



# Integration Framework for SAP Business One – The Capabilities Overview

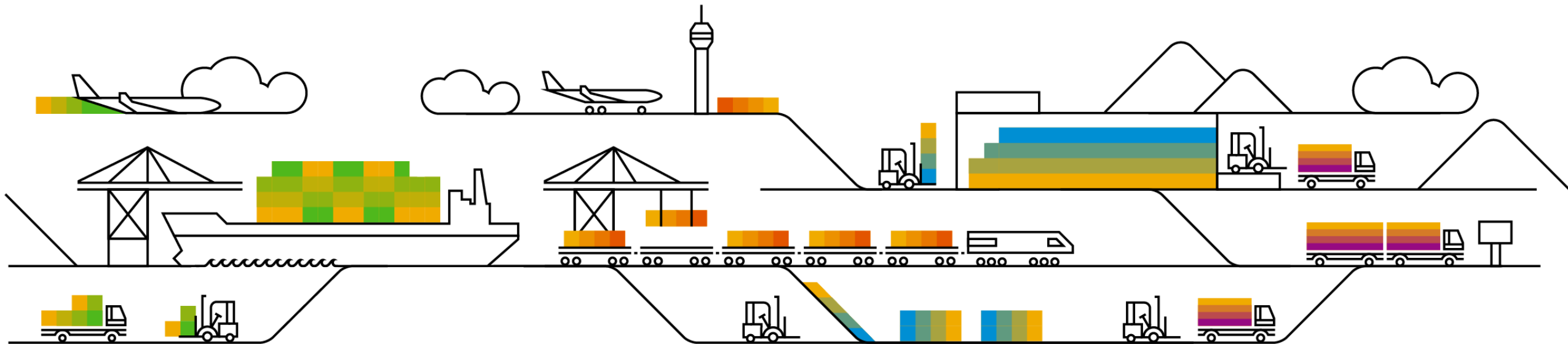
Global Roll-out, SAP  
April, 2020

PUBLIC

# Agenda

- The Central Platform for Integrating your Company
- Introducing the Integration Framework
- Best Practices of Integration Scenarios
- Best Practices Integration Scenarios in Detail
- The Technical Aspects of the Integration Framework
- Benefits and Key Aspects of the Integration Framework

# The Central Platform for Integrating your Company

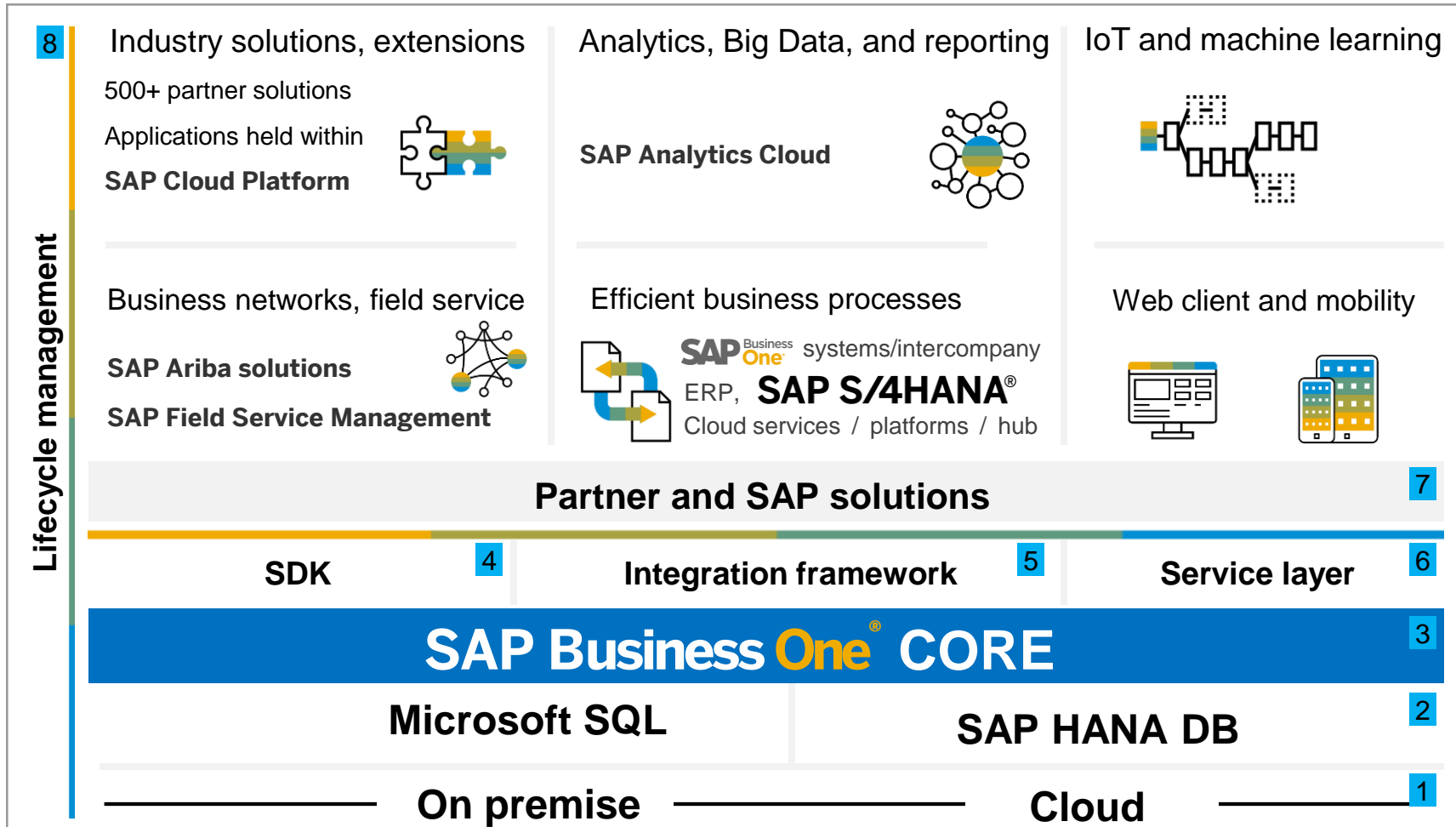


# It's all about Integration



# Integration Framework for SAP Business One

An Integral Part of the SAP Business One Solution



- 1 Full deployment flexibility
- 2 Runs on in-memory technology
- 3 All standard business processes covered
- 4 Basic application programming interfaces (APIs)
- 5 Robust integration and collaboration
- 6 Interface for SAP HANA applications
- 7 Extends the solution scope based on extensibility layer
- 8 Low cost of ownership and efficient support

# Integration Options for SAP Business One

Connecting your business networks



## Integration Scenarios

(integral part of the SAP Business One solution)

Integration framework as development environment as well as runtime for predefined integrations, such as

- Dashboards, mobile apps, outsourced payroll, automated request for quotation, SAP Customer Checkout, web services, other SAP and non-SAP applications



## Integration Hub

(ready-made integration scenarios)

Preconfigured templates to integrate cloud-based business applications and services, such as

- Shopify, Magento, Aramex, DHL, FedEx, UPS, Fixer, Mailchimp, SendGrid, Nexmo, Expensify, automated request for quotation



## Subsidiary Integration

(dedicated integration solutions out-of-the-box)

Integrates SAP Business One running in subsidiaries\* with SAP Business Suite software in headquarters' location

- Data harmonization, financial consolidation, business process standardization, and supply chain optimization
- Preconfigured scenarios for master data, sales, purchasing, HQ reporting, and finance as well as customer-specific content



## Intercompany Integration Solution

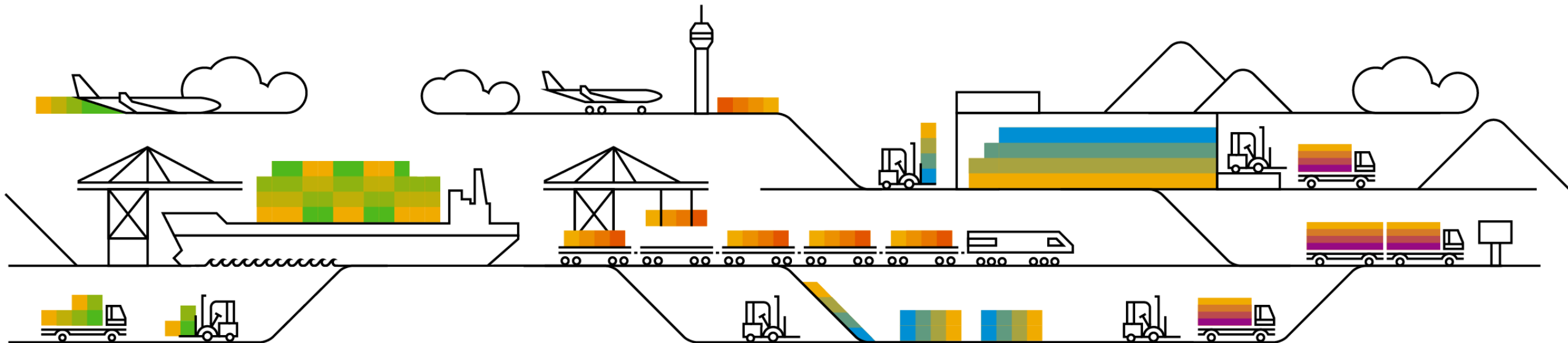
(dedicated application out-of-the-box)

Integrates different SAP Business One databases in a seamless and easy to consume way

- Streamline and automate intercompany transactions and processes, such as master data distribution and financial consolidation

\* Including branches or franchises of large enterprises

# Introducing the **Integration Framework**



# The Integration Framework for SAP Business One

Use the integration framework for SAP Business One as a generic tool to



**Transform**

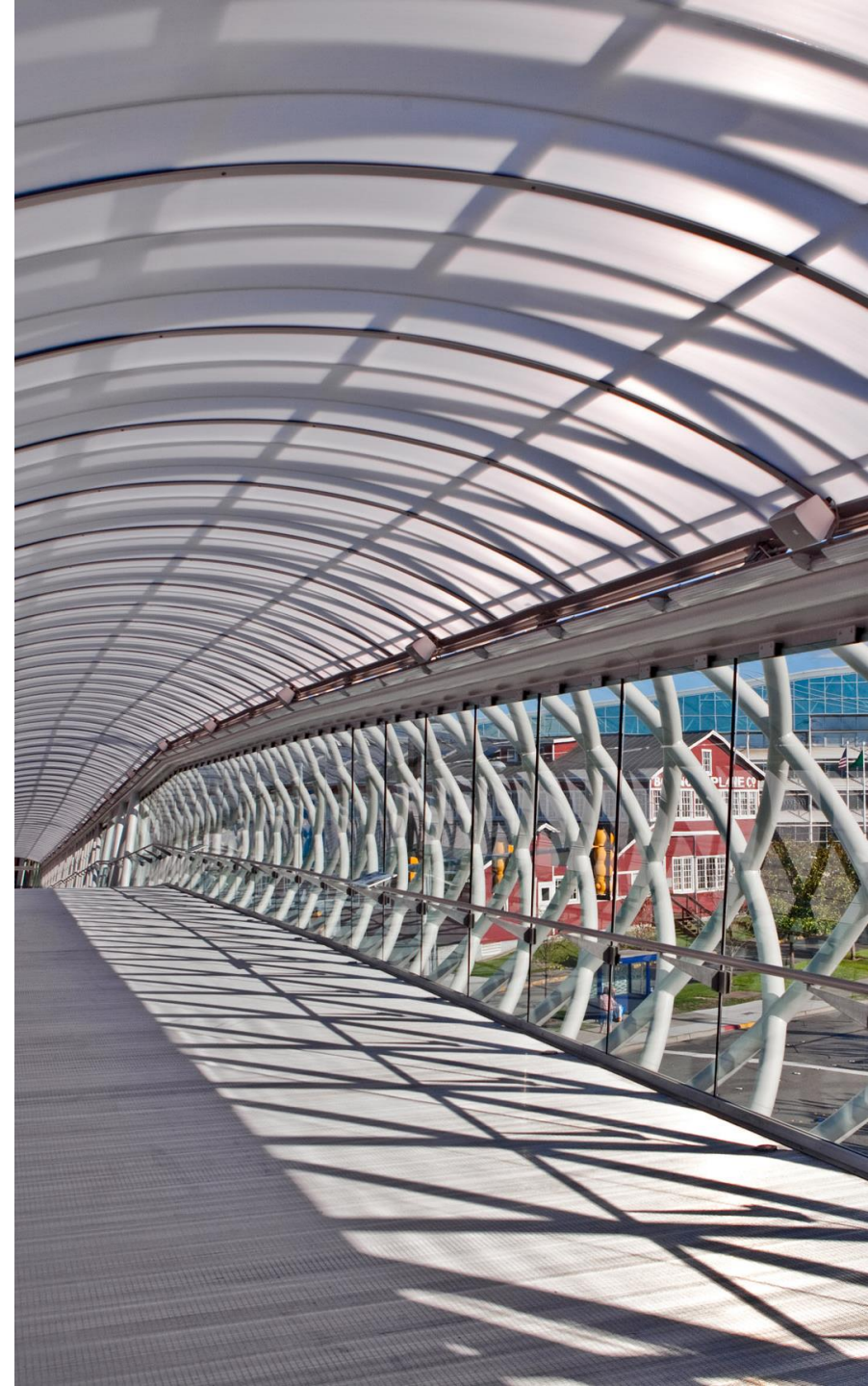


**Support**



**Connect**

**your Business** into a digital one.





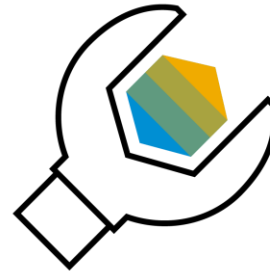
# Integration Framework for SAP Business One

## Platform Capabilities

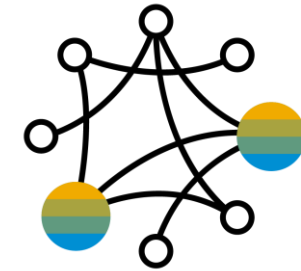
The integration framework for SAP Business One connects SAP Business One with other **applications, services** and **devices** to:



**Transform** SAP Business One  
CORE processes and  
functionality



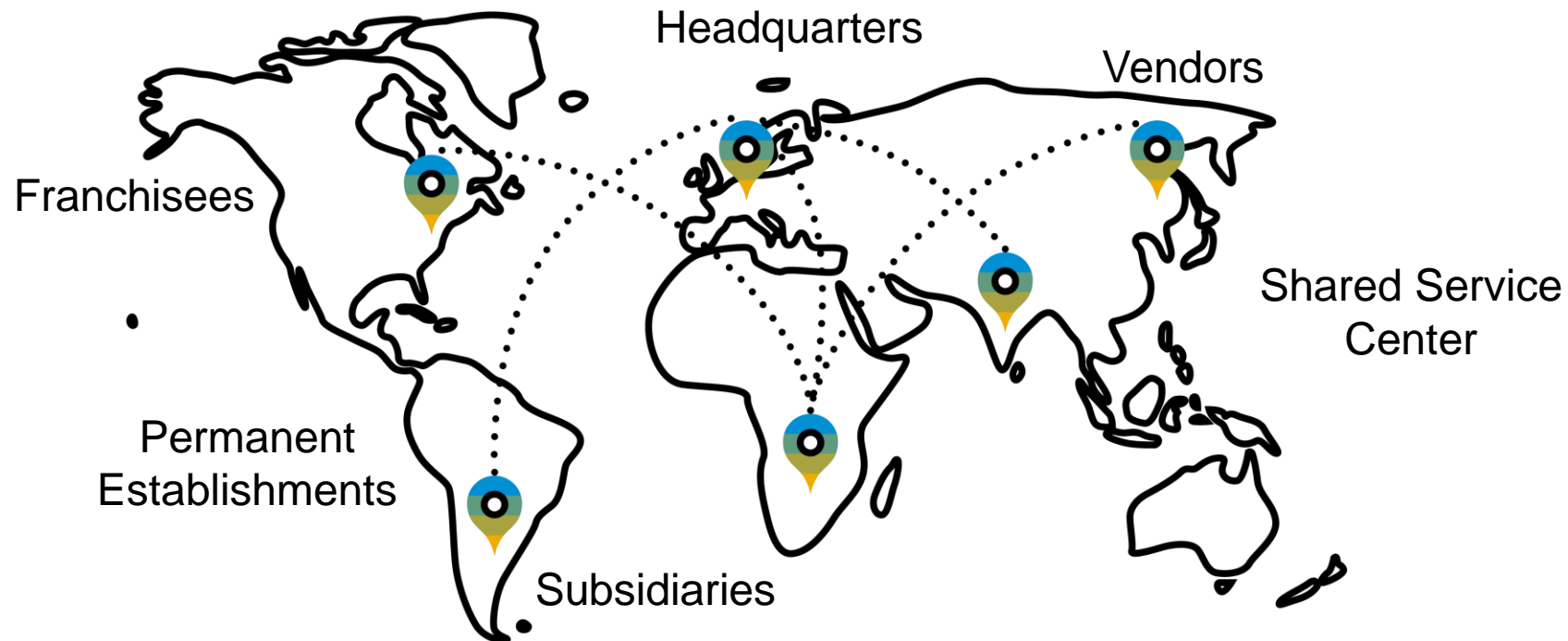
**Support** SAP Business One  
with other applications



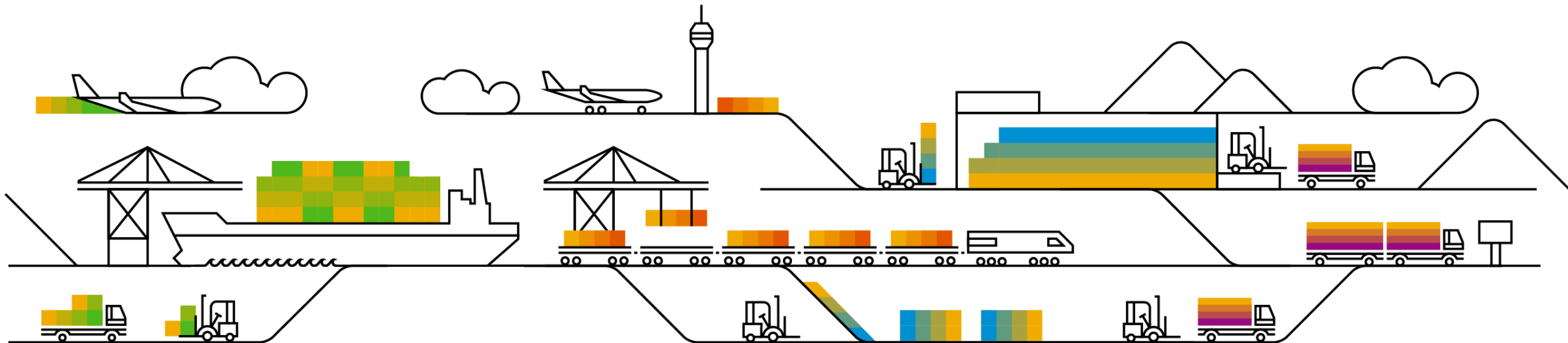
**Connect** subsidiaries, branches  
and business networks

# Examples of Integrating Business Networks

Companies are part of business networks. To unify the communication and reduce complexity in data exchange the integration framework for SAP Business One gives the possibility to bring dependent and independent units together.



# Best Practices of the **Integration Scenarios**



# Business Application Integration Scenarios



## SAP Customer Checkout

Integrates SAP Business One with SAP Customer Checkout (POS solution)



## **SAP Ariba**

Integrates SAP Business One with SAP Ariba marketplace

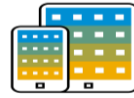
## **SAP Hybris**

Integrates SAP Business One with SAP Hybris Cloud for Customer to expand the CRM Sales functionality

# Business Extension Integration Scenarios



## Mobile



Covers 124+ Web services for mobile devices



## Request for Quotation



Publish quotation requests and receive electronic responses from your suppliers

## Dashboards



Provides generic services to launch dashboards based on SAP Crystal Dashboards

# Country Specific Integration Scenarios

## Payroll HR for Germany

Interface for German payroll provider DATEV

## Electronic Invoicing for Mexico

Online invoicing from a company to its customers and suppliers

## Nota Fiscal Eletrônica for Brazil

Interface

## Document Approval for Portugal

Electronic communication of legal documents (Portugal only)

## Electronic evidence of Sales for Czech

Reporting of all sales electronically to the Finance Administration at the point of sale (Czech only)



# Intercompany Solution Integration Scenarios



## Intercompany Integration Solution for SAP Business One



### Key Functions of Intercompany Solution

- Master Data Replication
- Service Contract and Customer Equipment Card Replication
- UDFs and UDTs Replication
- Intercompany Trade
- Expenses Allocation among Branch Companies/Subsidiaries
- A/P Service Invoice Allocations
- Centralized Payments
- Financial Data Consolidation
- Intercompany Reports
- Remote Query Execution
- Consolidated Credit Limit Check
- Key Mapping Mechanism

# Subsidiary Integration Scenarios



## SAP Business One Integration for SAP NetWeaver



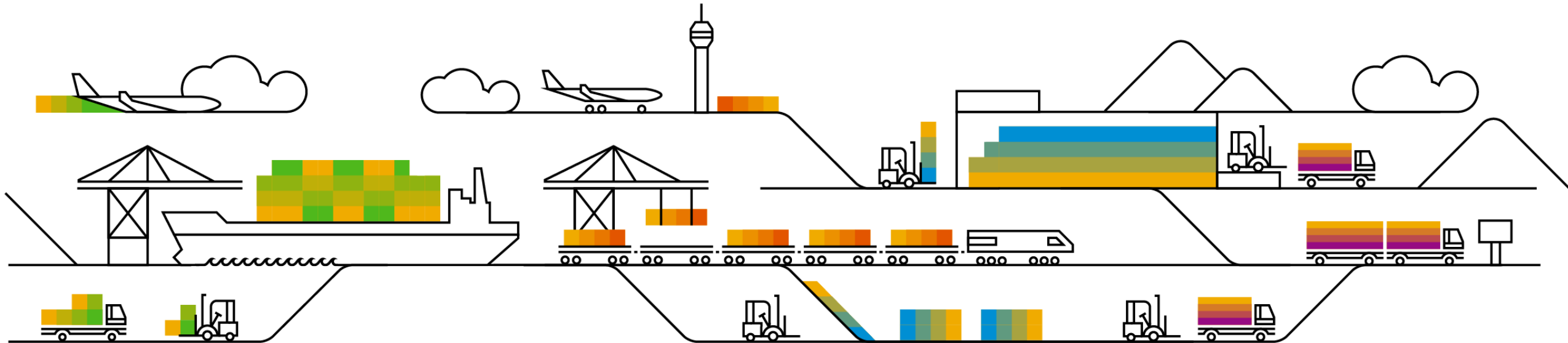
### Scenarios to integrate headquarters running SAP ECC / SAP BW / S/4HANA on Premise and SAP Business One

- Master Data Distribution (Items & Business Partners)
- Intercompany Purchasing
- Management Reporting for Sales Analysis\*
- Liquidity Forecasting\*
- In-House Cash\*
- Customizing Data Distribution\*

\* only relevant for headquarters running SAP ECC / SAP BW



# Best Practices Integration Scenarios **in Detail**

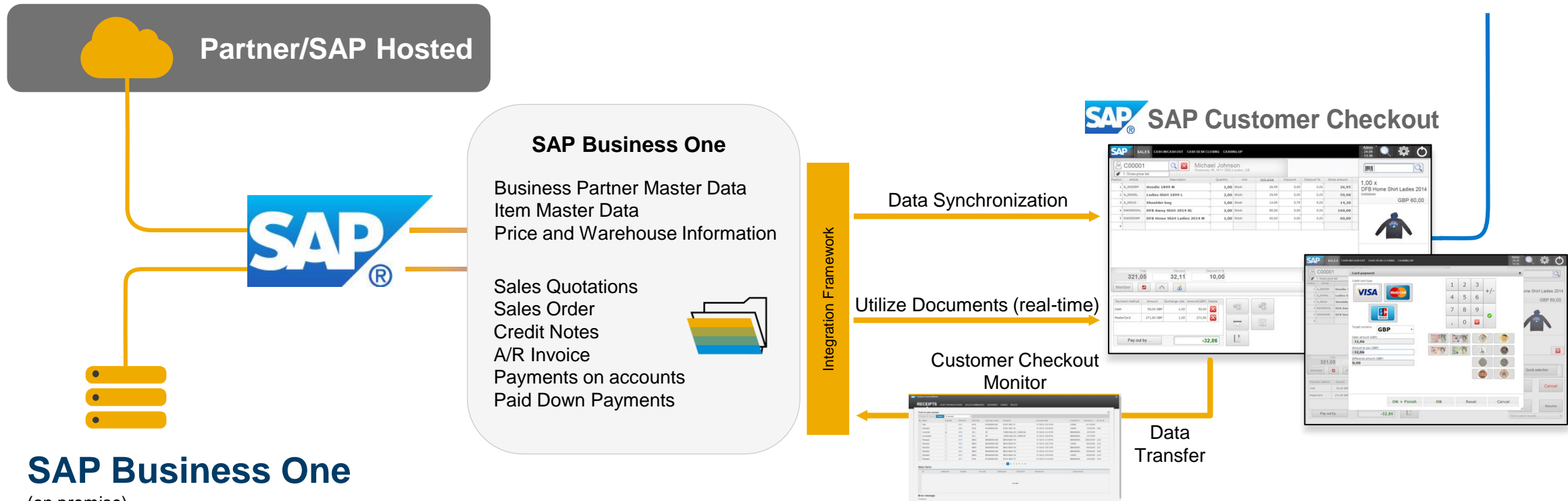


# SAP Business One Integration with SAP Customer Checkout

SAP Customer Checkout is a Point of Sales (POS) solution which covers most common requirements of a fan shop or a retail store.

## SAP Business One

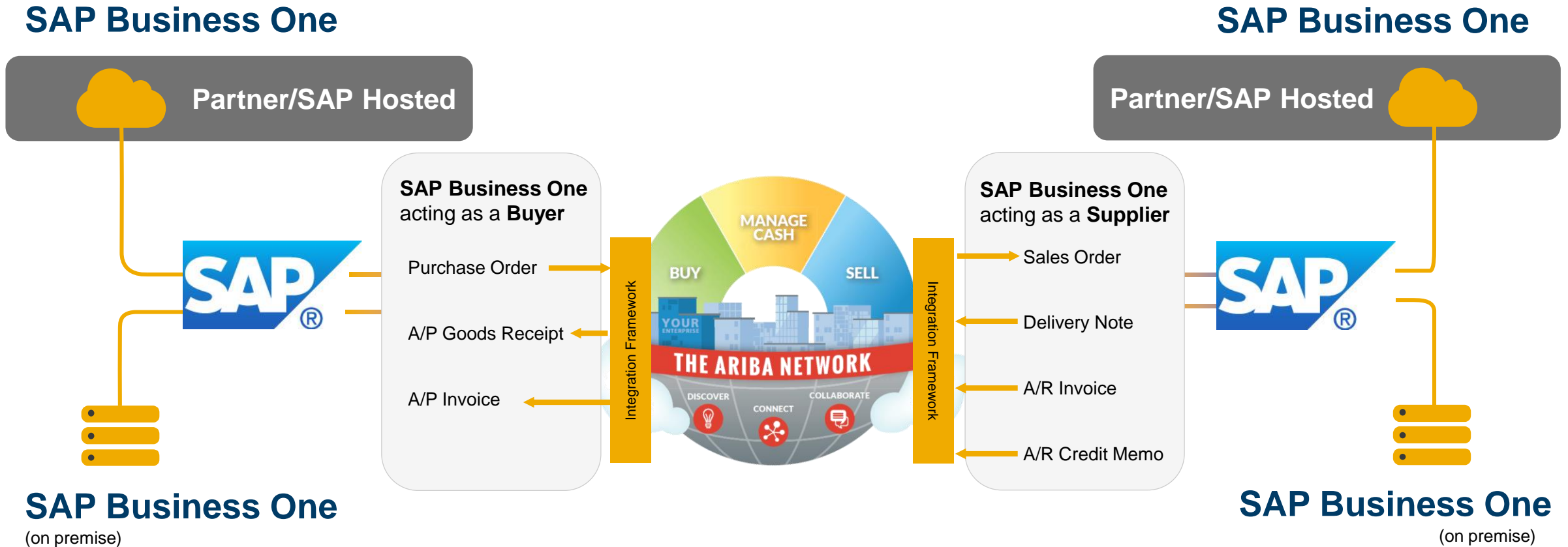
## SAP Customer Checkout\*



\*Localized for specific countries only

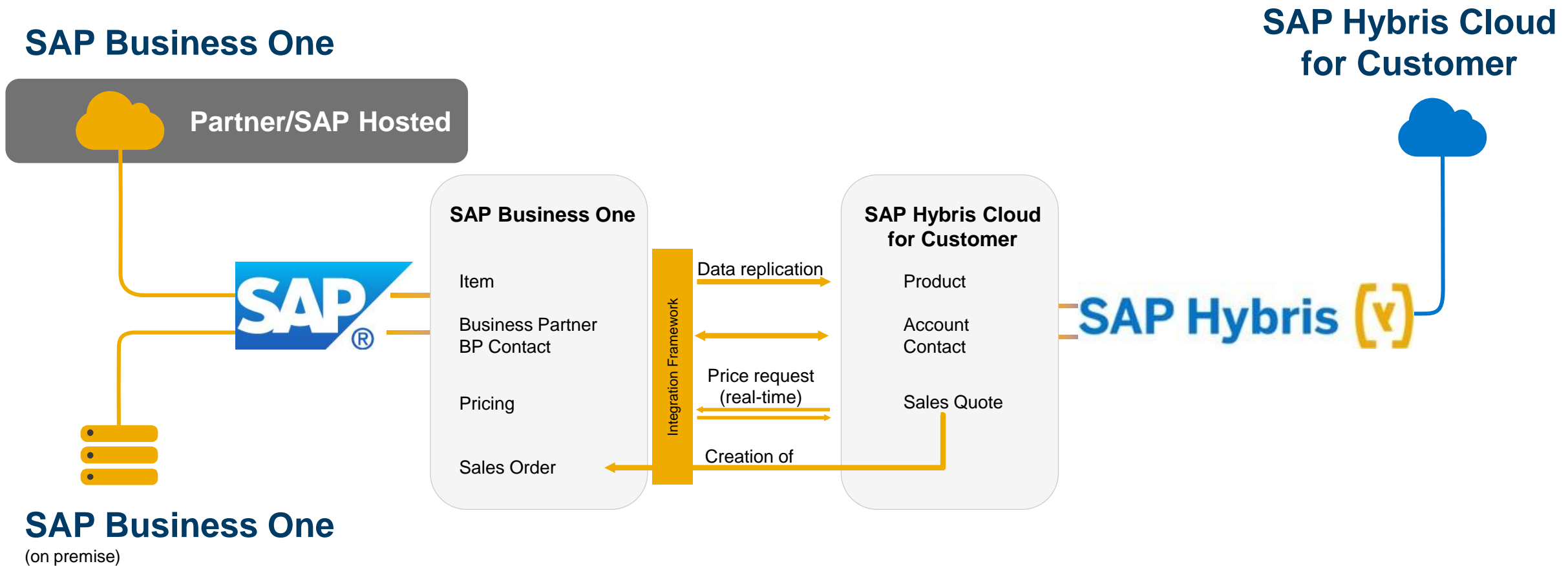
# SAP Business One Integration Package for the Ariba Network

SAP Ariba is a leading business network integration for business-to-business transactions and the connection to the Ariba Network allows process integration with trading partners within the network.

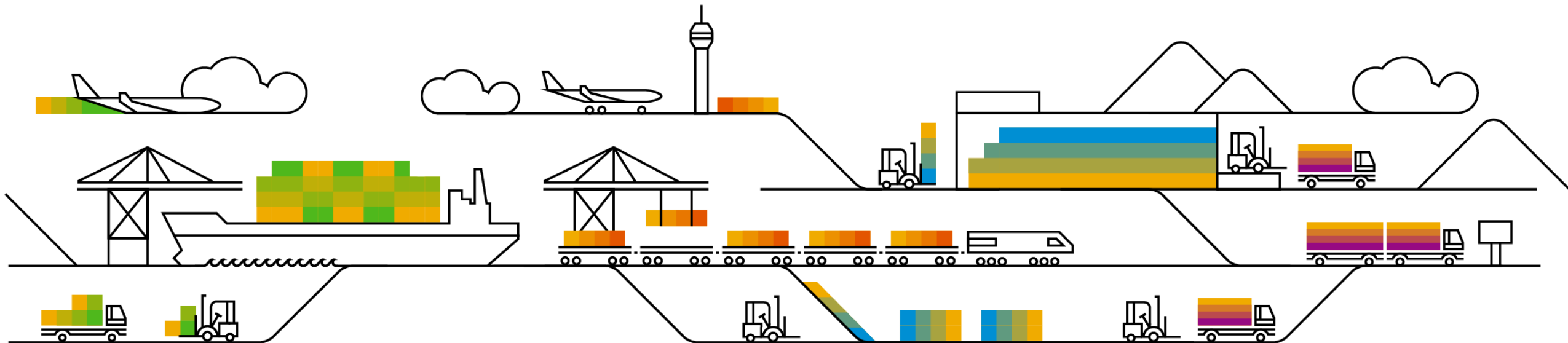


# SAP Business One Integration with SAP Hybris Cloud for Customer

The CRM SaaS solution SAP Hybris Cloud for Customer is a platform to align the selling process to prospects' and customers' buying journey.



# The Technical Aspects of the **Integration Framework**



# The Integration Framework in General

The integration framework for SAP Business One is part of the SAP Business One installation:



Simple to install and runs on SAP HANA and Microsoft SQL Server



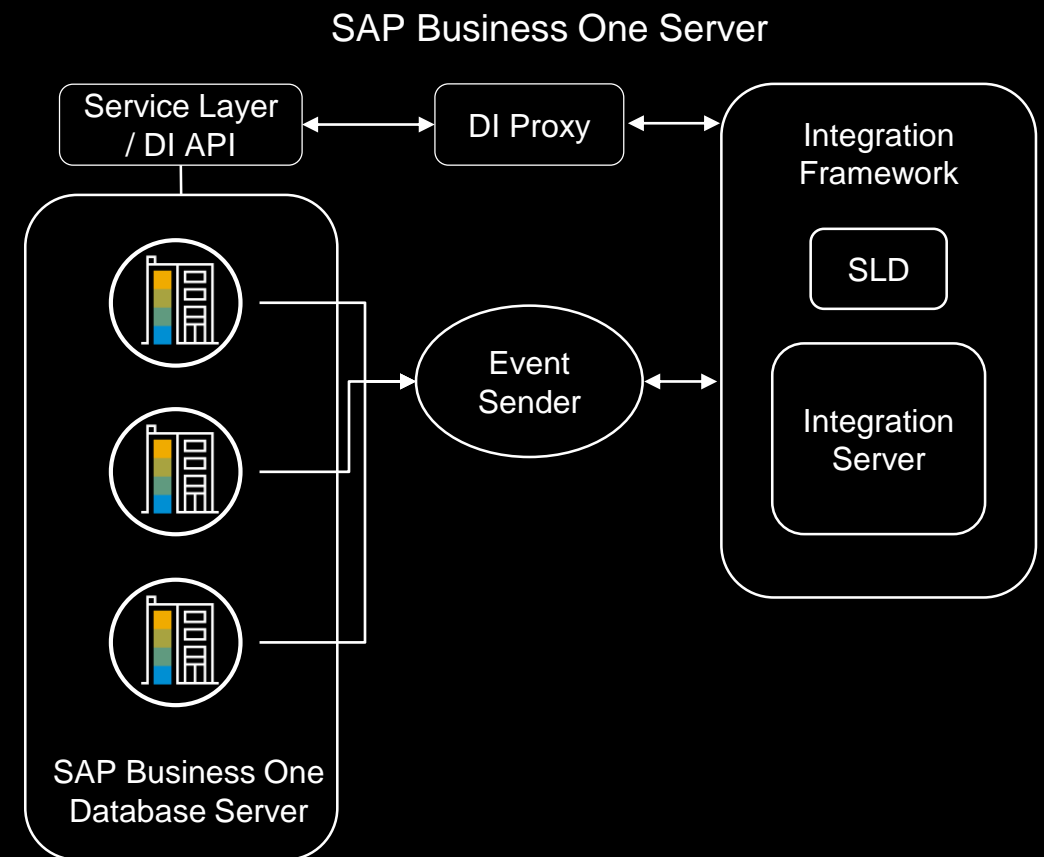
Can integrate SAP and non-SAP systems, web and cloud-based applications, and services



Including message and error handling, business process control, tracking, logging, transaction control, security



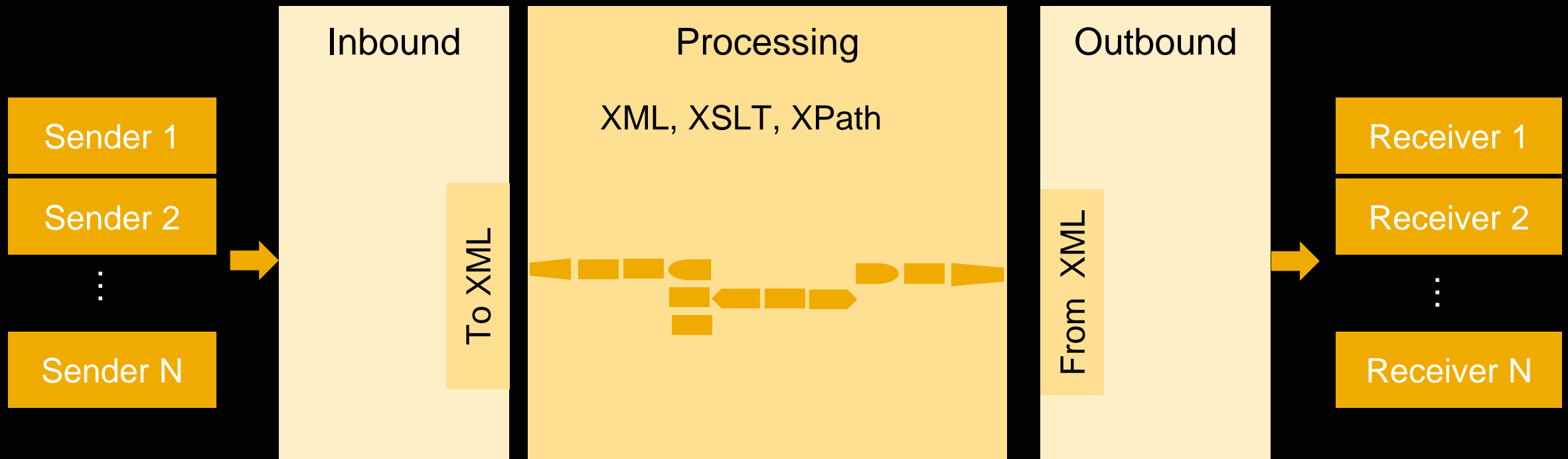
Uses established integration standards such as XML and XSLT



# Scenario Step Processing in the Integration Framework

The integration framework is an integration and collaboration server to develop and run integration scenarios. The scenario packages consist of different scenario steps with all required data.

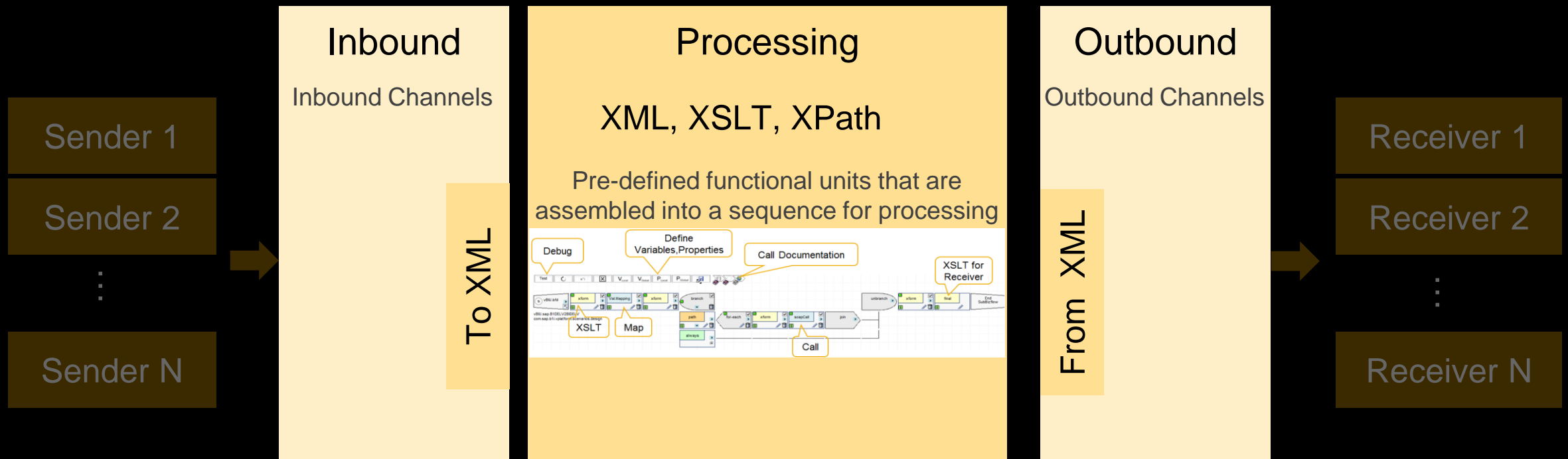
A scenario step consists of these phases and the data is internally processed as XML message.



# Scenario Step Building Blocks

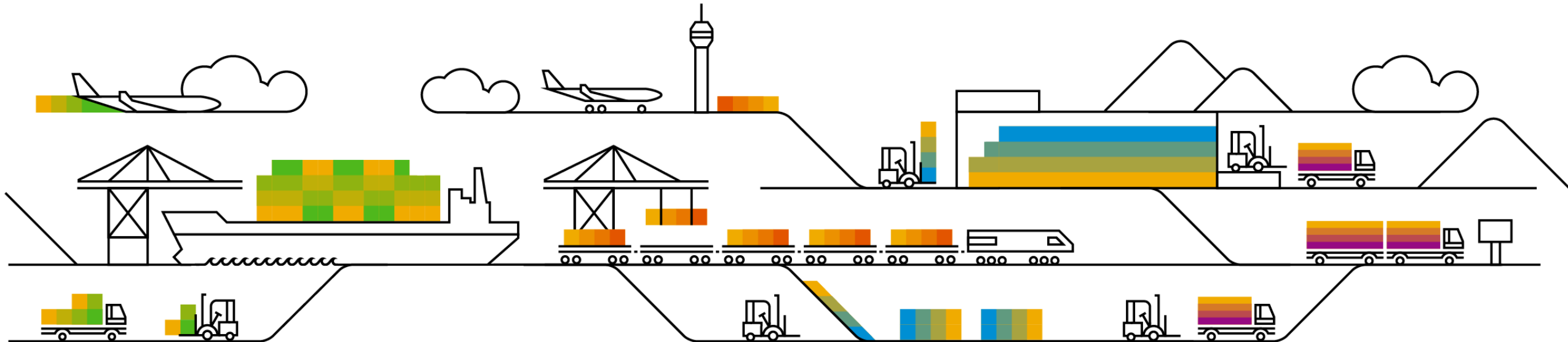
Definitions in the step design:

- Inbound and Outbound channels, e.g. SAP Business One, Database, HTTP, File, Timer, Web Service, SAP ERP
- Processing Phase





# Benefits and Key Aspects of the **Integration Framework**



# Benefits and Key Aspects of the Integration Framework

Connects SAP and non-SAP systems

Supports SAP HANA platform and Microsoft SQL database

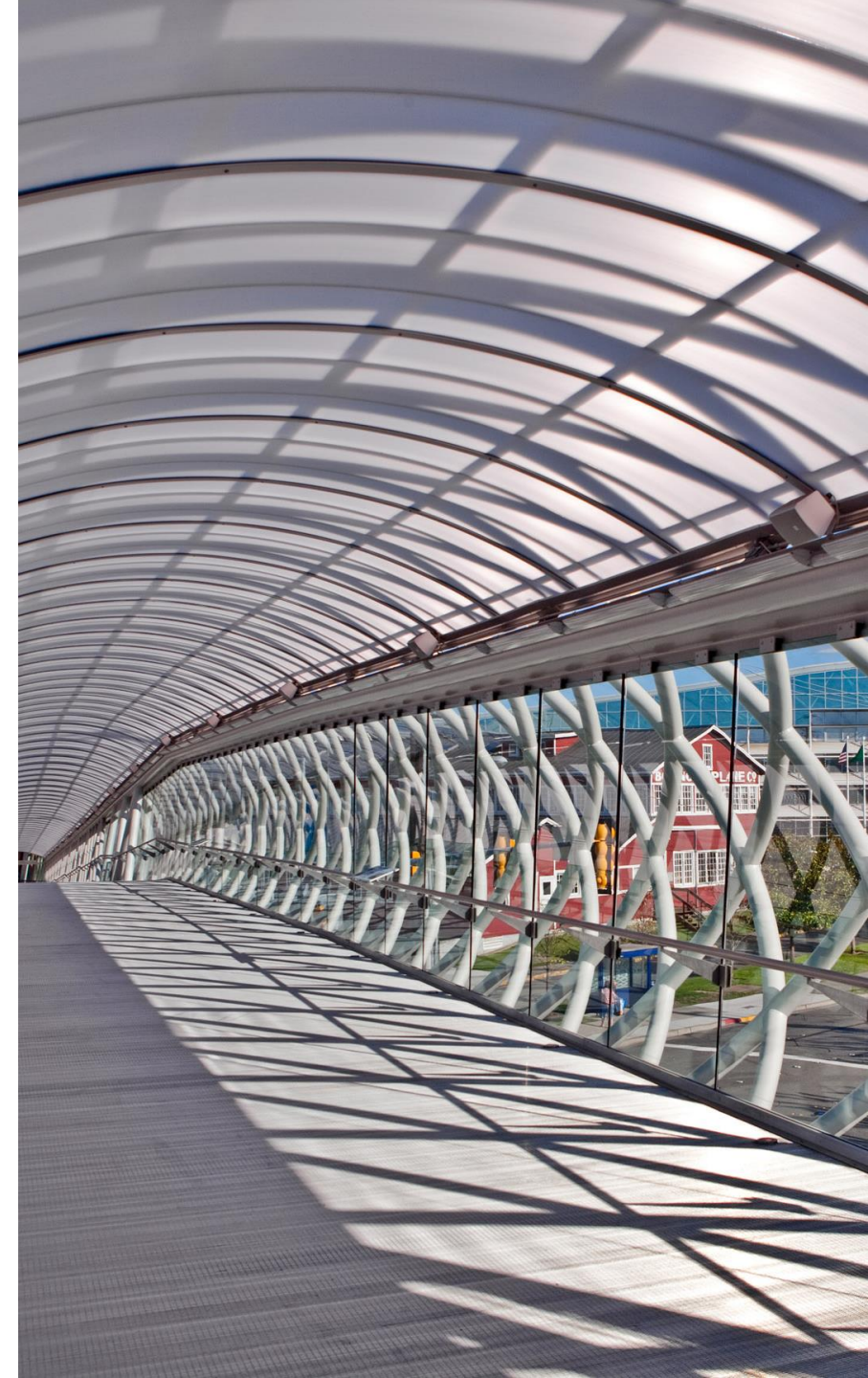
Expanding the scope of SAP Business One:

- Various use cases
- Best practice scenarios

All integration aspects covered in one product:

- Supports Business Process Management Notation (BPMN)
- Programming language addresses integration requirements

Two deployment options available: On premise and Cloud





For more information, please see:

- openSAP Course [In Action – Integration Framework for SAP Business One](#)
- Integration Framework for SAP Business One – [Central Blog](#)
- SAP Help Portal [Integration Framework for SAP Business One](#)

**Thank you.**

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