



SAP Master Data Governance, cloud edition – Overview (as of release 2305)

SAP Master Data Governance, Product Management, SAP
May 20, 2023

Public

SAP Master Data Governance – Solutions and Strategy

SAP Master Data Governance, cloud edition - Solution at a Glance

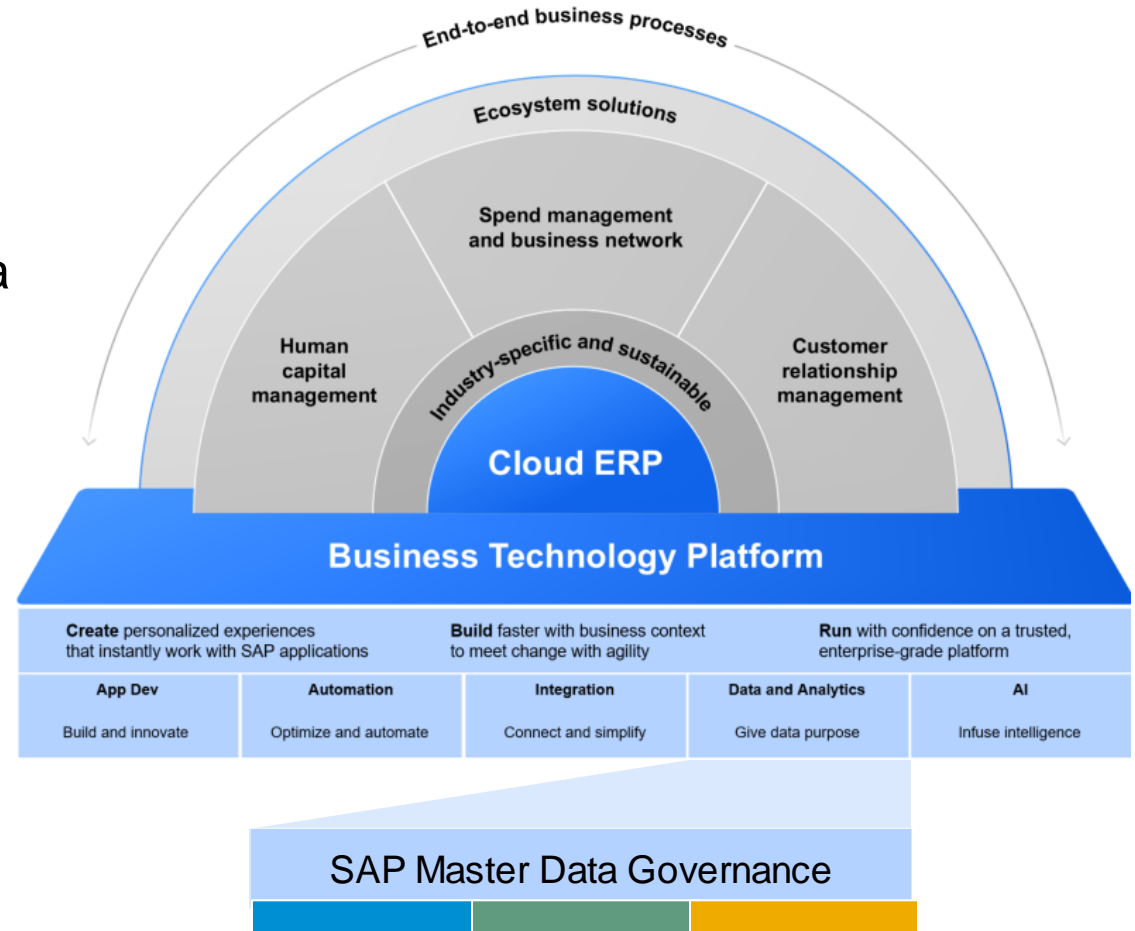
- Data model
- Core attributes vs. application attributes
- Key capabilities
- Example use cases
- Outlook on federated MDG

SAP Master Data Governance, Cloud Edition Complements SAP Master Data Governance on SAP S/4HANA

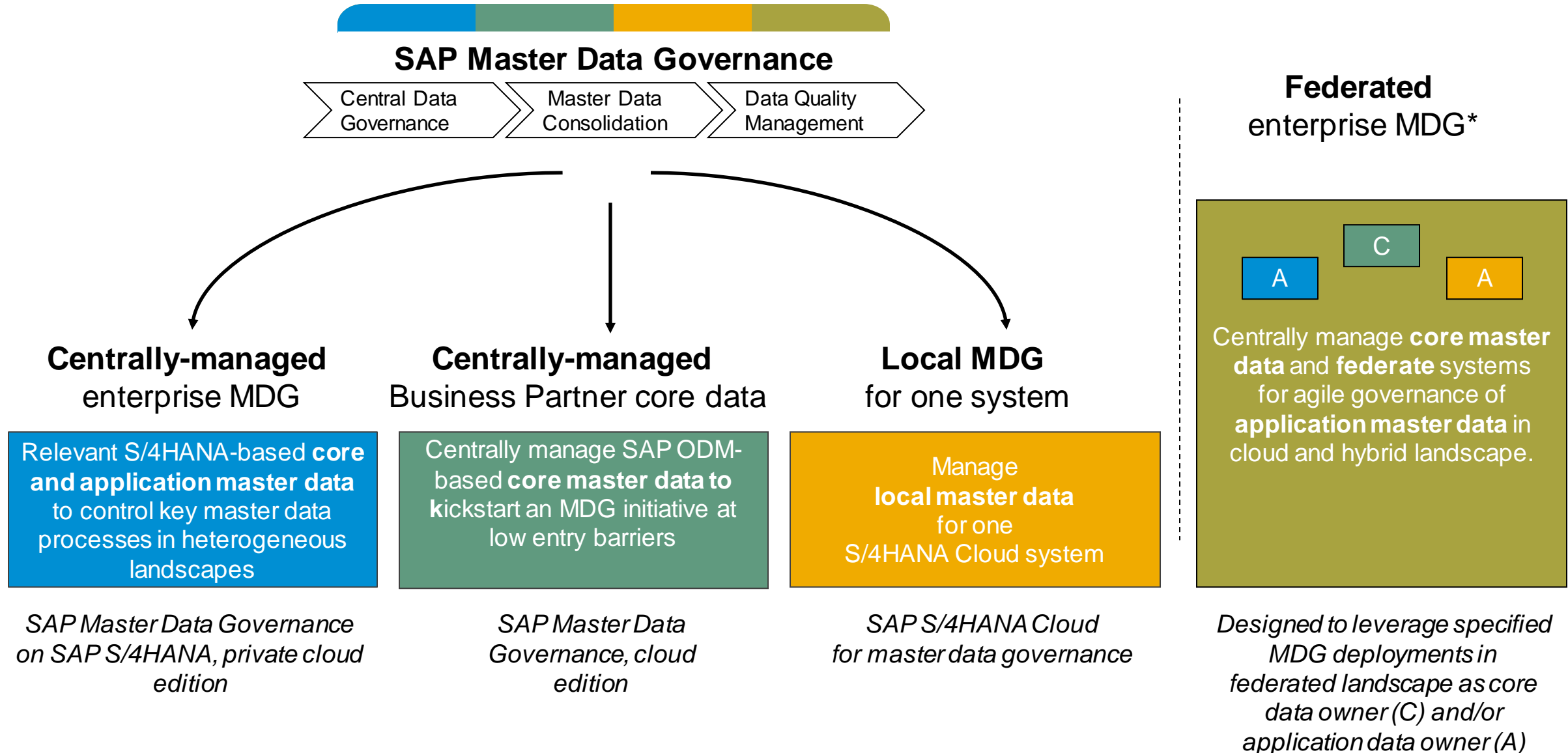
"Strengthen our core to grow from our installed base and win net new names"

Cloud ERP is BTP focus point. SAP Master Data Governance is elementary for high-quality master data

- SAP S/4HANA-centric organizations typically (plan to) govern their enterprise master data with SAP Master Data Governance on SAP S/4HANA (PCE) (with option to build out federated governance).
- **Additionally**, organizations seeking a smaller governance focus (only core Business Partner data) can kick it off with SAP Master Data Governance, cloud edition (with option to build out federated governance).



Deployment Options Supporting Business Needs and Landscapes



All MDG Deployments are Evolving in Line with Our Overall Strategy

Check the [SAP Roadmap Explorer](#) to find out about implemented and planned innovations across the MDG portfolio, incl.:

- *SAP Master Data Governance on SAP S/4HANA, private cloud edition (and on premise)*
- *SAP Master Data Governance, cloud edition*
- *SAP S/4HANA Cloud for master data governance (public cloud edition)*

2023

2024

2025

2026



SAP Master Data Governance, Cloud Edition

Manage core master data at corporate level

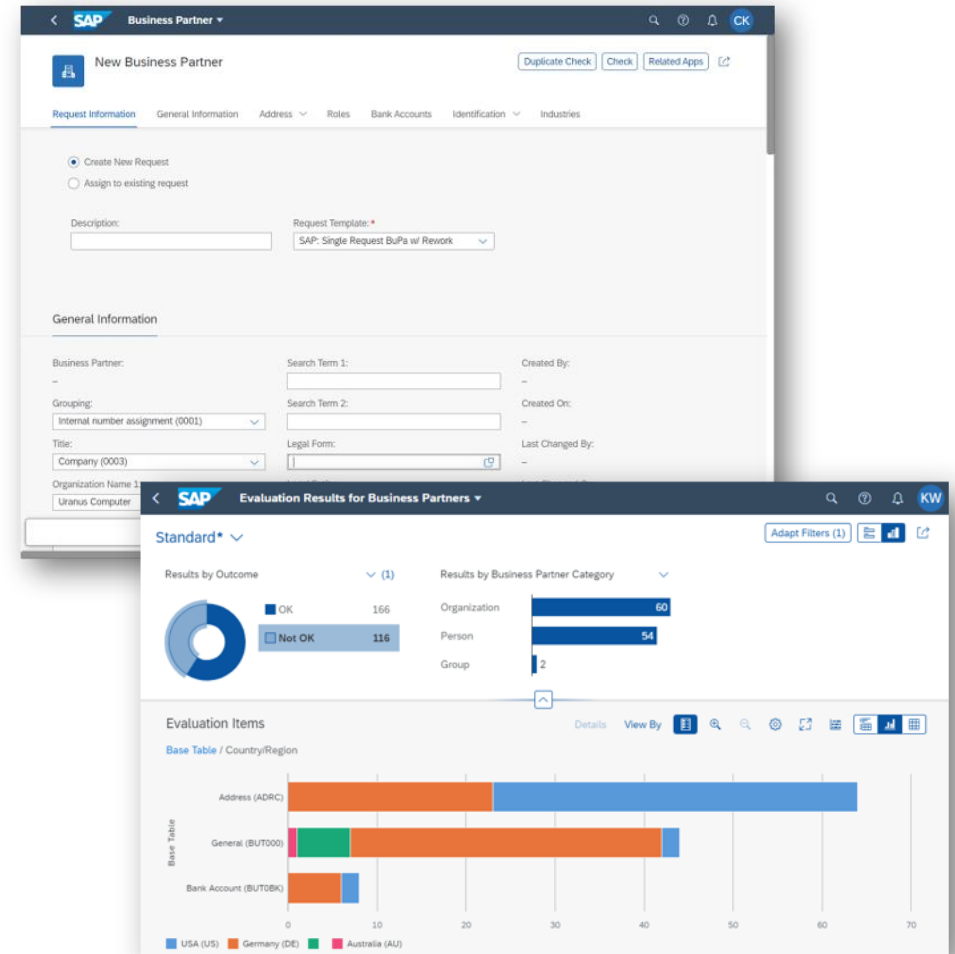
SAP Master Data Governance, cloud edition is a SaaS solution for master data governance of **core attributes based on SAP One Domain Model** for business partner data (customer and supplier); more domains planned.

Benefits

- Ensure high-quality master data across the enterprise with master data management initiative (MDM) at low entry barriers and with fast time to value
- Open to federated governance to make sure that data is managed where it is best understood (core attributes – centrally; application-specific attributes de-centrally)
- Optional deployment option, **complementary** to SAP Master Data Governance on S/4HANA: both are designed to interplay in a federated scenario

Key capabilities

- Data model based on SAP One Domain Model
- Governs core attributes of business partner data at corporate level
- Features consolidation, central governance, data quality management
- Ensures de-central data creation/change with duplicate prevention
- Uses SOAP and MDI as integration technologies



Based on SAP One Domain Model

Establishing One Domain Model (ODM) for communication across SAP applications

Motivation

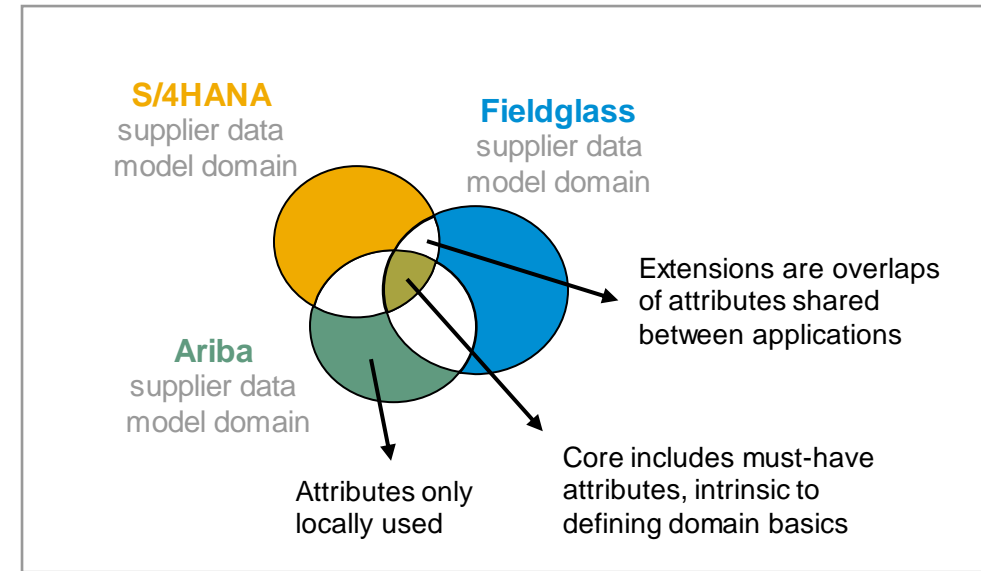
Aligned domain models are an enabler for consistent APIs and reduced dependency on middleware to translate data structures and values

Vision

Creation of aligned data models for all key domains throughout most of the SAP applications and processes

User Story

Users will find support on Domain Model Alignment (DMA) and initiate the alignment of data objects that are relevant in an integration scenario



SAP One Domain Model



Define the language applications use to communicate with each other



Lower integration efforts due to aligned objects used across products

Core Master Data and Application Master Data (Business Partner)

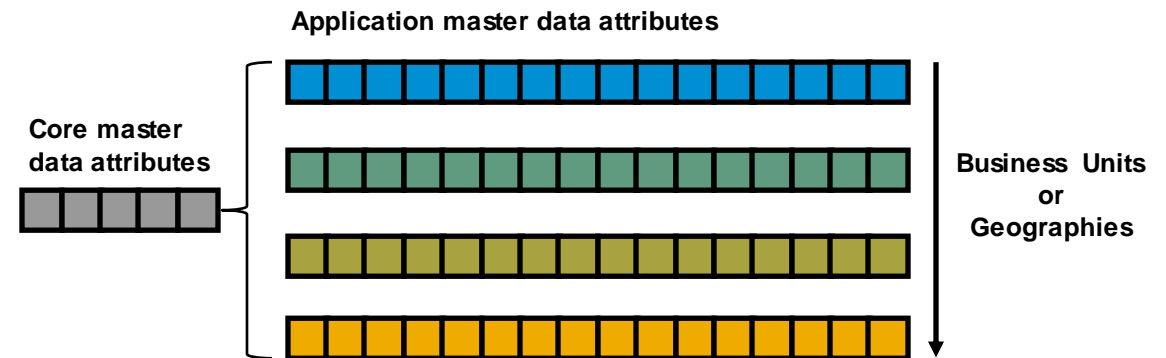
In heterogenous organizations, master data structures typically contain:

- **Identical core attributes**, usable homogenously across the enterprise
- A very rich set of **application attributes**, defined **differently per application and / or business unit**

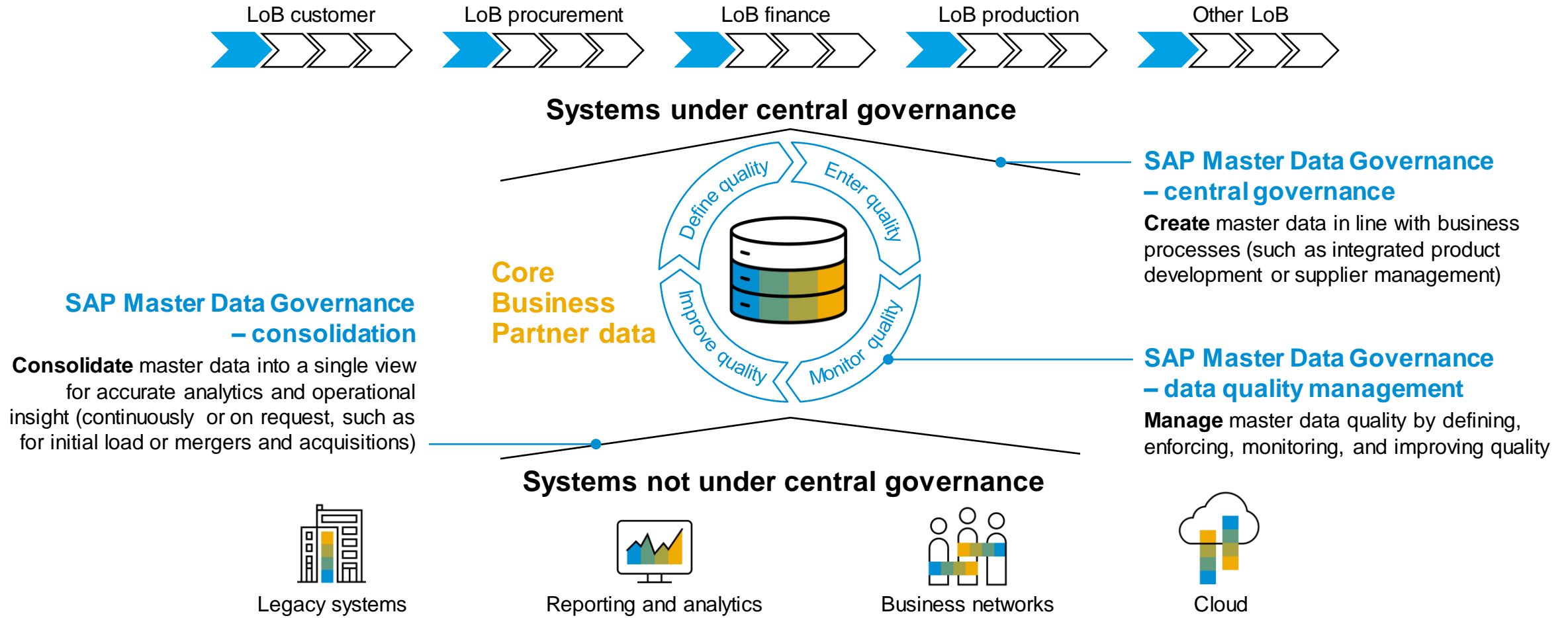
When establishing corporate-wide master data management, these organizations often struggle to find the single approach that meets all stakeholder requirements

SAP's extended MDG portfolio allows organizations to flexibly balance corporate needs and business-unit needs

SAP Master Data Governance, cloud edition governs **core business partner data attributes** on a corporate level for de-central use and completion with application-specific attributes.



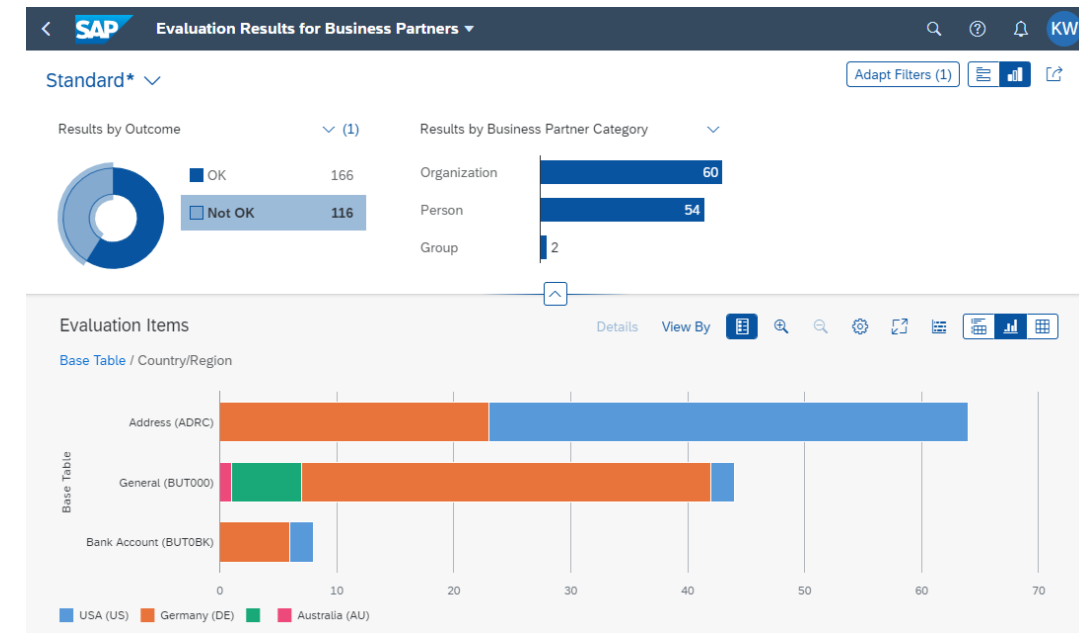
SAP Master Data Governance, cloud edition: Key Capabilities



Data Quality Management of Core Business Partner Attributes

Comprehensive capabilities to manage and implement validation rules, and analyze and monitor data based on these rules:

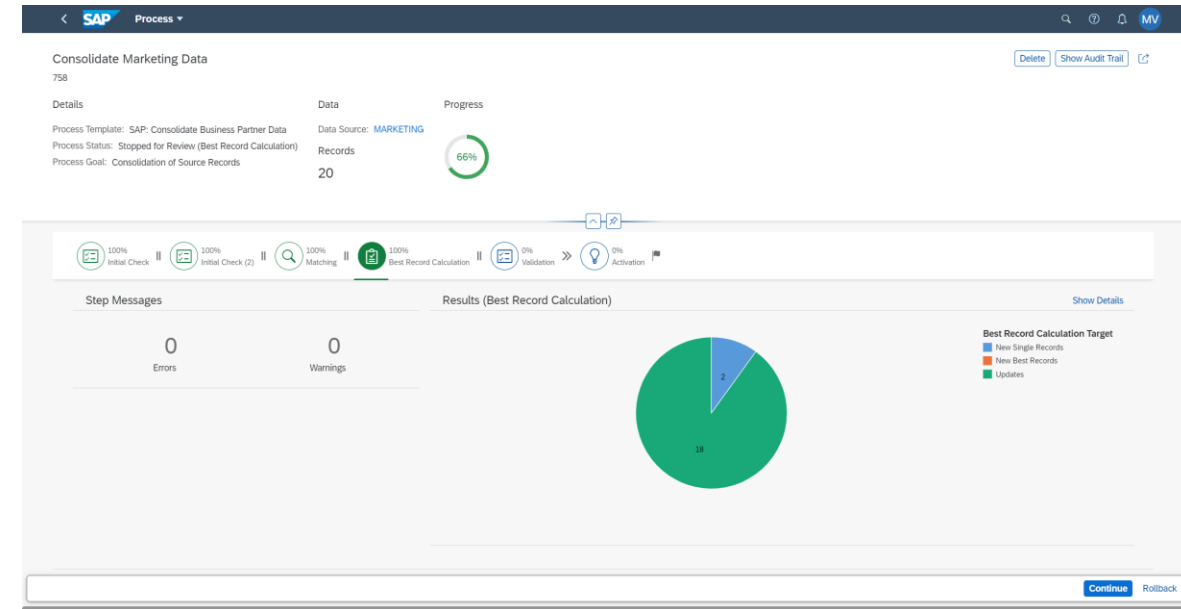
- Collaboratively **describe, catalog, and implement rules** for data quality management
- Apply rules in inbound processing, consolidation, central governance and data quality evaluations
- Visualize prevailing data quality
- **Analyze** and **remediate** quality issues seamlessly based on evaluation results



Master Data Consolidation of Core Business Partner Attributes

Deduplication process involving:

- Data **import**
- Initial check for data consistency
- Address **validation**
- Automated matching plus review UI to **detect duplicates**
- Best-record calculation to **merge duplicates** and create best record
- Validation and activation to trigger **replication**



*Requires a subscription to SAP Data Quality Management - microservices for location data (see [SAP Store](#))

Central Data Governance of Core Business Partner Attributes

Configurable workflow for data creation or change with replication:

- Approval **workflow**
- Checks based on **validation rules**
- Optional **data provider integration** to automate creation and enrichment process
- Processing per **single or mass request**
- Full **audit trail** to track changes

The screenshot displays the 'New Business Partner' form in the SAP Business Partner interface. The top navigation bar includes the SAP logo, 'Business Partner', and a 'CK' button. The main header shows 'New Business Partner' with buttons for 'Duplicate Check', 'Check', 'Related Apps', and a share icon. Below this is a tabbed interface with 'Request Information' selected, followed by 'General Information', 'Address', 'Roles', 'Bank Accounts', 'Identification', and 'Industries'. The 'Request Information' section contains two radio buttons: 'Create New Request' (selected) and 'Assign to existing request'. Below these are a 'Description' text field and a 'Request Template' dropdown menu set to 'SAP: Single Request BuPa w/ Rework'. The 'General Information' section is divided into three columns. The first column contains 'Business Partner' (set to '-'), 'Grouping' (set to 'Internal number assignment (0001)'), 'Title' (set to 'Company (0003)'), and 'Organization Name 1' (set to 'Uranus Computer'). The second column contains 'Search Term 1' and 'Search Term 2' (both empty), 'Legal Form' (empty), and 'Legal Entity' (empty). The third column contains 'Created By' (empty), 'Created On' (empty), 'Last Changed By' (empty), and 'Last Changed On' (empty). At the bottom right, there is a 'Draft saved' status and buttons for 'Save and Submit', 'Save', and 'Cancel'.

Replication of Core Business Partner Attributes

SAP Master Data Integration is the go-to technology for data replication in the Intelligent Enterprise.

- SAP Master Data Governance, cloud edition offers data replication via SAP MDI.

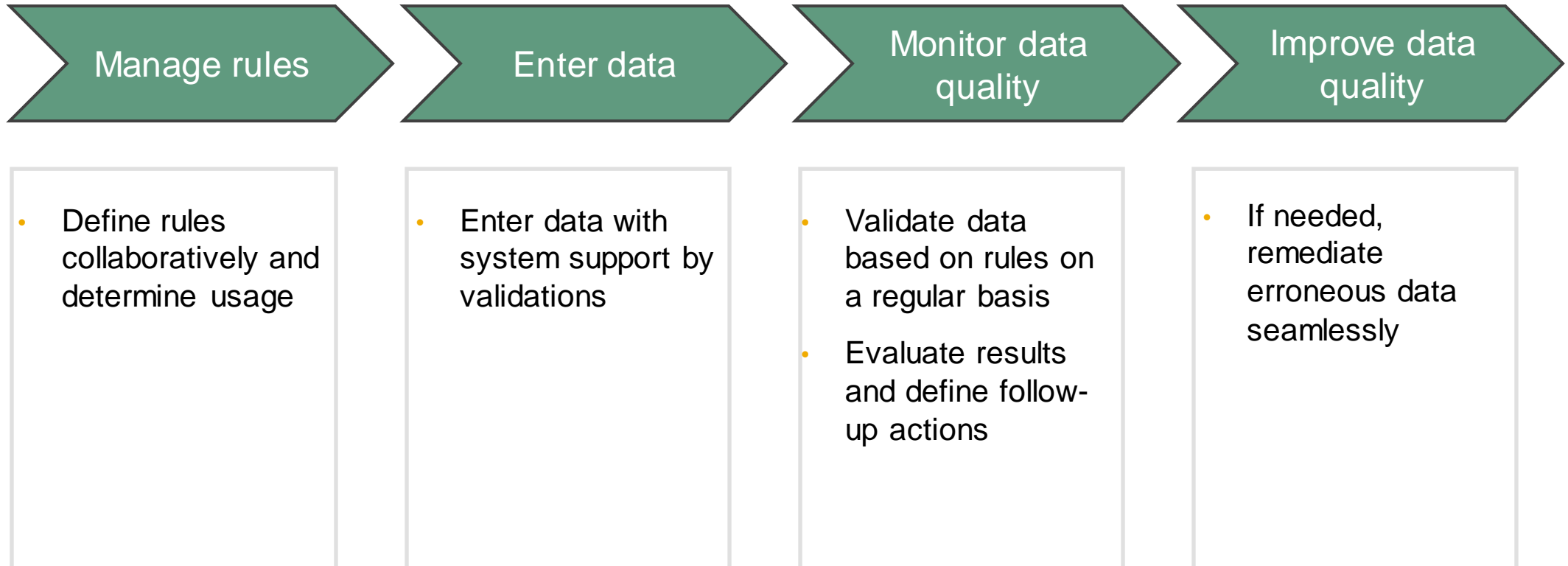


At the same time, direct replication via SOAP has been used for a long time and many organizations would like to continue using it.

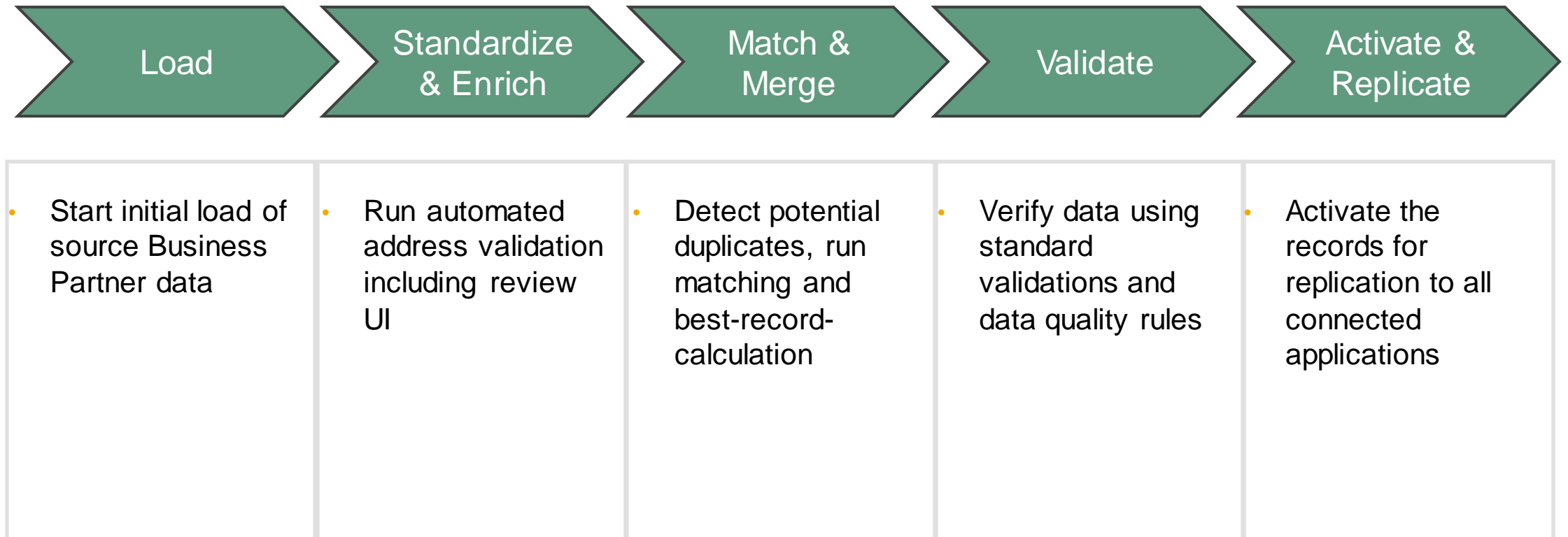
- SAP Master Data Governance, cloud edition also offers the option to use SOAP-based replication (at least in those domains where it is an established technology, e.g., Business Partner). Sometimes this will even help to accelerate the adoption of new scenarios.
- Organizations have the choice to continue using SOAP and can decide on their own when they want to move to SAP MDI.

For the integration of 3rd party applications to SAP MDG, cloud edition the recommended product is SAP Integration Suite (for both SAP MDI and SOAP-based replication).

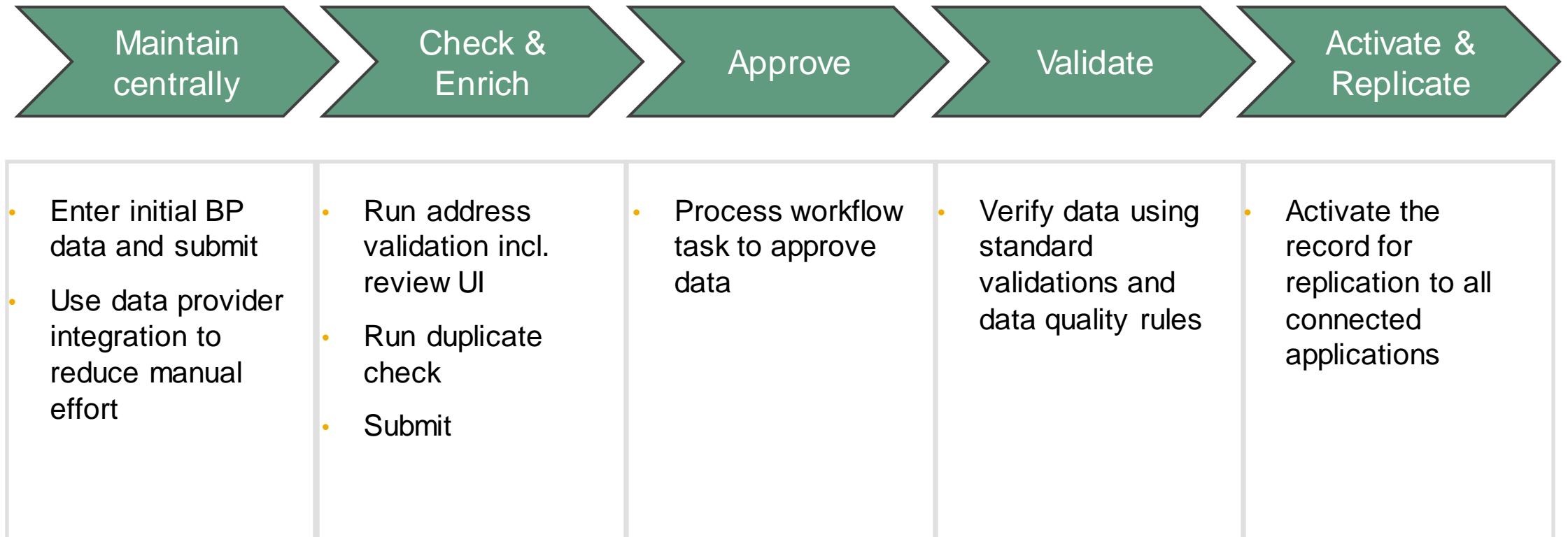
Use Case: Data Quality Analysis and Remediation of Core Business Partner Attributes



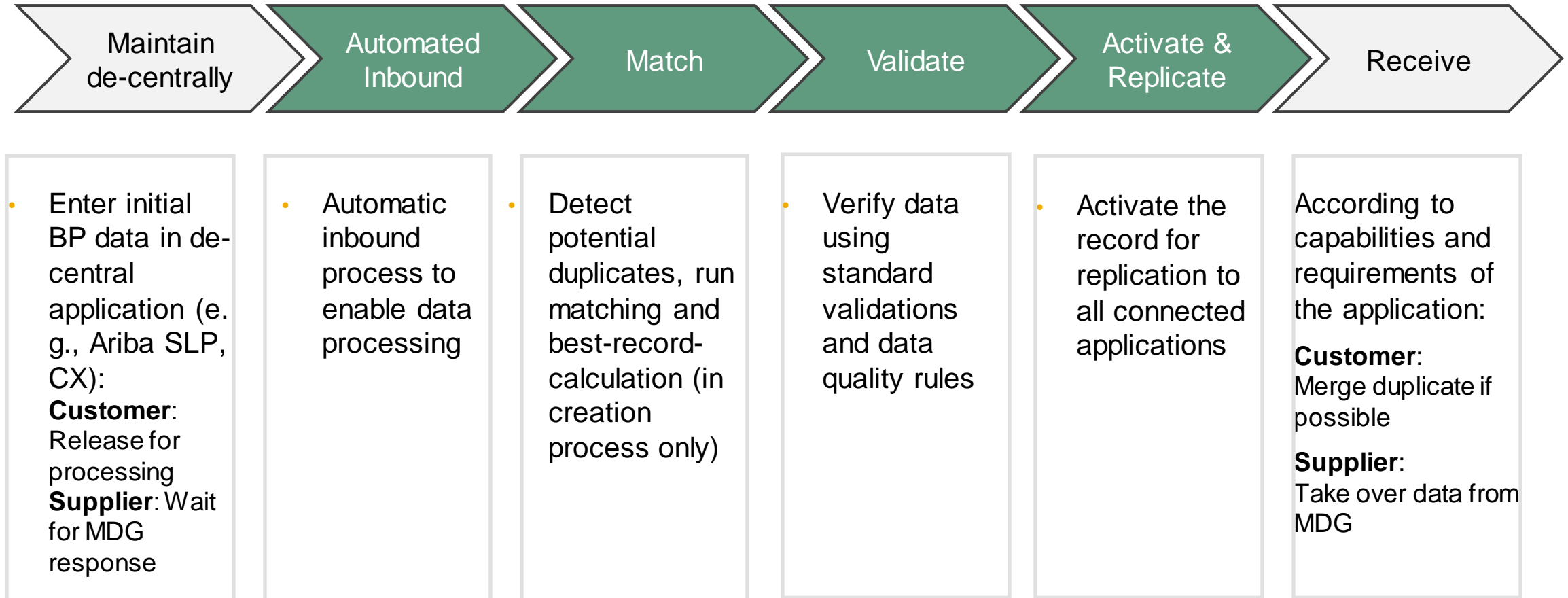
Use Case: Consolidation of Core Business Partner Attributes



Use Case: Central Maintenance of Core Business Partner Attributes



Use Case: Decentralized Maintenance of Core Business Partner Attributes with Duplicate Prevention



“Customers have repeatedly asked for the de-central creation use case”

Outlook on Federation of Master Data Governance*

Challenge

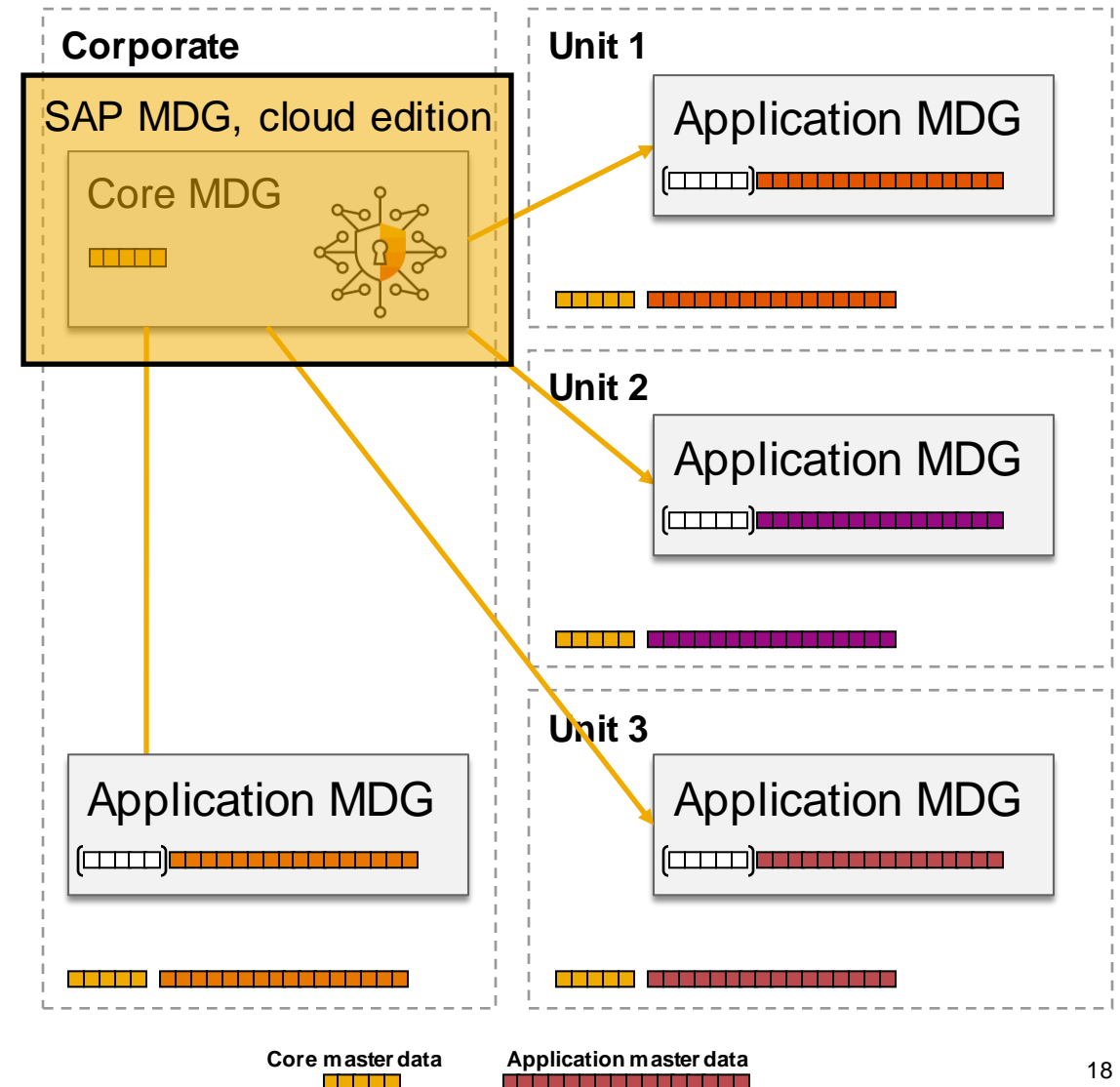
- Heterogeneity of different business units and complex system landscapes add undue complexity to corporate MDM
- While core attributes can typically be harmonized across all units, application master data is very diverse by nature
- Difficulties to centrally harmonize all application data and translate back to decentral understanding

Solution

- Set the right level of centralization and harmonization for effective master data management to manage the data where it is best understood:
 - Manage core attributes centrally and only once
 - Manage application-specific attributes in the context of homogenous business units (as centrally as possible, as de-centrally as needed)
- Federate processes across all contributing applications to flexibly address all corporate and business unit needs

Benefit

- Faster time to value, largely increased flexibility enabling broader MDM scope due to lower upfront harmonization needs



Summary

SAP Master Data Governance, cloud edition is a **software-as-a-service application (SaaS)** that governs **core attributes** of business partner data. It features **master data consolidation**, **central governance** (single and mass processing) as well as **data quality management**; including replication to de-central systems.

It is particularly suited for companies that:

- Plan an MDG initiative for their business partner data and want to **kick-start at low entry barriers**.
- Have a need of **central governance of core business partner** data and are looking for a **public-cloud SaaS solution**.
- Focus on central governance of **core attributes** only and want to leave application-specific attributes in the realm of de-central systems (with the future option to set up federated MDG).

Thank you.

Contact information:

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