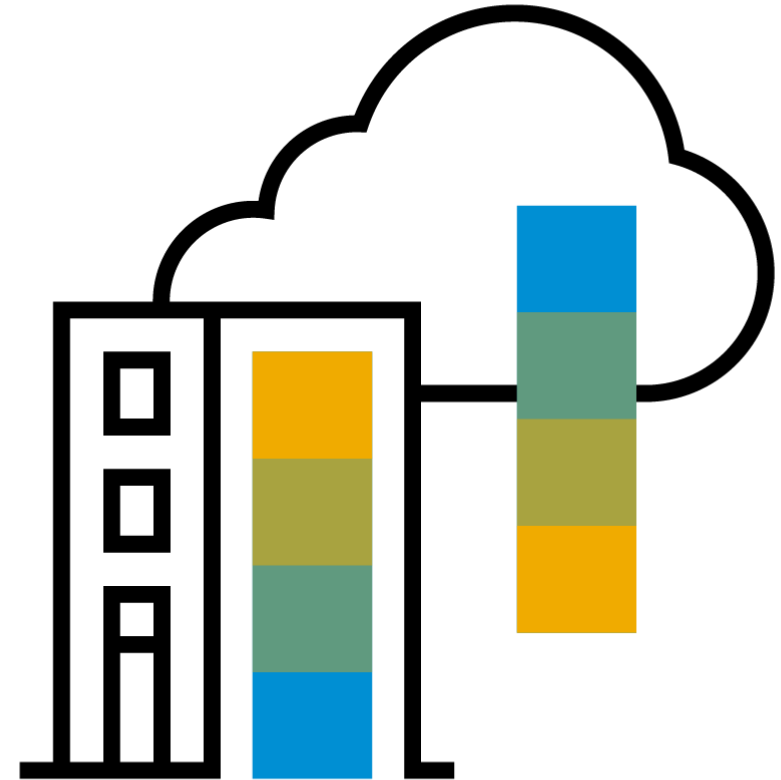


SAP Master Data Governance

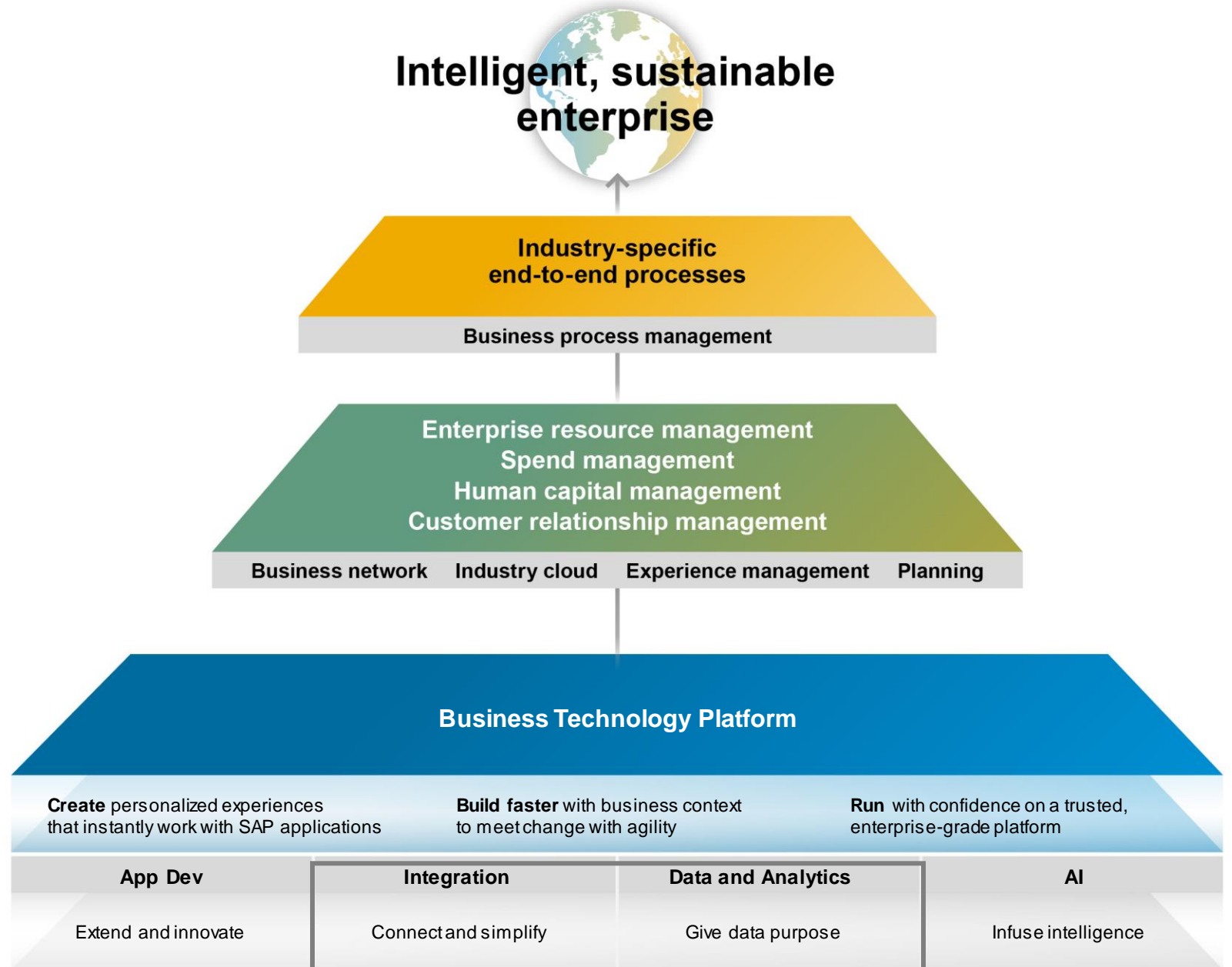
Extended portfolio and additional deployment options

Product Management, SAP
October 2022

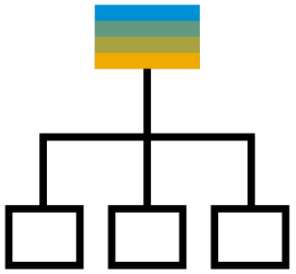
Public



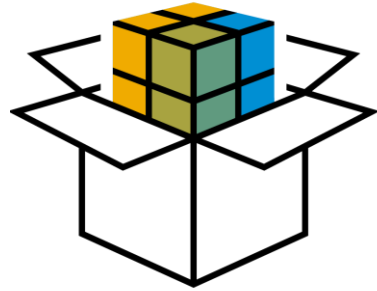
SAP BTP is the foundation of the Intelligent Sustainable Enterprise



What SAP customers are asking?



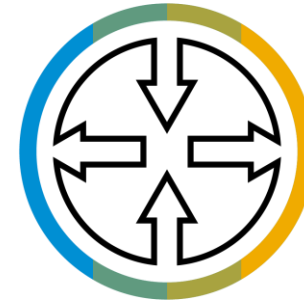
Aligned domain models



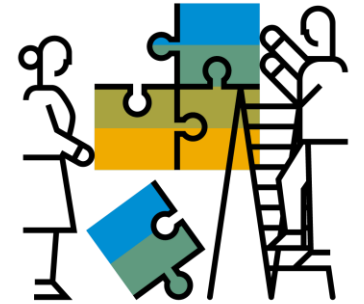
Out-of-the-box integrations



Sustained high-quality of master data



Flexibility to integrate non-SAP products



Extensibility and adaptability

Domain Model Alignment

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

Motivation

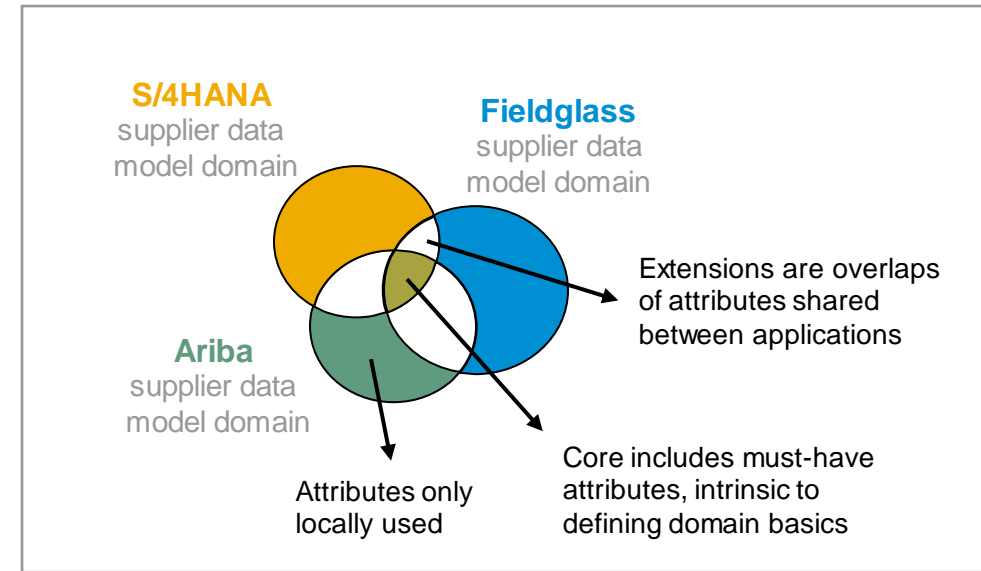
Aligned domain models are an enabler for consistent APIs and reduced dependency on middleware to translate data structures and values

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

Ensuring a consistent view on master data across end-to end scenarios

SAP Master Data Integration uses ODM for out-of-the-box SAP integration* and openness to non-SAP

Lead to Cash

Deliver unprecedented customer experience



Source to Pay

Manage procurement and spend like never before



Recruit to Retire

Attract, manage, and retain the best talent



Design to Operate

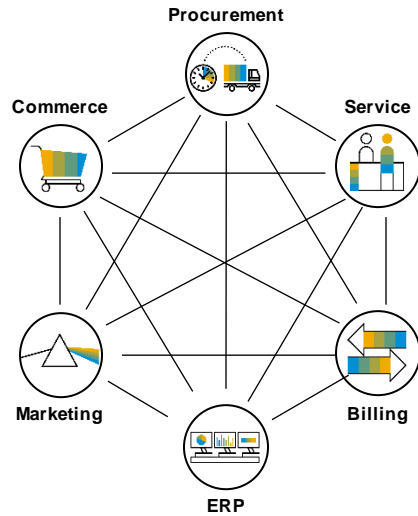
Develop and manufacture the most innovative products



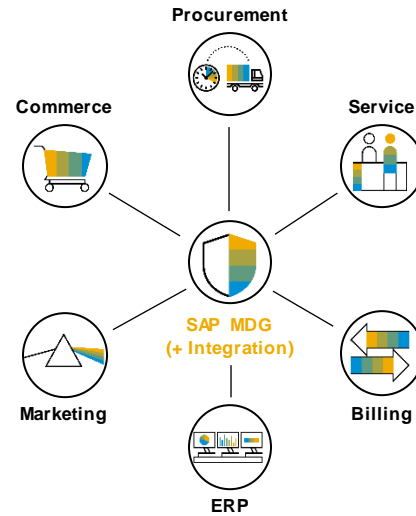
Master Data Integration

SAP Business Technology Platform

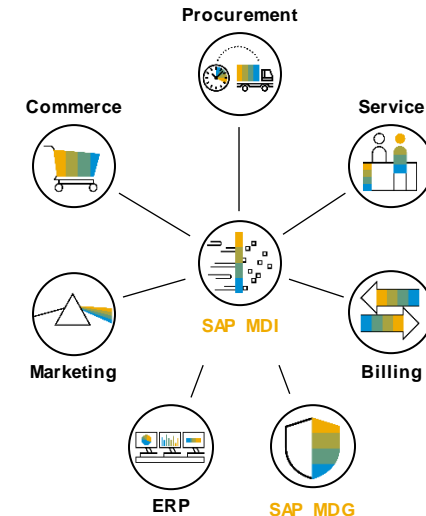
Evolution of Master Data Integration and Master Data Management



Point-to-point-connection



SAP Master Data Governance
for both integration and management



SAP Master Data Integration
for master data integration

SAP Master Data Governance
for master data management

Definition:

Master Data Integration: Distribute master data based on SAP One Domain Model for harmonized view across all applications. Companies expect **broad domain coverage** for end-to-end process integration.

Master Data Management: Ensure high quality for trusted master data across the enterprise. Companies prioritize quality for **selected** domains according to business needs.

Master Data Integration and Master Data Management

Two different disciplines, going hand in hand

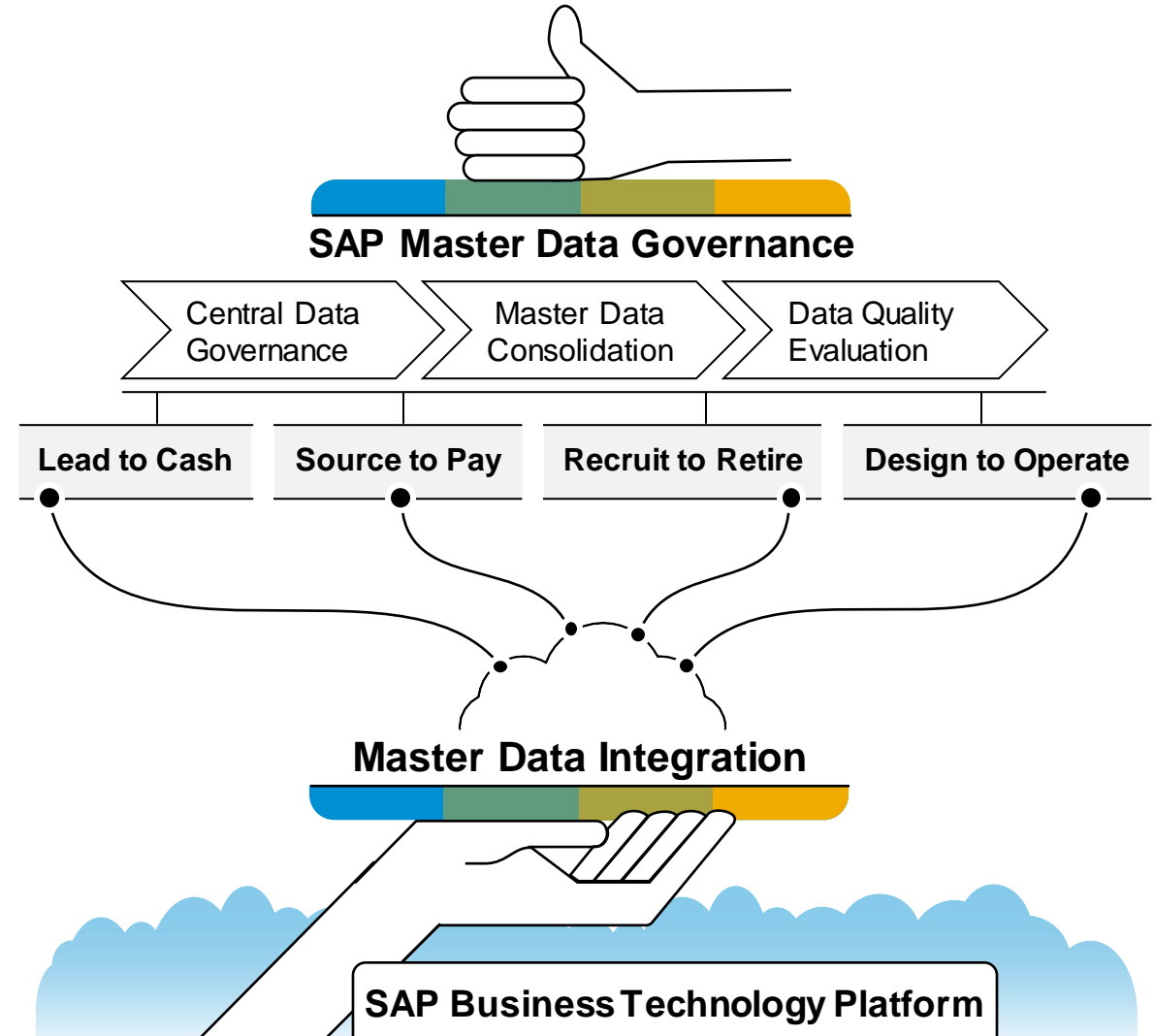
Master Data Management

- Purpose: Ensure high quality for trusted master data across the enterprise by governing creation and change processes
- Coverage: Companies prioritize their investments into quality for **selected domains** according to business needs
- SAP Product: SAP Master Data Governance

Master Data Integration

- Purpose: Master data distribution – in its current state, without changing the content or quality
- Coverage: Companies expect **broad domain coverage** to enable end-to-end business process integration
- SAP Product: SAP Master Data Integration
(based on SAP One Domain Model for a harmonized view across all applications)

The combination of MDI and MDG allows companies to **decouple** integration and management and enables **new patterns** for agile handling of master data

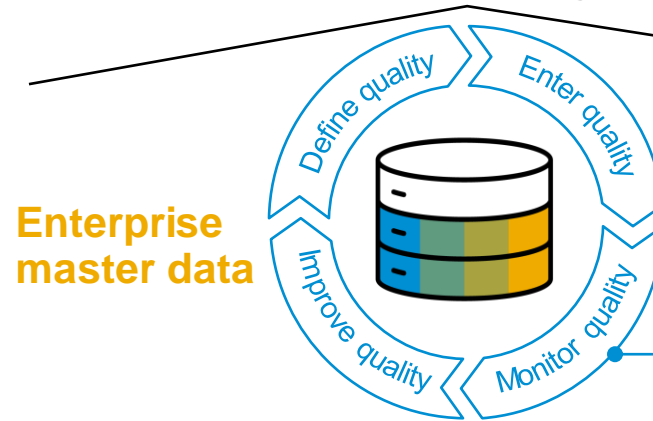


SAP Master Data Governance

Supporting central governance with distribution, decentralized ownership with consolidation, data quality monitoring with remediation



Systems under central governance



SAP Master Data Governance – central governance

Create master data in line with business processes (such as integrated product development or supplier management)

SAP Master Data Governance – data quality management

Manage master data quality by defining, enforcing, monitoring, and improving quality

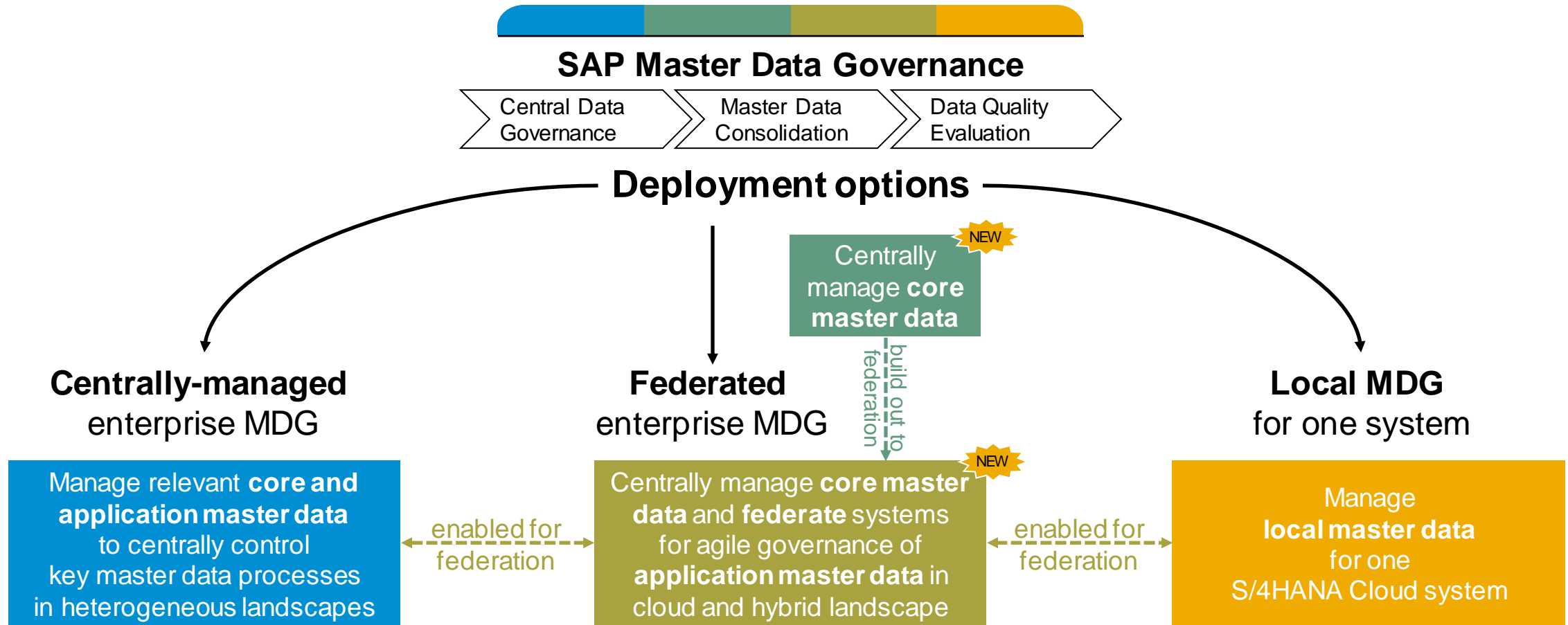
SAP Master Data Governance – consolidation

Consolidate master data into a single view for accurate analytics and operational insight (continuously or on request, such as for initial load or mergers and acquisitions)

Systems not under central governance



SAP MDG deployment options supporting business needs and landscapes*



Products

SAP Master Data Governance on SAP S/4HANA (or on S/4HANA, private cloud edition / S/4HANA Cloud, extended edition)

SAP Master Data Governance, cloud edition Stand-alone or in federation with the suiting combination of SAP MDG on S/4HANA

SAP S/4HANA Cloud for master data governance

Core master data and application master data

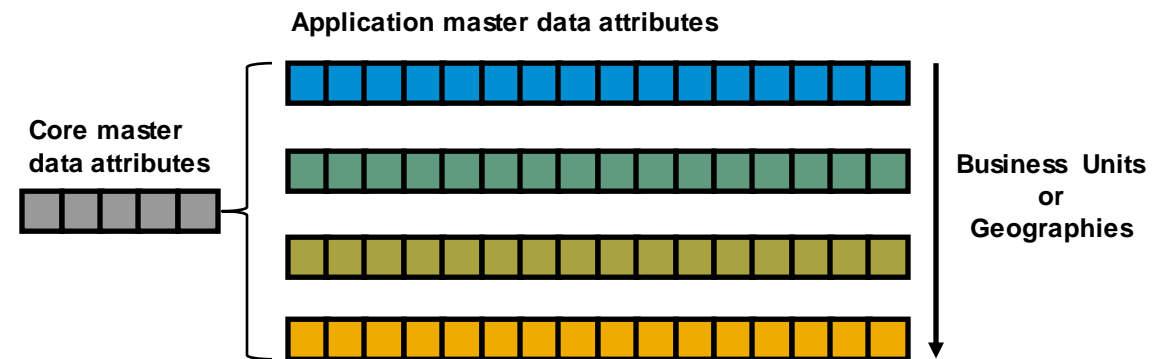
In heterogenous organizations, master data structures typically contain:

- **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

The new solution, SAP Master Data Governance, cloud edition, is an additional offering to handle **core master data attributes** on a corporate level that can be complemented by other SAP MDG deployments for application attributes.



Federation of master data governance

Setting the right level of centralization and harmonization for effective master data management

Challenge

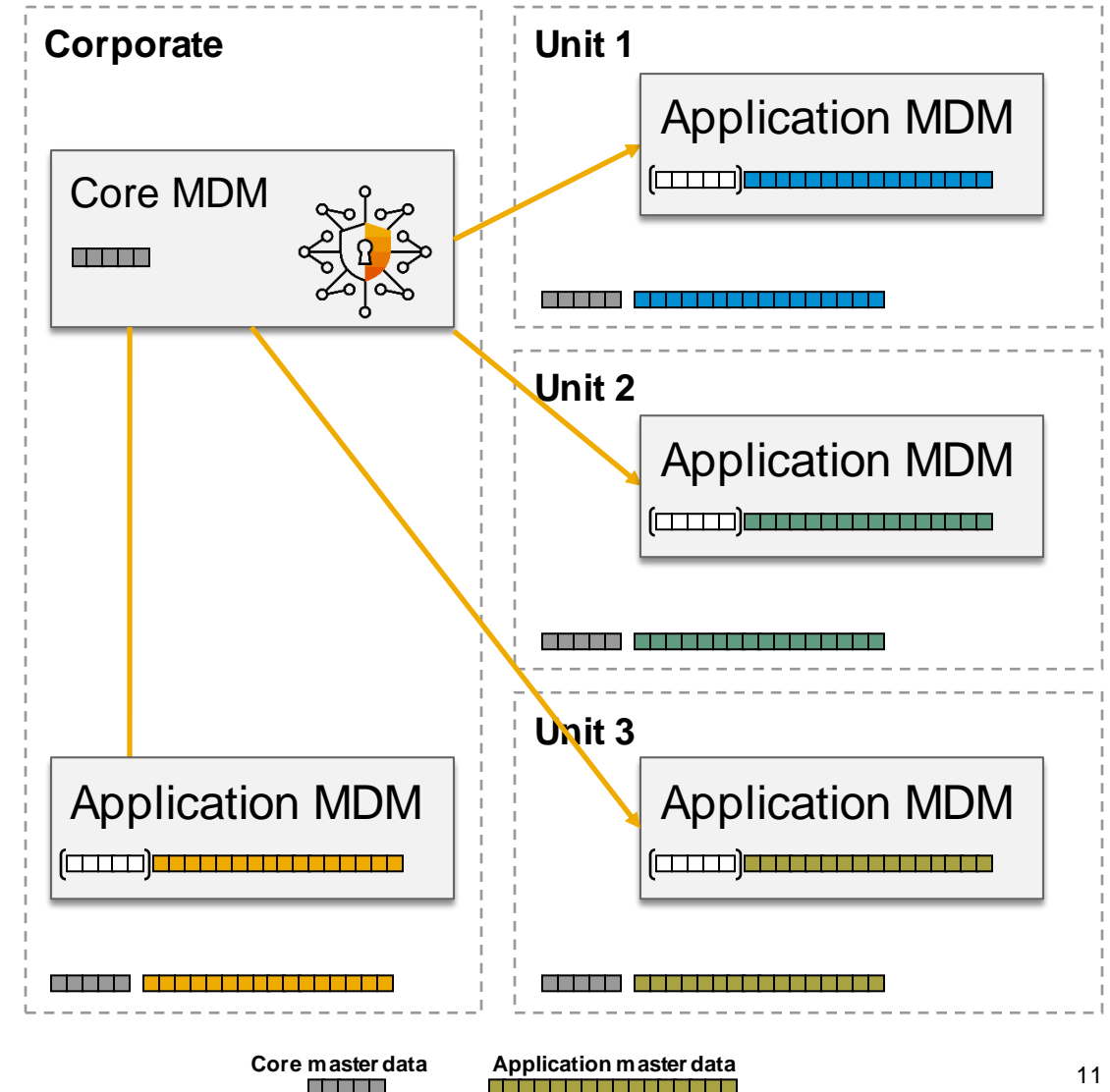
- Heterogeneity of different business units and complex system landscapes add undue complexity to corporate MDM
- While core attributes can typically be harmonized across all units, application master data is very diverse by nature
- Difficulties to centrally harmonize all application data and translate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

Solution

- Manage the data where it is best understood:
 - Manage core attributes only once centrally
 - 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 units needs

Benefit

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



Federation with SAP Master Data Governance*

New deployment option: non-disruptive for current users, easy starting point for new users

Faster time to value for net new users

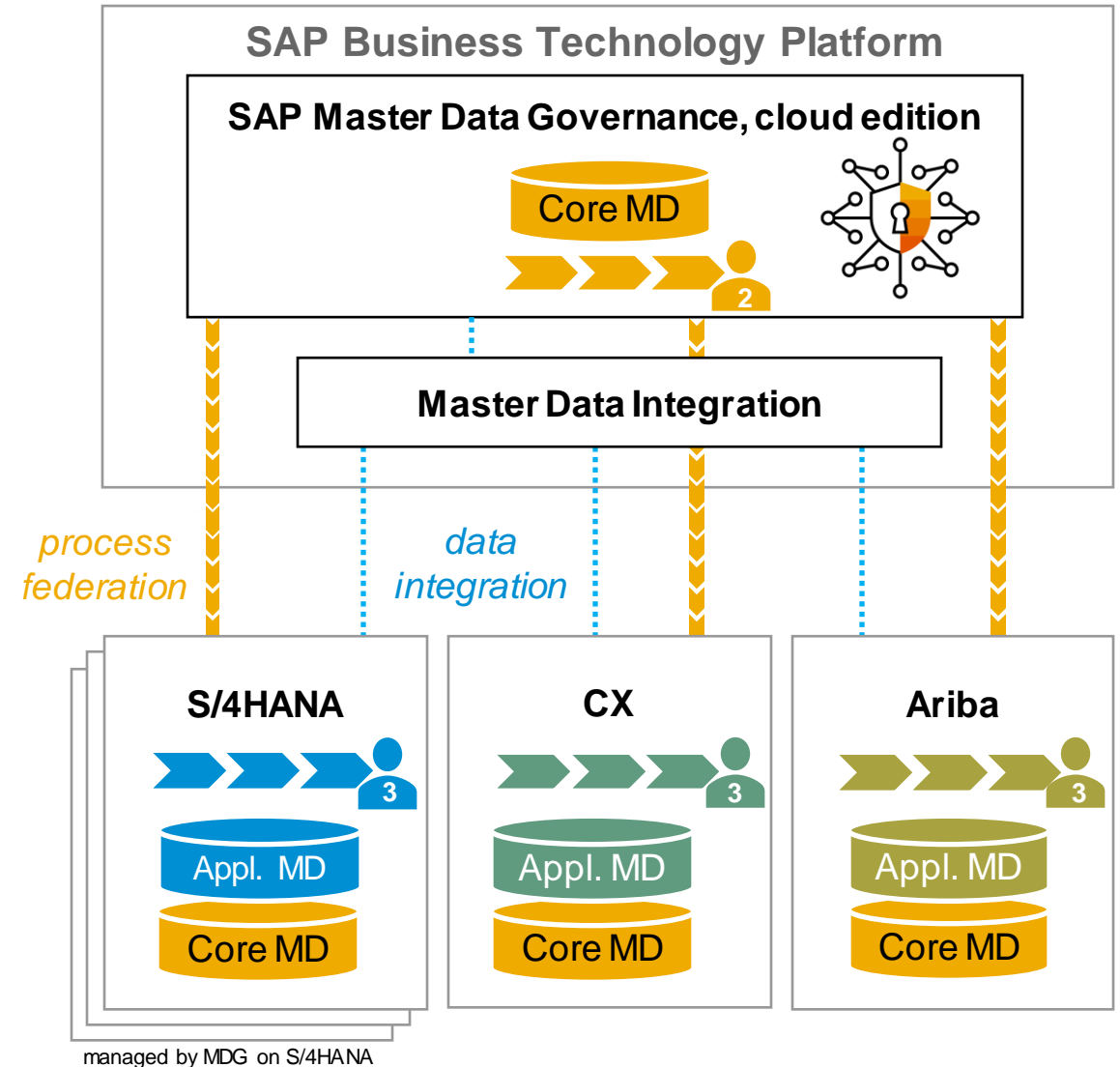
- Get a head-start with SaaS, extend into PaaS, scale-out with federation of MDG

Largely increased flexibility allows for a broader MDM scope

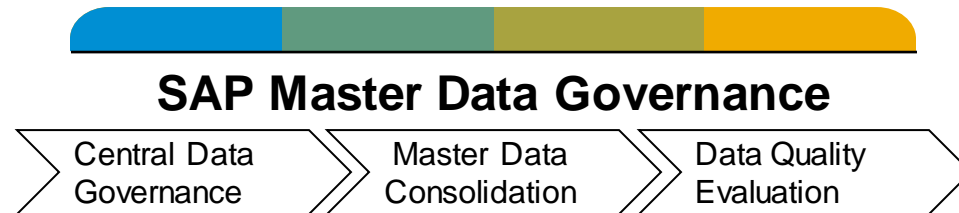
- Enable corporate MDG projects even across non-harmonized business units
- Keep differences where business demands them, instead of forcing artificial harmonization for centralized MDM projects
- Build out your current MDG deployment into federation, to be able to increase the scope of master data governance in your organization

Benefit from SAP's unified integration approach

- Out-of-the-box for SAP applications
- Avoid point-to-point connections
- Leverage openness for non-SAP



SAP Master Data Governance, **product portfolio** and key capabilities*



SAP Master Data Governance on S/4HANA or SAP Master Data Governance on S/4HANA, private cloud edition / S/4HANA Cloud, extended edition

- Can be deployed as **one enterprise-wide hub**: Enables managing core and application attributes based on S/4HANA data models, for customer, supplier, product, financial, enterprise asset and retail master data, and provides openness for custom-defined objects
- **Open for federation of MDG**: Optional for SAP S/4HANA-specific application master data in federated MDG deployments

SAP S/4HANA Cloud for master data governance

- Enables **local governance** inside SAP S/4HANA Cloud system for customer, supplier and product master data
- **Open for federation of MDG**: Optionally acts as local MDG component for application master data in federated MDG deployments

SAP Master Data Governance, cloud edition

- Offers master data governance of **core attributes based on SAP One Domain Model** for customer and supplier (more domains planned)
- **Cornerstone for federation of MDG**: Enables the federation of MDG, orchestrating master data management capabilities in SAP MDG on S/4HANA on-premise and cloud, as well as in other application-specific components
 - Option 1: leverage earlier investments into SAP MDG on S/4HANA and transfer them into a federated deployment to broaden scope and ease implementation
 - Option 2: deploy **stand-alone to kick-start** an enterprise MDG initiative at low entry barriers, and option to federate out into an enterprise-wide MDG

Value Proposition of SAP Master Data Governance*

What's in it for you?

SAP MDG ensures **high-quality master data** across the enterprise

A **centrally-managed** deployment is best-suited for organizations striving for centralized control on all enterprise-wide relevant master data attributes

Adding **federation** as a new deployment option increases business agility

- Best-suited for organizations pursuing to balance central and de-central control on master data according to the business context
- Provides an agile approach to manage data where it is really understood
- Fast time to value and low entry point for new SAP MDG customers
- Non-disruptive additional deployment option for existing SAP MDG implementations



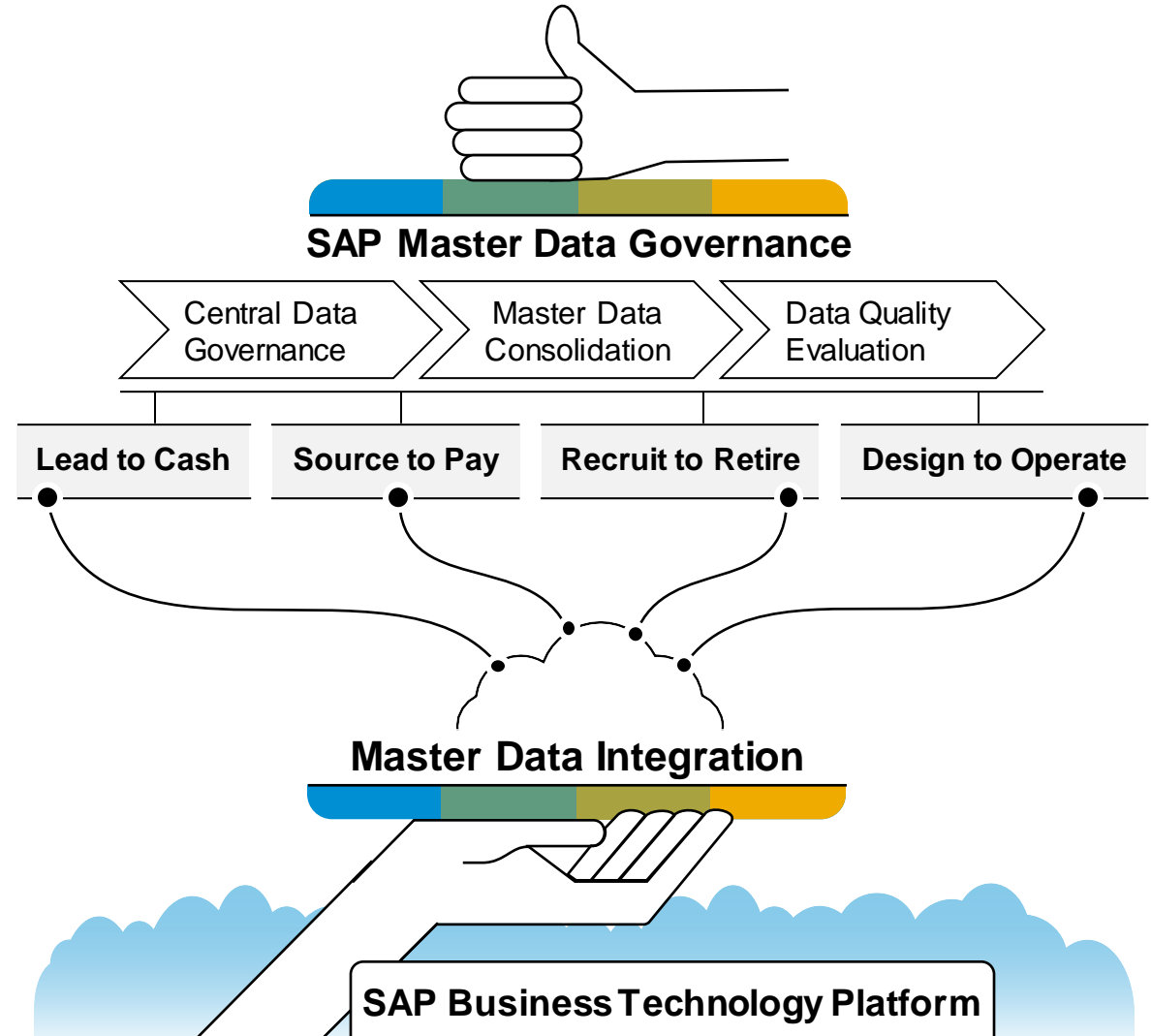
Summary

SAP MDI and SAP MDG complement each other

- **Master Data Integration:** Offered for a broad domain coverage to distribute master data based on SAP One Domain Model for harmonized view across all applications (provided by SAP Master Data Integration)
- **Master Data Management:** Ensure high quality, trusted master data for selected domains across the enterprise (provided by SAP Master Data Governance)
- The combination allows to **decouple** integration and management and enables **new patterns** for agile handling of master data

Additional deployment options for SAP MDG

- **Centrally managed:** Manage relevant core and application master data to centrally run master data processes for any landscape
- **NEW Federated*:** Centrally manage core master data, and federate systems for agile governance of application master data in cloud and hybrid landscape
- Companies may start from just core data in MDG, cloud edition or start with centrally managed MDG; **both allow scale out** to Federation
- Benefits: Faster time to value, enable broader MDM scope, largely increased flexibility due to less upfront harmonization needs



Learn more about SAP Master Data Governance

► New option: SAP Master Data Governance, cloud edition

- **Blog post**
[Extended portfolio and additional deployment options for SAP Master Data Governance](#)
- **SAP Thought Leadership Paper**
[Optimize Master Data Management Through Federated Data Governance](#), an adaptive model for trusted, process-relevant data driving greater insights, efficiencies, and ROI
- **Video**
[Extended Portfolio and Additional Deployment Options for SAP Master Data Governance](#), discussing the concept of federation and the purpose of SAP MDG, cloud edition in this context
- **Article**
[Extended Portfolio and Additional Deployment Options for SAP Master Data Governance](#), very similar content as in the above video for everyone who prefers reading
- [FAQ Page on SAP MDG, cloud edition and Federated MDG](#)

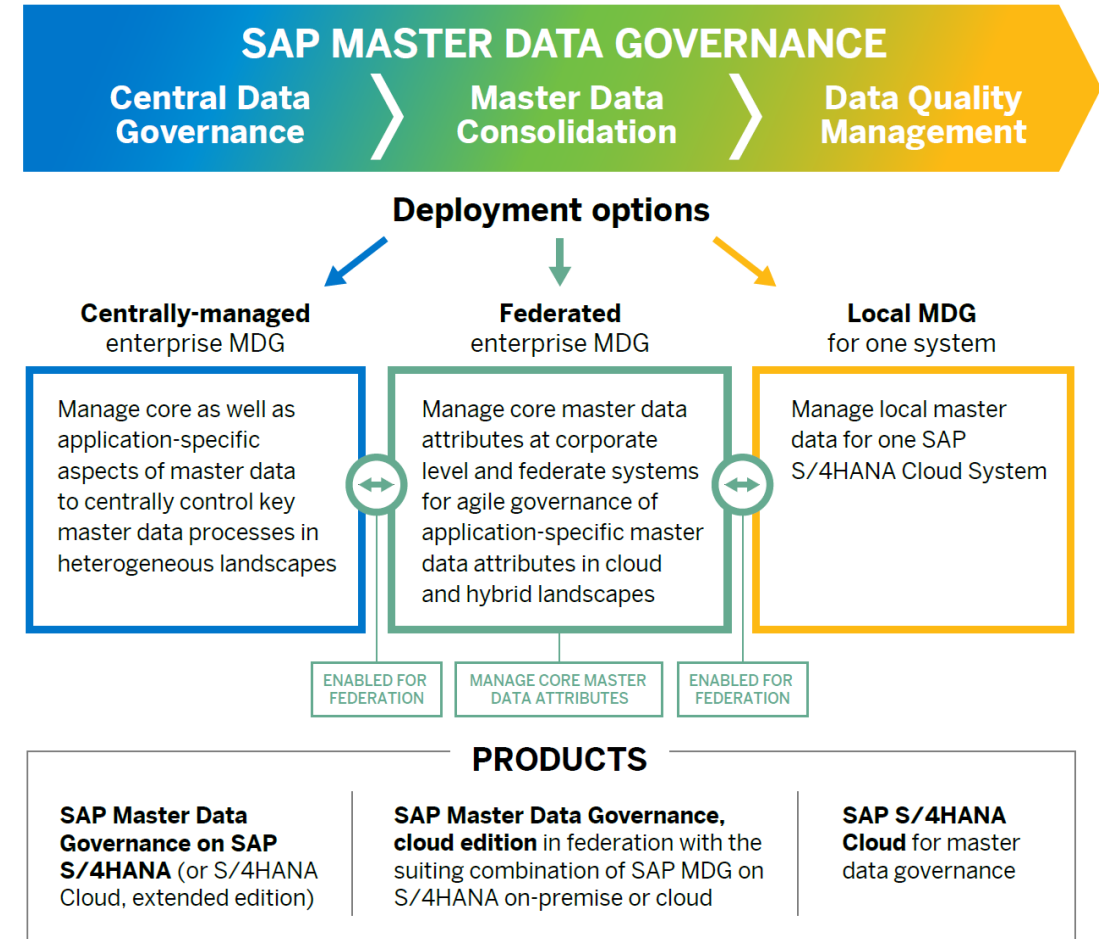
► Information on SAP Master Data Governance on SAP S/4HANA

- Exchange knowledge: [SAP Community](#) | [Q&A](#) | [Blog](#)
- Try SAP Master Data Governance on S/4HANA for free: [Trial Version](#)
- Learn more: [Latest Release](#) | [Webinars](#) | [Help Portal](#) | [How-to Guides](#)

► SAP Roadmap Explorer

- Please see the [roadmap for SAP Master Data Governance](#)

New deployment option and federation of MDG



Thank you.

Contact information:

The screenshot shows the SAP Master Data Governance community page. At the top, there's a navigation bar with 'Home', 'Community', and 'Topics'. Below that, the main heading is 'SAP Master Data Governance' with a brief description: 'SAP Master Data Governance is a market-leading solution that allows you to define, enforce, monitor, and improve master data across domains for central or decentralized master data management in hybrid landscapes.' There are buttons for 'Following', 'Ask a Question', and 'Write a Blog Post'. A 'LinkedIn Live Discussion' video player is featured. The 'Featured Content' section includes three articles: 'Try out SAP Master Data Governance for Free', 'Quo Vadis, Master Data Management?', and 'Complementary Deployment Option with SAP Master Data Governance, cloud edition'. A 'Getting Started' section is also visible, titled 'Basic Concepts of SAP Master Data Governance'.



Follow our community and our blogspace!

<https://www.sap.com/community/topics/master-data-governance.html>

