

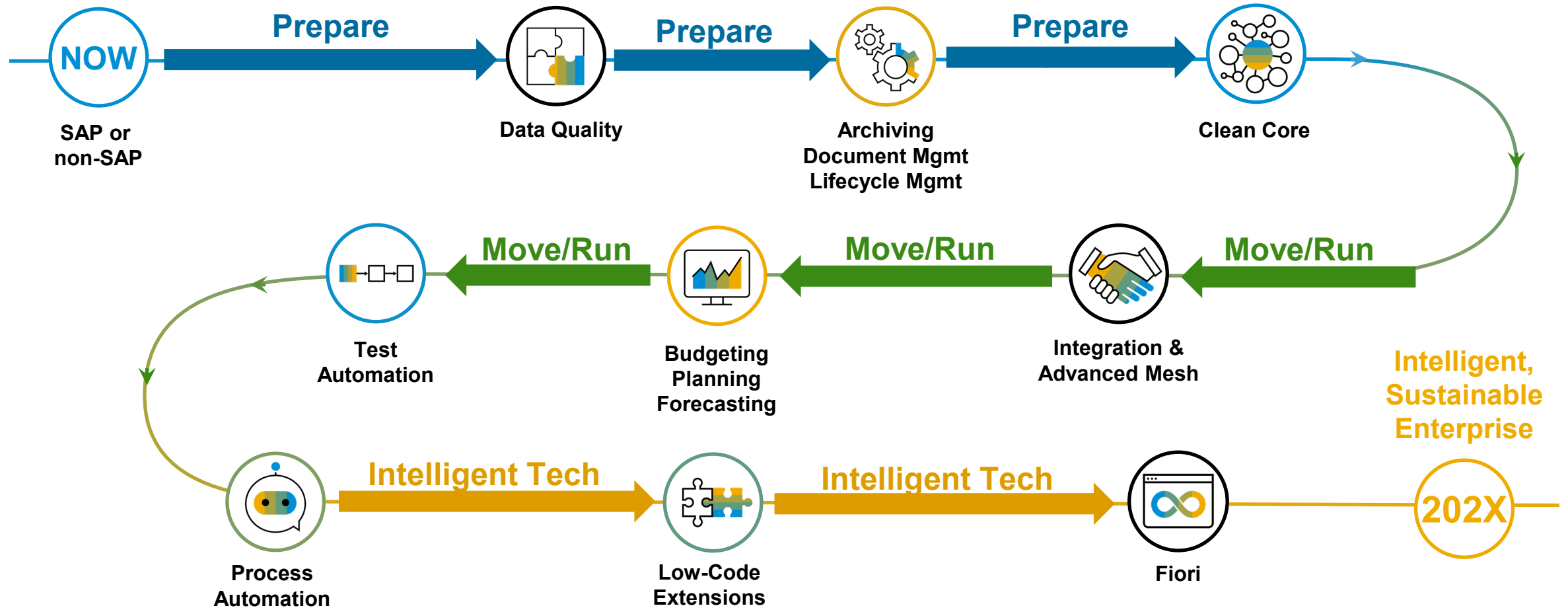
Preparing for SAP S/4HANA

Leveraging Business Technology Platform

The Role of Data Quality

November 2022

BTP Helps Accelerate Transformation to an Intelligent Enterprise



The S/4HANA Journey in 3 Phases

and the Business Technology Platform focus for today's discussion

Prepare



Validate readiness

Analyze your environment and Identify any potential technical considerations that impact the migration

Analyze business processes

Gather insight into existing business processes and identify process inefficiencies and gaps

Assess data quality

Identify data quality issues, standardize and cleanse data, consolidate duplicate master data, evaluate personally identifiable data

Optimize data footprint

Reduce the data footprint in your existing landscape to make the S/4HANA migration simpler and cleaner, evaluate retention policies and unstructured content management

Get to standard

Decouple complex customizations from core ERP and redeploy in the cloud for greater agility

Move



Simplify & size the landscape

Plan your S/4HANA & supporting application landscape, move to cloud, modernize where possible

Migrate

Orchestrate, track, validate, and report on end-to-end project activities, execute conversion steps, move data

Modernize integrations

Deploy out-of-the-box integrations wherever possible, move to newer integration technologies

Test

Reduce go-live risk, accelerate testing, improve quality and reduce costs through AI-driven impact assessments and reusable test automation

Automate processes

Innovate, simplify & automate business processes using cloud native AI, ML and RPA

Revise data & analytics strategy

Review embedded analytics capabilities and out-of-the-box analytics and data models, empower users with a cohesive self-service data strategy for SAP and non-SAP data

Run



Monitor

Ensure continuity with system monitoring, integration monitoring, user monitoring, and business process monitoring across the landscape

Optimize IT processes

Simplify, automate, and centralize the management and operations of your SAP landscape

Streamline business processes

Conduct in-depth process analysis for actionable improvement, simulate process changes, understand your customer journey

Innovate

Use ML to solve complex business problems, incorporate IoT and AI bots to improve operational efficiency, support new business models

SAP BTP Cloud Services

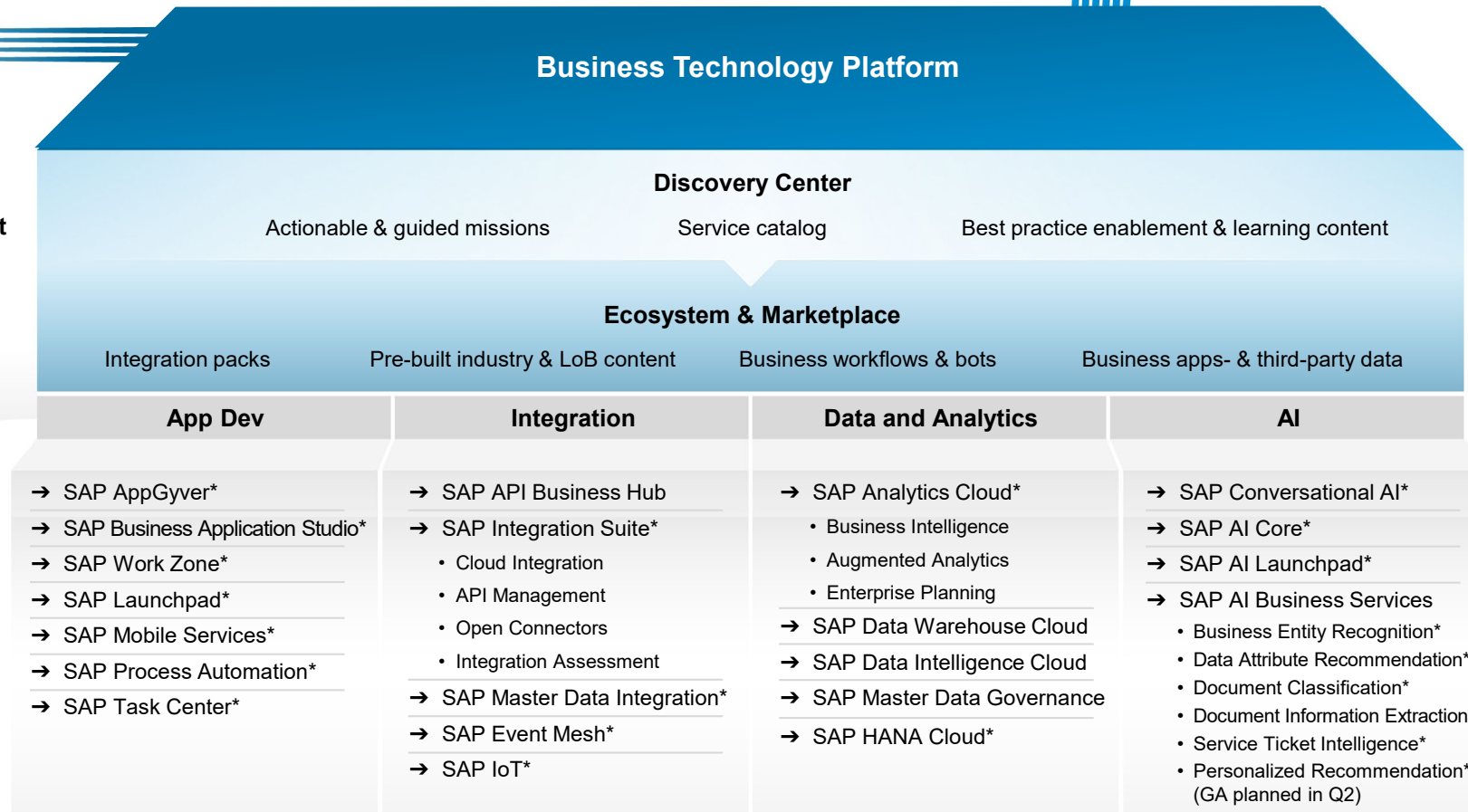
Quality End to End (Semantics, One Domain Model, Partners)

SAP DISCOVERY CENTER



Enterprise readiness with holistic lifecycle management

- Change and deployment management
- Technical ops automation
- Alerting
- Smooth integration option into existing ALM processes



Microsoft™ Azure™

AWS™

Google Cloud™

Alibaba Cloud™

SAP™

Enterprise security services and hybrid identity & access management

- Cloud identity services
- Risk & compliance
- Secure development

* Included in CPEA/PAYG

ERP Expectations

Disrupt your industry, not your users

Data Driven Decisions



Place data in the hands of people and Include it in the decision making process

Automation/ Augmentation



Automate decisions and business processes. Simplify user experience

Embedded Data



Make innovative and productive use of embedded data in products, assets or processes. Release new offerings driven by data

Data Value Chain



Connect all actors in value chain. Leverage data to form alliances across the value chain. Create new revenue streams

Perfect Business model



Discover new opportunities, or change business model based on data

“Data driven organizations are **23 times** more likely to acquire customers, **6 times** as likely to retain those customers, and **19 times** as likely to be profitable as a result”

Source: McKinsey & Company

Moving to S/4HANA is like moving to a new house

What is still used? What about all the 'old stuff'?

What to keep? What to throw away?



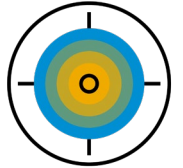
*The **goal** of an Enterprise Data Strategy is to ensure that data is of high quality, is fit-for-use, and supports the underlying business processes and operational goals of Canada Post on an ongoing basis!*

Progressive Activities to Define a Business Outcomes Driven Strategy

SAP Master Data Governance is a foundational, enabling Technology

1

Identify Business Outcomes, Steering Dimensions, Experiences
ex: *Financial, Operational, Customer, Growth & Market*



2

Identify business processes required to support business outcomes



3

Identify all critical data required to support business processes & outcomes



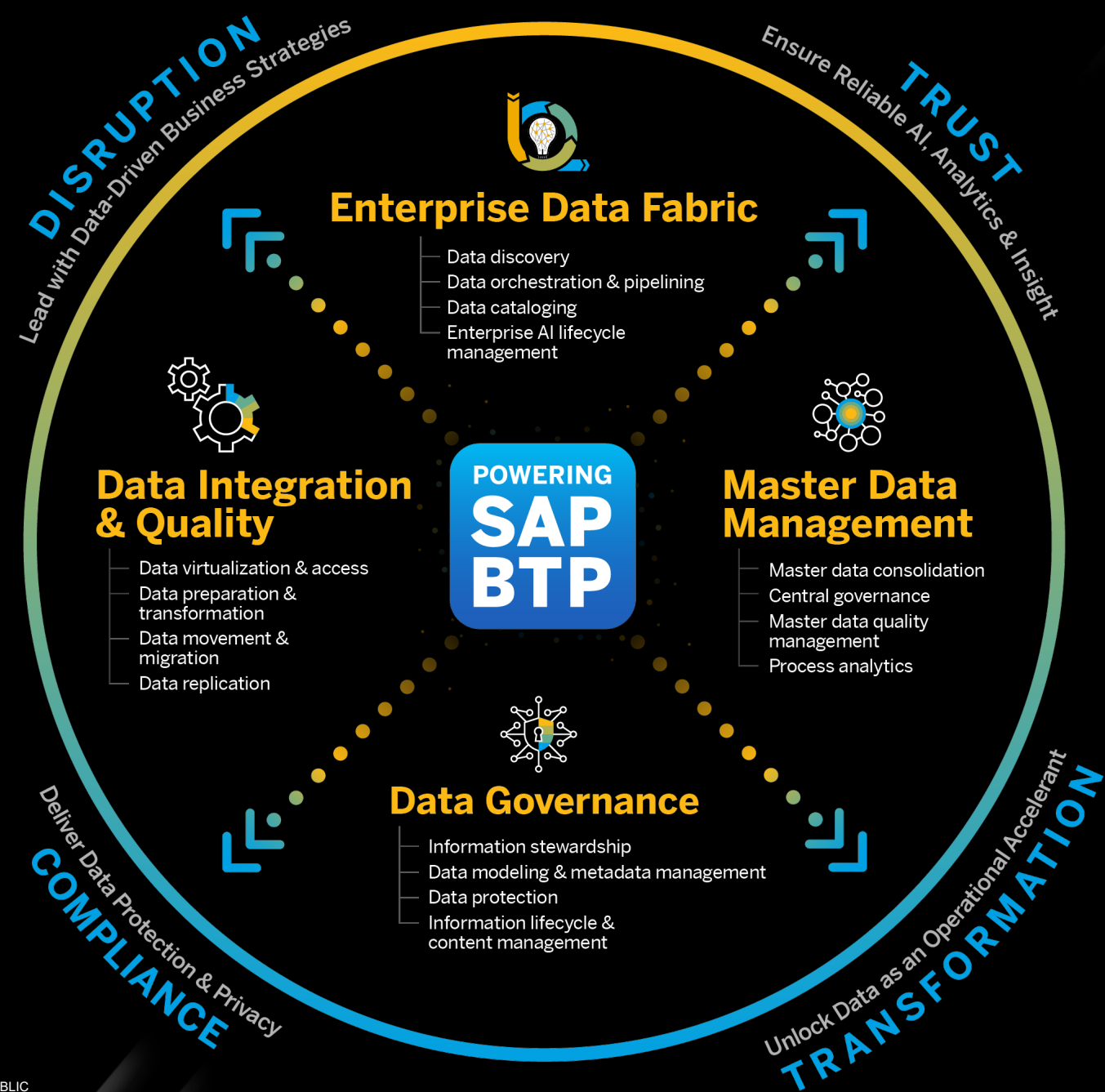
4

Identify changes needed (business processes, people/culture, technologies)
to achieve the business outcome



SAP Enterprise Information Management

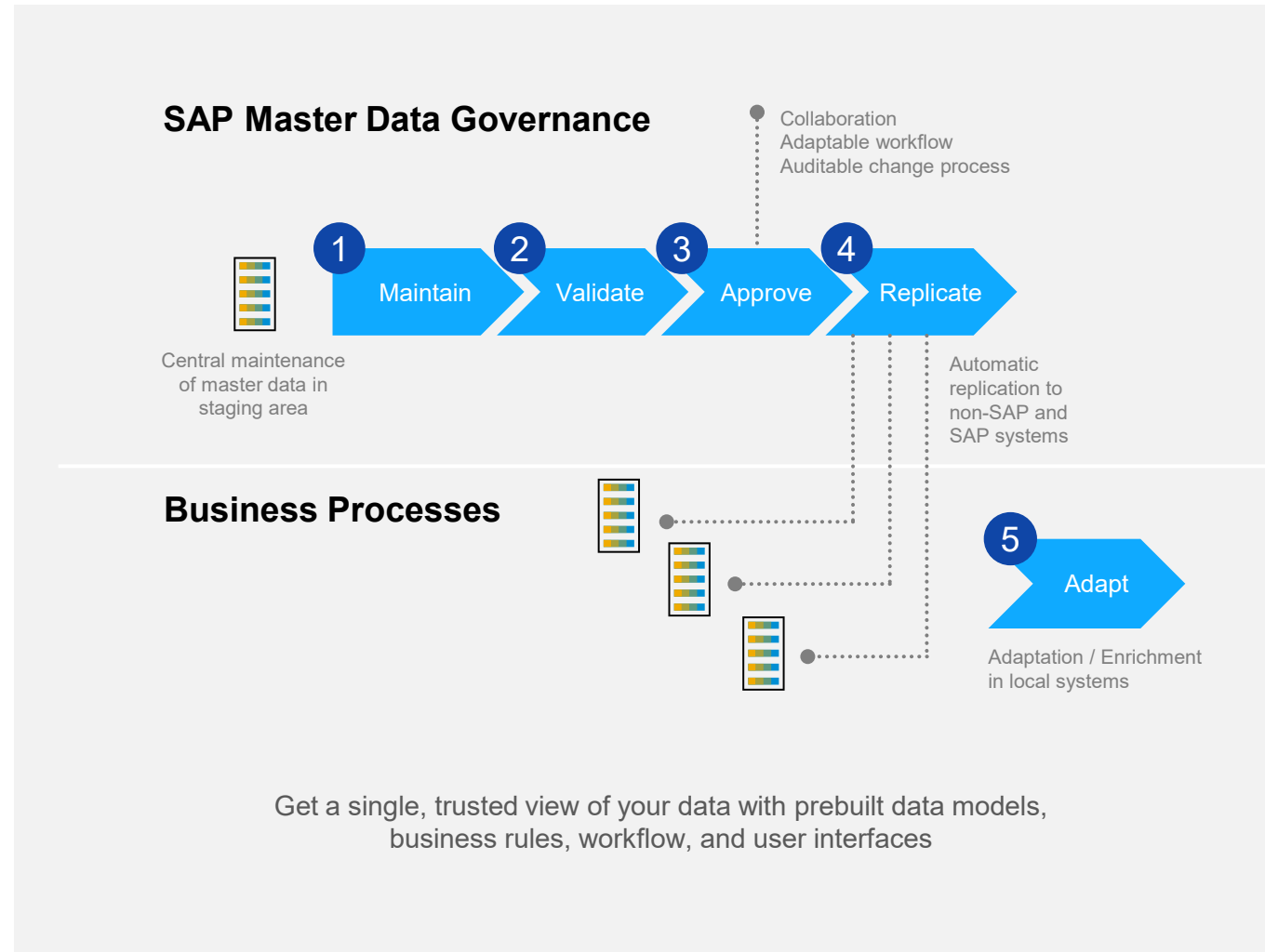
Capabilities



SAP Master Data Management for SAP S/4HANA Cloud

Out-of-the-box, domain-specific master data governance to centrally create, change, distribute, or consolidate master data across your entire enterprise system landscape

- **Enable centralized governance, compliance, and transparency of master data** during creation and changes through integrated staging, approval, and central audit trail
- **Deliver consistent definition, authorization, and replication** of key master data entities
- **Consolidate master data across multiple sources** with deduplication, standardization, and enrichment into high-quality, single source of truth
- **Eliminate error-prone manual maintenance processes** for master data in multiple systems
- **Crucial for data cleanliness and harmonization** across different lines of business, instances, and a fundamental layer of data management for every SAP S/4HANA migration or instance consolidation



Information lifecycle management and archiving storage strategies, benefits



Data Volume Management

Right-size the database and reduce storage and management costs

30% to 70% reduction in database size



Legacy System Decommissioning

Organize data that needs to be retained and shut down old systems

50% reduction in costs related to legacy data retrieval and delivery



Audit/Legal/Regulatory Event Readiness

Reduce cost and risk of electronic discovery and regulatory compliance

32% reduction in storage costs, 20% faster handling inquiries

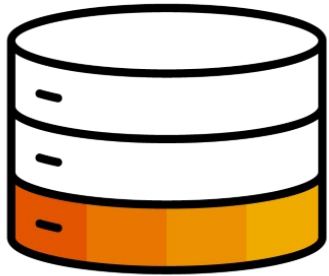


Physical and Electronic Retention Management

Logically unified and physically distributed scalable storage

70% efficiency gain in shared services center

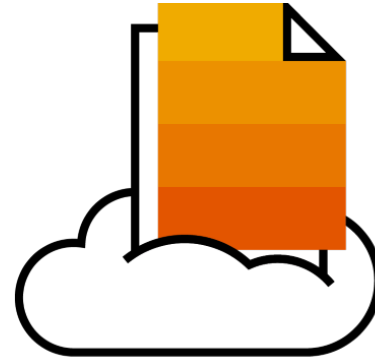
Benefits of ILM + archiving in context of moving to S/4HANA and Cloud



Right-size the data to optimize in-memory computing power and reduce storage costs



Accelerate ROI for the S/4HANA platform by moving legacy data and documents to the cloud



Manage content in context of business activity to improve the business process



Deliver an exceptional experience to business users who need access to data and documents

On-prem

7018995 SAP Information Lifecycle Management

7020165 SAP Information Lifecycle Management for S/4HANA

HANA Enterprise Cloud (HEC)

8004972 Cloud SAP Information Lifecycle Management

8007867 Cloud SAP Information Lifecycle Management for S/4HANA

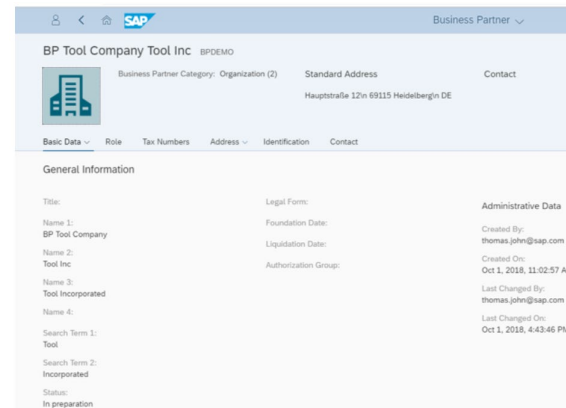
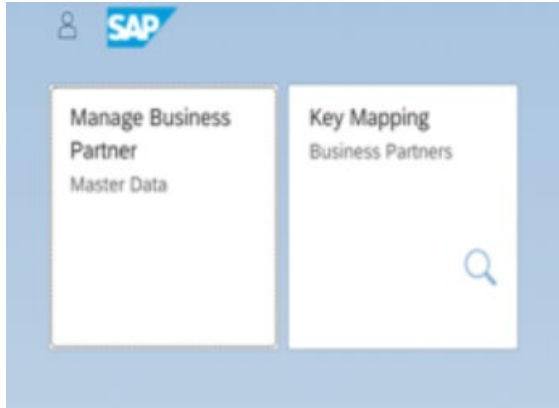
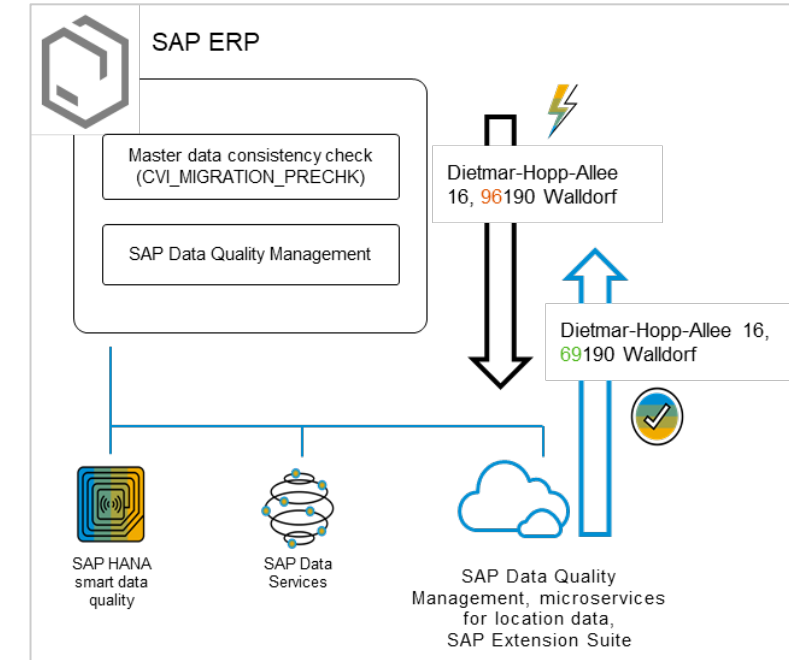
Convert & Clean Business Partner Data



Challenge: Converting system to SAP S/4HANA needs to go through the Customer Vendor Integration process and migrate to Business Partner from the classical ECC data model. This usually brings up a lot of master data inconsistencies, issues in the address data being the most frequent one.

Solution: Use the Master Data Consistency Check in combination with SAP Data Quality Management (DQM) add-on and SAP BTP, DQM Microservice* to execute data quality check and correction. Microservices return a proposal for address data correction.

Design: Besides the on-premises configurations for CVI in your ECC system, you will also need to set-up the SAP DQM add-on and connect it to your DQM Microservices instance in the cloud. Please follow the steps in the blog to see the step by step instruction.






adani

- One master data framework for 11 businesses and nine ERPs
- 1.6M records cleaned and enriched
- Up to 20% increase in productivity

[Read the story](#)



- 
- >1,000 data quality attributes managed autonomously each day
 - 90% reduction in master data creation time
 - One global system for R&D

[Read the story](#)



ALBEMARLE

- One single source of truth for better decision making
- >95% use of standard processes with zero core code modifications
- Enhanced data management and governance procedures

[Read the story](#)



Thank you.

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