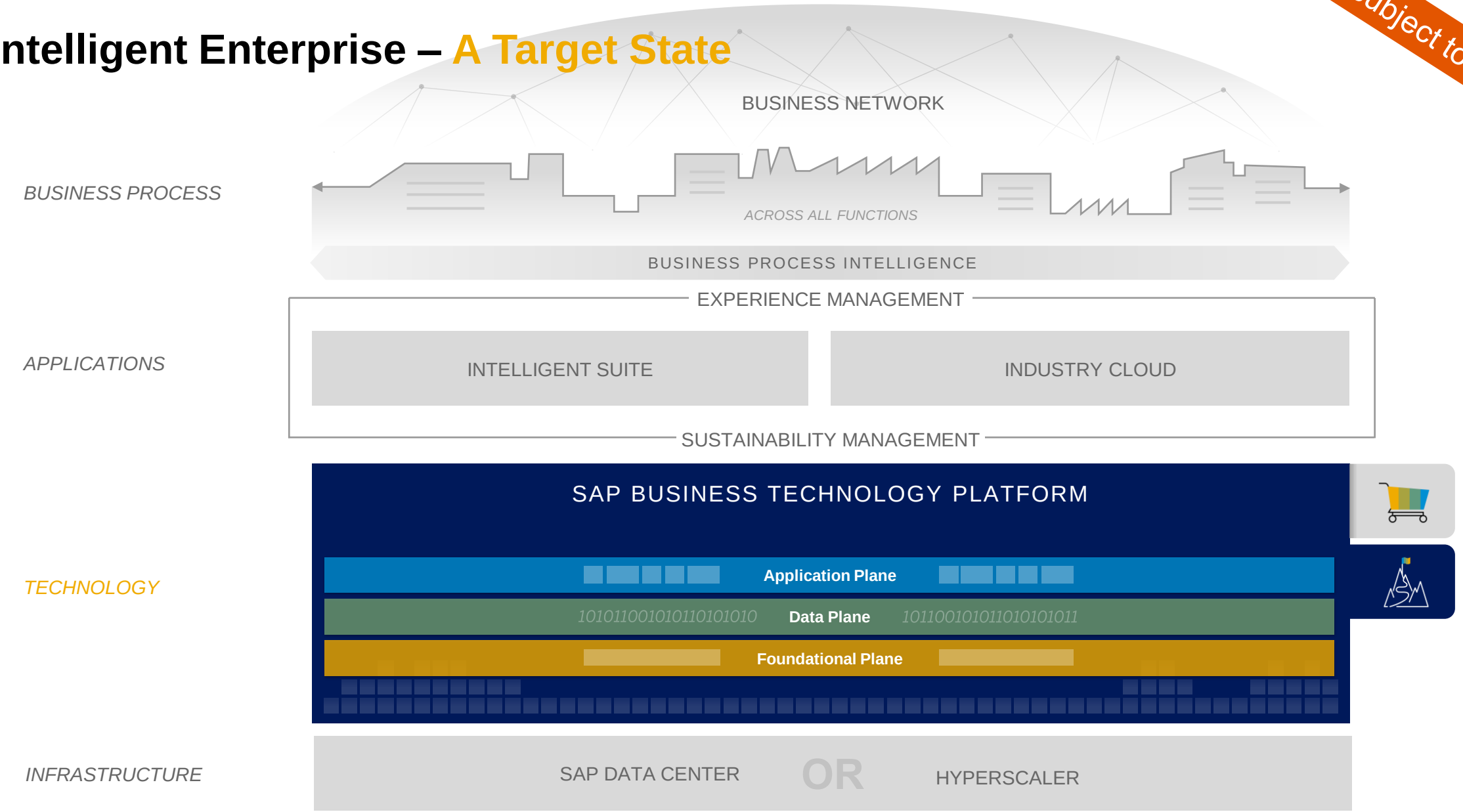
Intelligent Enterprise – A Target State

subject to change



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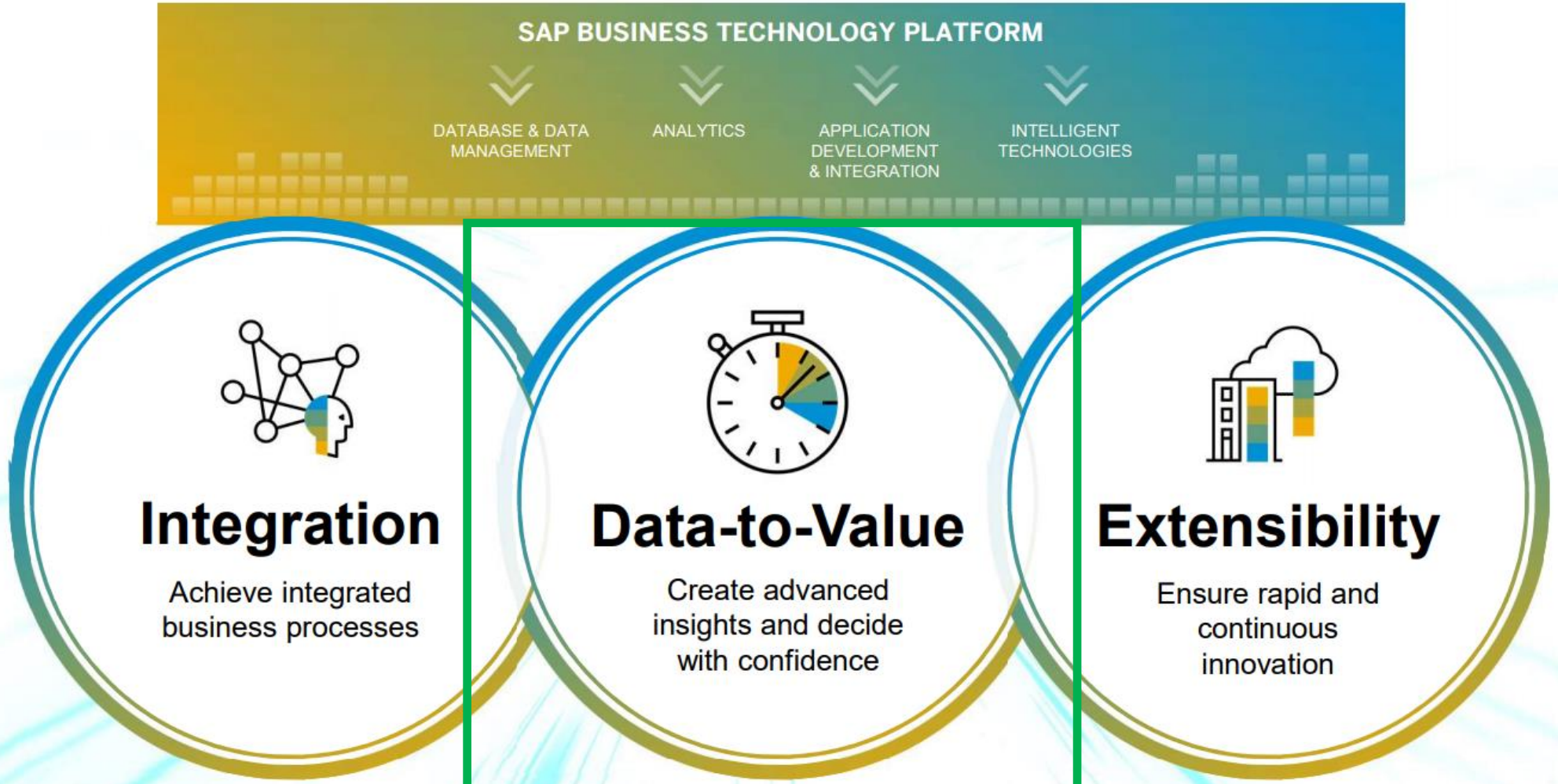
Business Technology value proposition



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THE DATA VALUE FORMULA

VOLUME	x	QUALITY	x	USAGE	=	VALUE
Data of any size In-Memory | Disc | Lake		**Data of any kind** Datasets | Streams | Models		**Data for anyone** BI | Planning | Predictive		**Data Driven Enterprise**
SAP HANA		SAP Data Warehousing		SAP Analytics		

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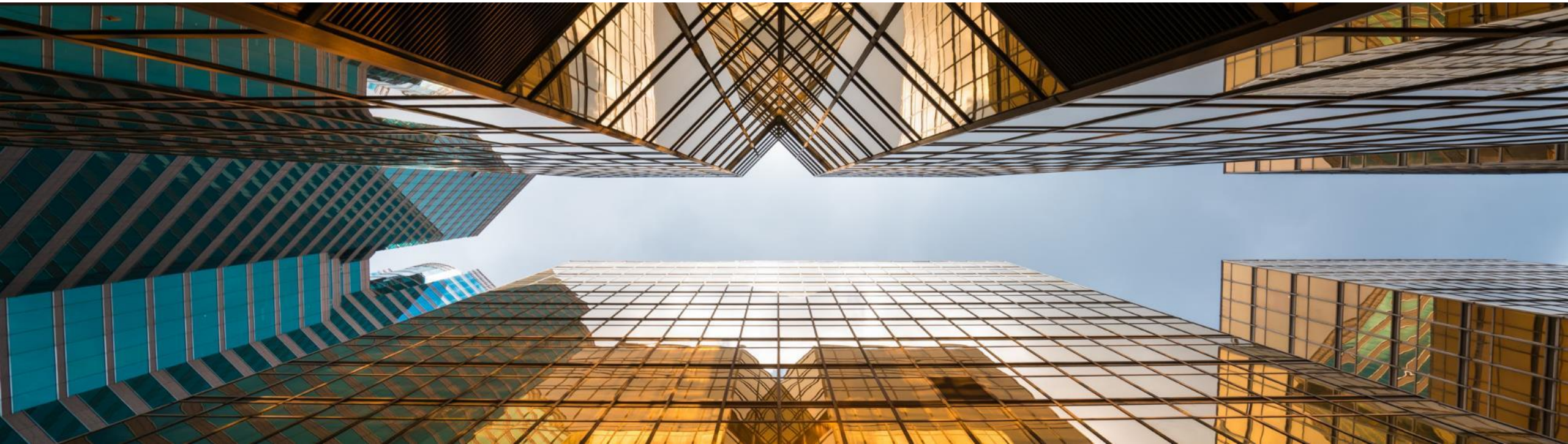
Data & analytics as a service in SAP BTP



How to transform your data & analytics into a service?

What do we mean by Data as a service?

Data as a service

- Trusted and quality-assured data
- Easy to find and evaluate
- Understandable data – Business context (Sales statistics, Customers, Products..)
- Clear ownership and SLA of service
- Open for consumption (tool agnostic)
- Possible to track up and down stream usage

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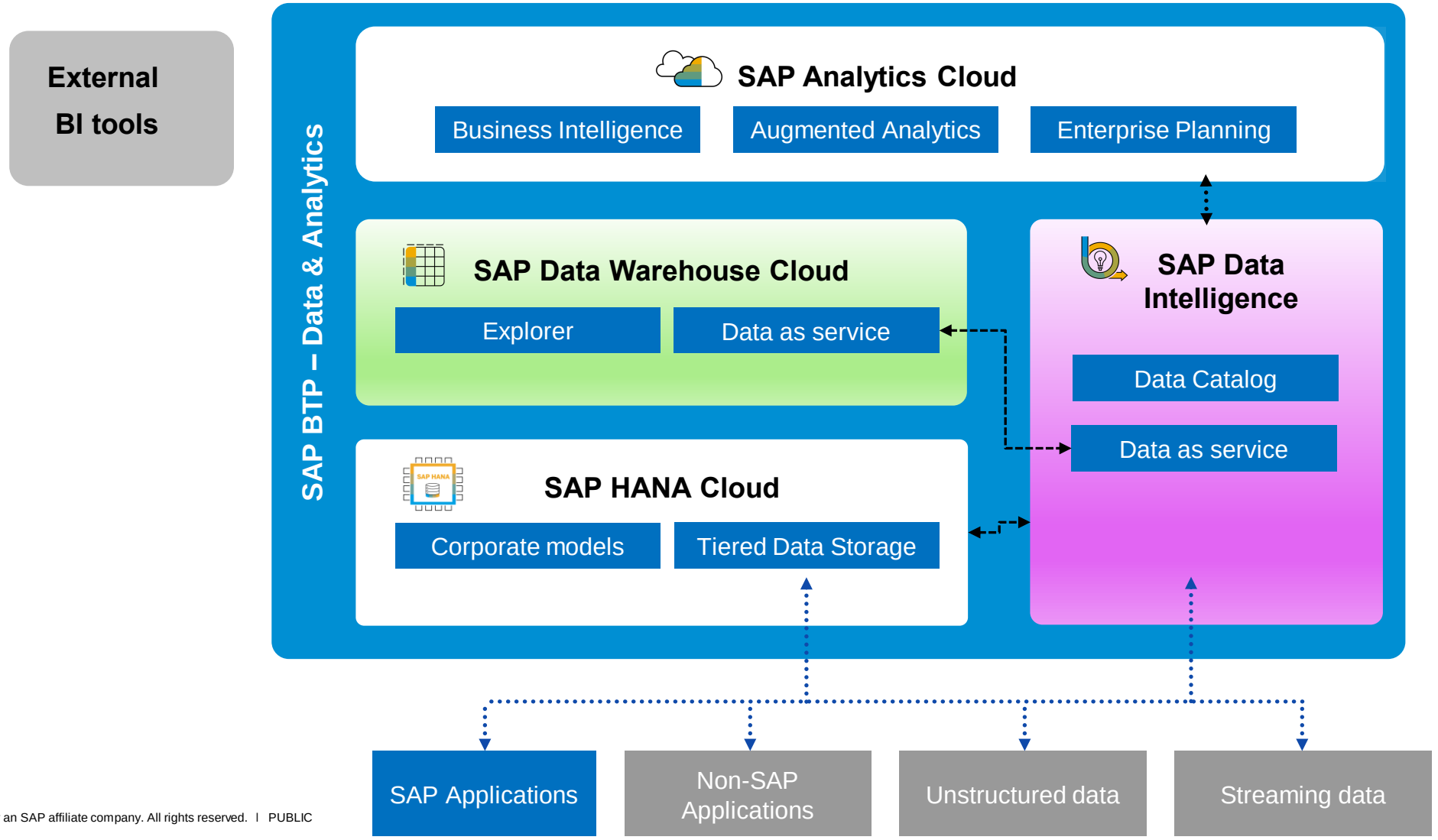
SAP Data & Analytics



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SAP Data & Analytics - How to transform your data & analytics into a service?

BTP offers two non-competing approaches to support Data as a service depending on User groups;

Business analysts

Capabilities needed

- Explorer datasets
- Self-service modeling
- Query data on the fly using SQL
- Connect any BI tool to data set

Advanced users/ Data scientists

Capabilities needed

- Discovery and search data
- Profile data
- Investigate lineage
- Prepare data
- Create and maintain business rules

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SAP Data Intelligence – Enabling a Unified Data Catalog

Discover

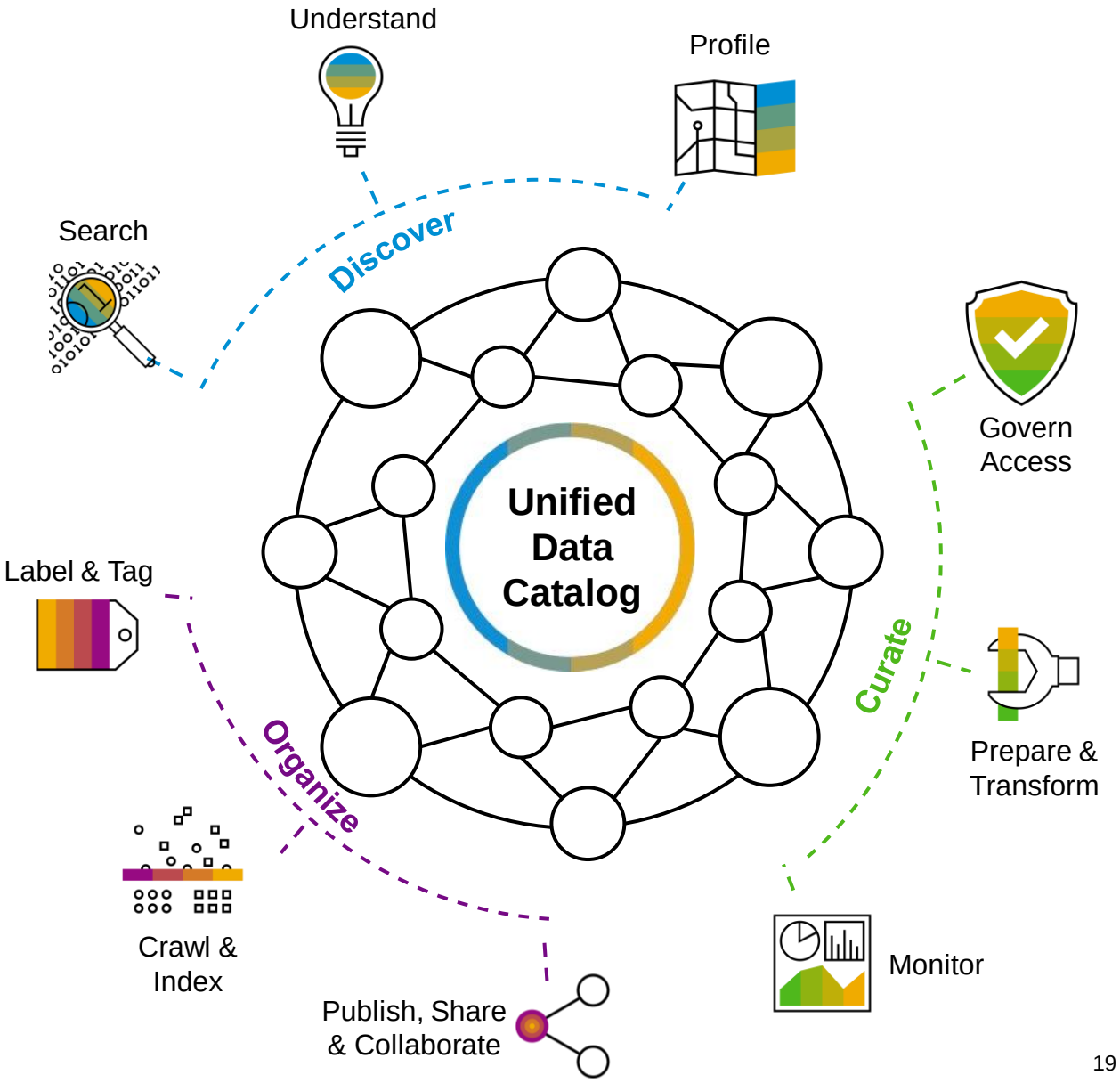
Discover data (*crawl*, *profile*, *organize*, *link*, and *enrich*) and make data **accessible** (*browse*, *search*)

Organize

Classify and **organize data** (ML-driven *auto-tag*) and **understand** it (*location*, *attributes*, *quality*, *lineage*, *sensitivity*)

Curate

Enforce **centralized authorization** and **security** for data orchestration, and control **data quality standards**



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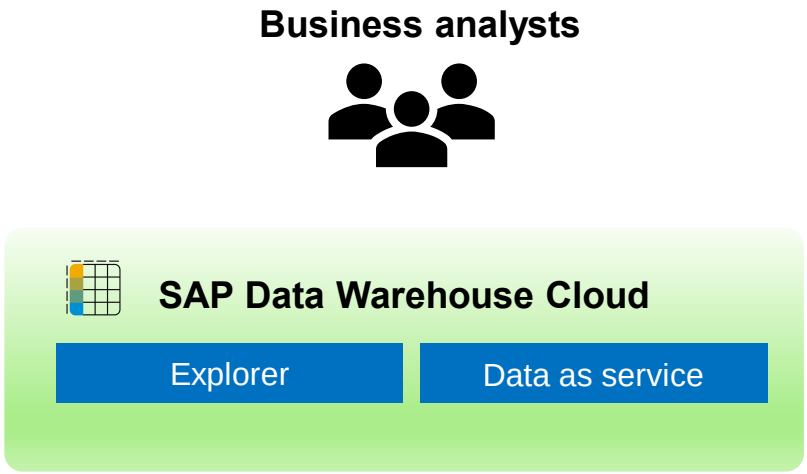
Demo - details



- Explorer tagged as ”Production_order” and ”Business_partner” or ”Data_service”
- Self-service modeling
- Query data on the fly using favorite SQL tool
- Connect to BI tool to view data set

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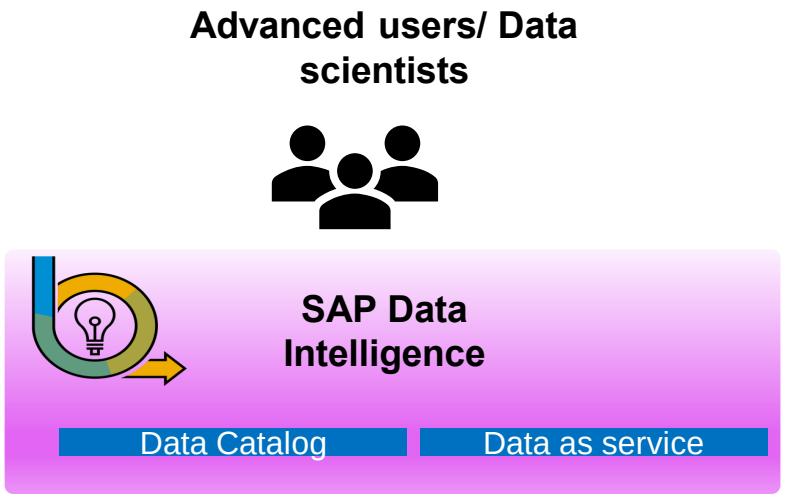
Demo - details



- Go to Data catalog – metadata explorer
- Go to Profiled data
- Explore dataset Open_sap_business_partner
- Columns
- Preview data

Link to SAP DI

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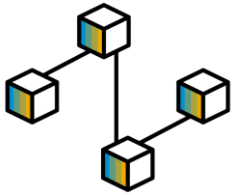
Why SAP Data Warehouse Cloud as Data as Service for Business analysts?



Unmatched connectivity to SAP and Hyper-scalers

Prebuilt datamodels towards SAP applications

Analyse & Combine data from different sources

Easy to Explore , Share and work with data

Flexible and cloud based pricing

Open for any consumption

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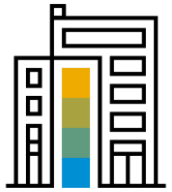
Why SAP Data Intelligence as Data as a service for Advanced Analysts?

Easy to use Data catalogue and discovery tool and beyond

Discover, prepare, profile, classify and catalog your data in a intuitive UX

Multi use case platform covering all your Data capabilities

Use SAP DI to more than Data catalogue and integration. Explore the whole platform



Unmatched SAP integration and reusability

Natively reuse and connect all SAP sources (HANA, BW, Data Services, SLT, S/4HANA, SAP cloud Apps etc.)

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Business benefits of the using SAP BTP to achieve Data as a service

Flexible & Agile

SaaS and cloud based licenses models give flexibility and agility.
A new capability is up & running in seconds rather than weeks or months

Time to value

Utilize ready-made data models and data pipelines that leverage standard integration to accelerate your implementation
This approach will give shorter implementation and faster results

New Paradigm

The concept supports paradigms such as Data Mesh and similar.

Data is value

SAP BTP offers functionality to complete the Data Value formula and get real value from your data

Innovation

Continuous innovation without disruption.
Data to Value is a key strategy for SAP and BTP enabling the Intelligent Enterprise

Data democratization

The new concept empower users to access and work with data in a new way. It makes data more democratic

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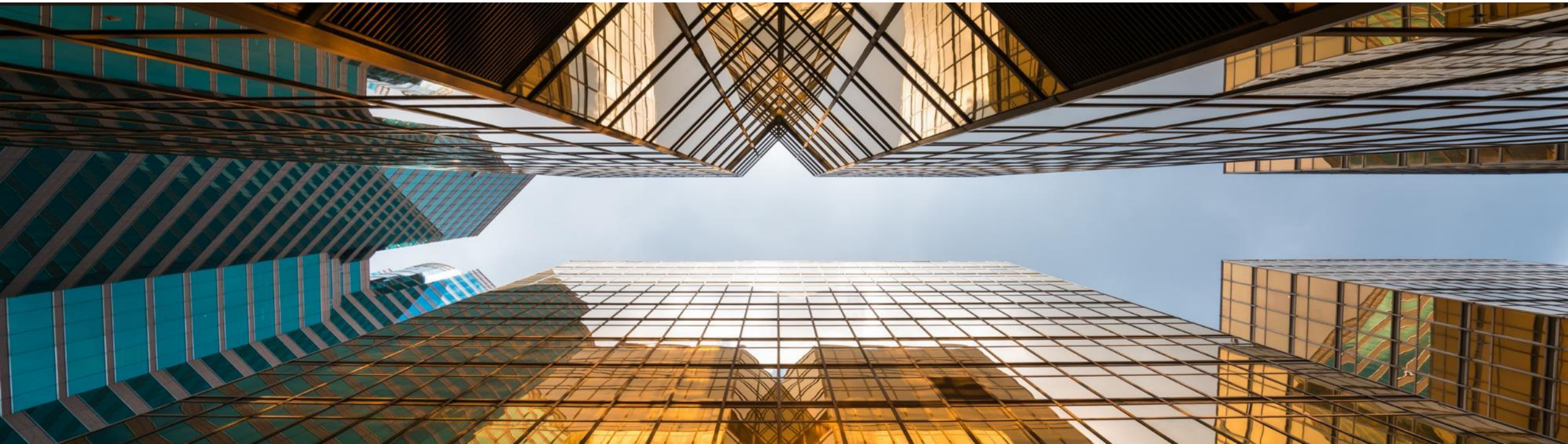
SAP BTP Cockpit

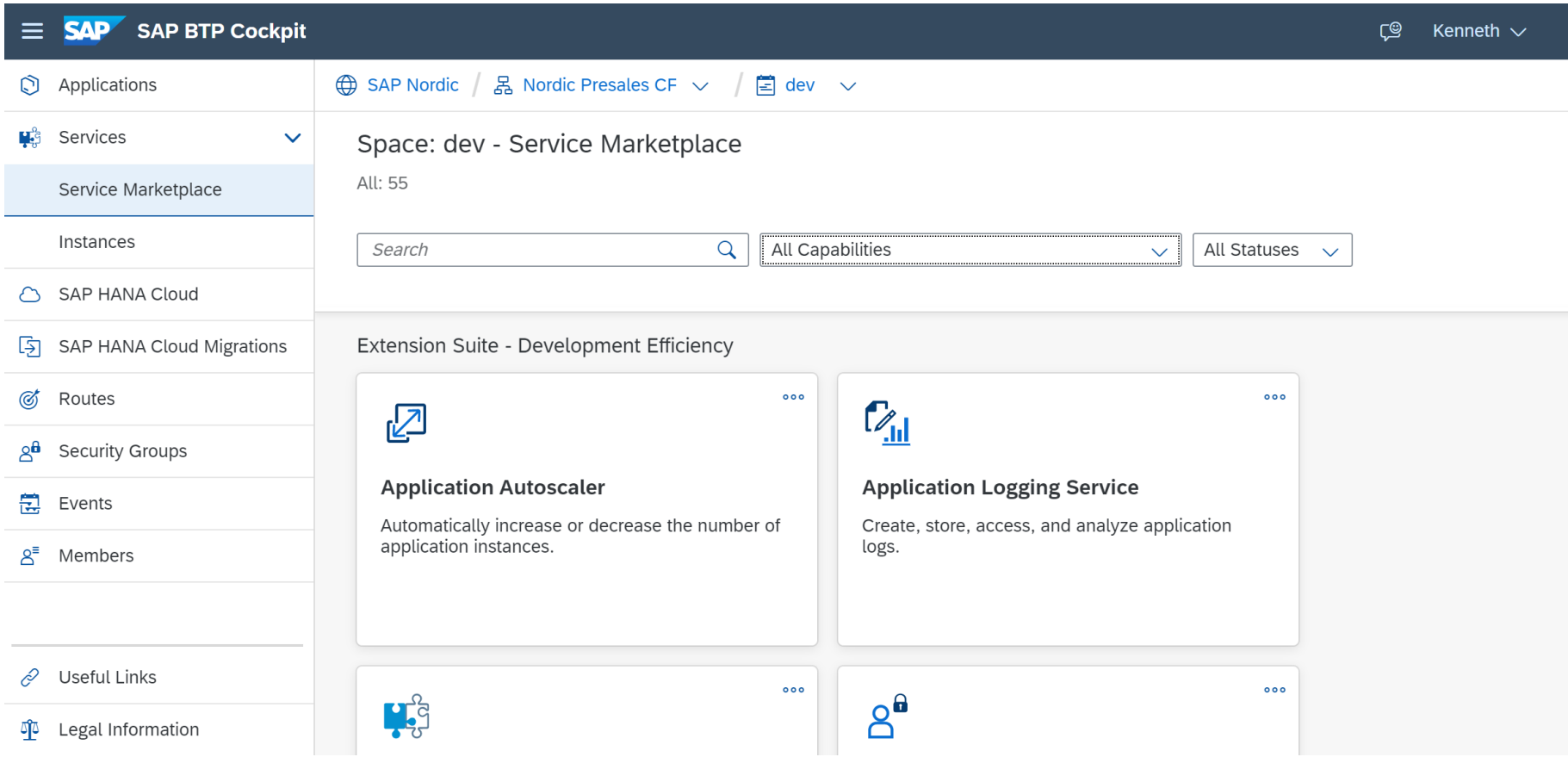
Easiness of buying, activating and maintaining services



BTP Cockpit – demo – Navigate and check status of services

How to navigate services and check status:

- SAP HANA cloud
- SAP Data Intelligence



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Platform & Services vs Portfolio

Business Technology Platform is both a portfolio as well as a SaaS platform.

Every product in portfolio is not available as service on the BTP

Included	On the Roadmap	Future Vision	Not on the Roadmap
• SAP HANA cloud • SAP Data Intelligence • SAP Analytics Cloud embedded edition	• SAP Data warehouse Cloud (Q4 2021)	• SAP Analytics Cloud Enterprise edition	• BW/4 Private Cloud Edition • BusinessObjects Enterprise Private Cloud Edition

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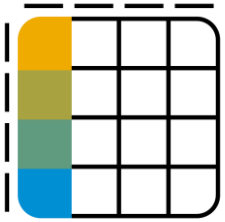
Further sessions

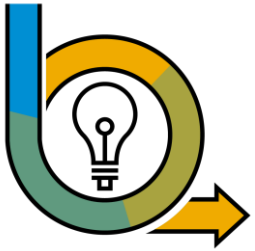
SAP Data Warehouse Cloud & SAP Data Intelligence

Data to Value workshop series – in depth workshop series on how SAP solution can enable value creation of your data and support concepts such as Data Mesh



Product presentation and/or Technical Academy workshops for SAP Data Warehouse Cloud

All is free of charge



Product presentation and/or Technical Academy workshops for SAP Data Intelligence

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Summary

SAP Business Technology Platform is a key enabler for transforming the way your organization work with data & analytics.
For SAP customers the Business Technology Platform gives **un-matched capabilities** for turning your data into a service – into gold

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Thank you.

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