Keep Your Data – Not the Cost

Smart System Retirement with
SNP Outboard Datafridge

EXPLORE NEW HORIZONS

SNP TRANSFORMATION WORLD

Agenda

- SAP System Decommissioning

- Datafridge Concept & Features
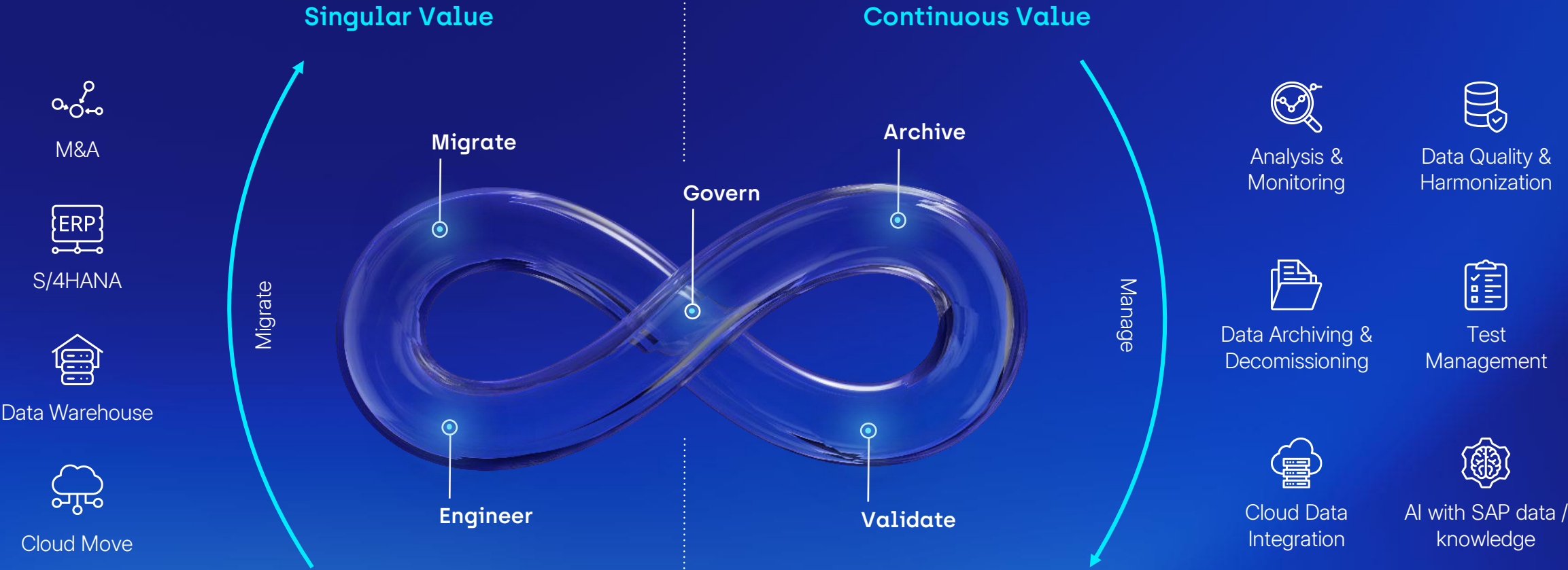
- Project Approach & Support

- Summary, Q & A

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SNP CrystalBridge®

The platform to drive data excellence

Singular Value

Continuous Value

M&A

S/4HANA

Data Warehouse

Cloud Move

Migrate

Migrate

Govern

Archive

Engineer

Validate

Manage

Analysis & Monitoring

Data Quality & Harmonization

Data Archiving & Decomissioning

Test Management

Cloud Data Integration

AI with SAP data / knowledge

System Transformation:
"On the Road to S/4HANA"

New S/4HANA

Selective Transfer

1:1 Migration

Depending on the transformation scenario, different data management strategies are relevant.
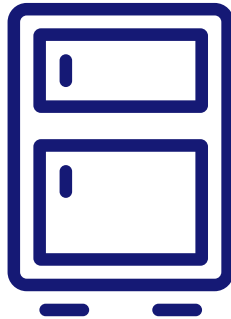
Retaining Legacy Data and Documents

„Keep Your DATA, Not the Cost"

- System migration - such as S/4HANA
- Carve-out scenarios, mergers & acquisitions
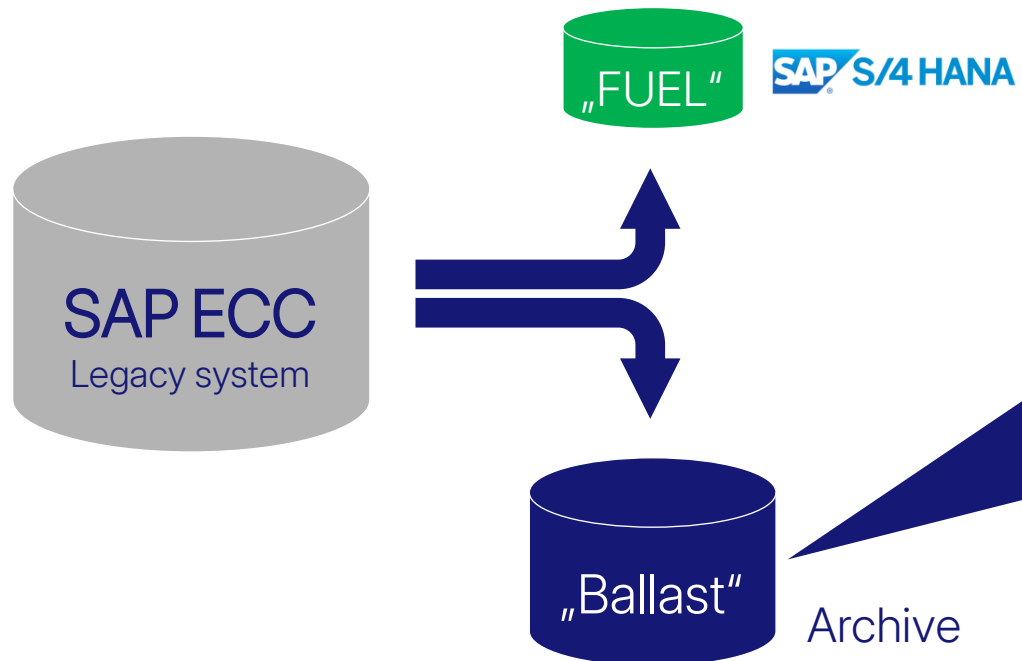- System consolidation

Objective

- Consistently retain data & documents
- Simplify retention compliance
- Enable flexible, transparent data access

Selective Transformation – Classify Your Data!

Separate data in scope of migration from the ones you have to retain

"FUEL" SAP S/4 HANA

SAP ECC
Legacy system

"Ballast" Archive

- Data that you have to retain for audit requirments and internal analysis/service needs

- Transparent retrieval options

- Retention management

- Compliant storage

Requirements for Retaining Data and Related Documents

Data retention in selective transformation scenarios is relevant for data...

… that is not in scope of the transformation target.

… that is required for dedicated service, reporting or analytic purposes.

… covering legal and auditing purposes.

Data must be retained for many years...

… but hosting and administration costs (TCO) must be low.

… but technology must be flexible and future-proof.

Data must be easily accessible...

… for business users.

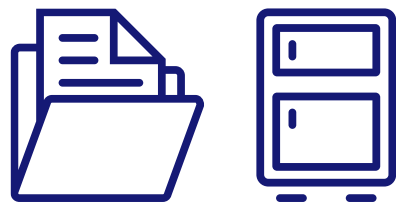… for internal/external auditors.

Data must be deleted consistently...

… once its retention period expires.

… but not when under legal hold.

Legacy System: Keep - or Retire?

SAP ECC
Legacy system
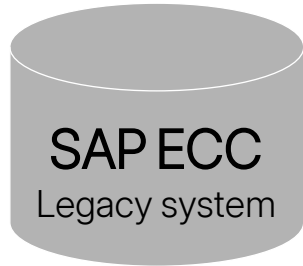
Keep the existing ECC as a read-only system
for occasional access?

Retire the legacy ECC system (decommissioning)

- ✓ Extract data/documents and retain these compliantly
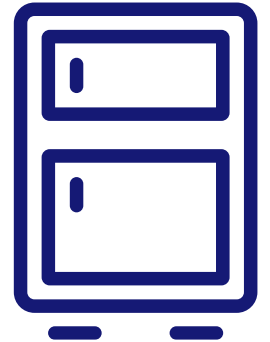- ✓ Ensure transparent access, e.g. from new S/4HANA

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- **Datafridge Concept & Features**

- Project Approach & Support
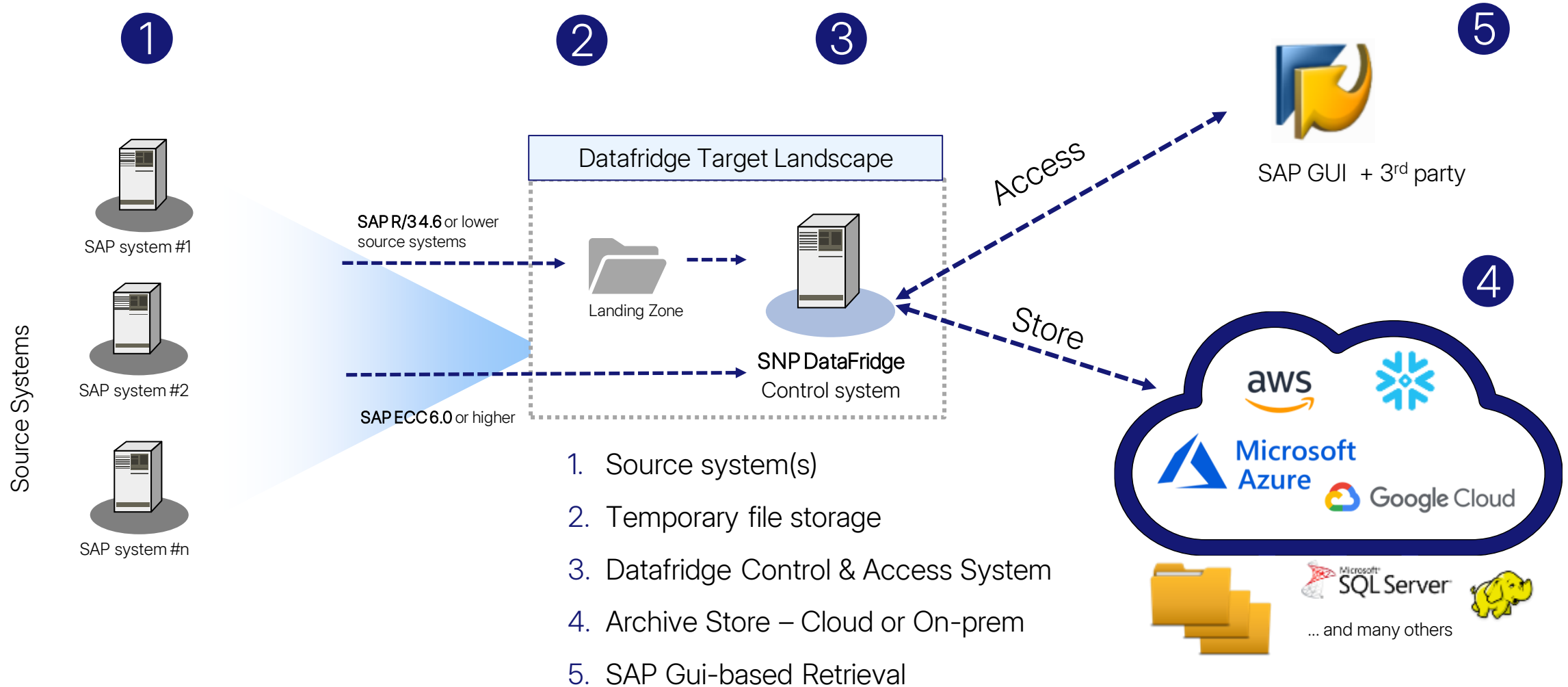
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Decommissioning Process

1. Define the scope for data and documents that are to be retained:
   - For internal purposes (analysis/reporting, services)
   - For regulatory purposes (tax audits)

2. Extract data for storage in compliant archive. Keep respective link to documents.

3. Define and maintain retention policies & periods.

4. Customize transparent data access for reporting and audit needs.

Define scope	Extract and archive	Retention policies	Enable data access	Retire legacy system

DataFridge System Landscape: Example

Datafridge Target Landscape

Landing Zone

SNP DataFridge
Control system

SAP R/3 4.6 or lower
source systems

SAP ECC 6.0 or higher

Source Systems

SAP system #1

SAP system #2

SAP system #n

Access

Store

SAP GUI + 3rd party

aws

Microsoft Azure

Google Cloud

Microsoft SQL Server

... and many others

1. Source system(s)

2. Temporary file storage

3. Datafridge Control & Access System

4. Archive Store – Cloud or On-prem

5. SAP Gui-based Retrieval

Transparent Data Access

DataFridge GLUE16

- Basic table browser (w/o hierarchies)

Fridge Browser

- Flexible table browser (hierarchies, drill-down, link to attachments)

Transactions (30+), custom reports

- Similar to SAP t-codes, customer-specific reporting

3rd party frontend, analysis tools

- Open for adaptions and customizing

Display Transactions in Data Fridge

There two types of display transactions in SNP Data Fridge:

- SAP T-code Clones: „Copies" of SAP display transactions adapted to DataFridge specific data access path

- T-Code Replicas: „Fridge Brower"-based generic display transactions: customized data display, adapted from generic retrieval, using Data Fridge business object to retrieve the application data

FB03 Replica – Display FI Document

FBL3N Clone – Selection Result

Compliant Retention of Data and Documents

- Cover company-specific and legal requirements

- Define and maintain retention rules

- Consider management of legal hold(s)

- Consistent deletion once retention periods have expired
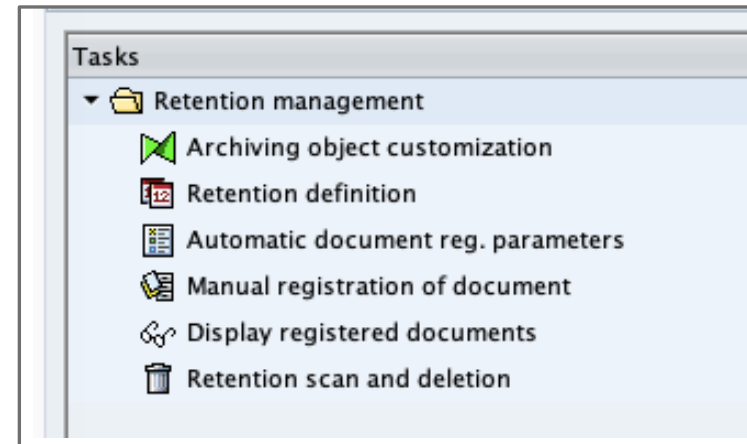
Tasks

- ▼ 📁 Retention management
  - ⬚ Archiving object customization
  - 🗓 Retention definition
  - 📋 Automatic document reg. parameters
  - 📇 Manual registration of document
  - 👓 Display registered documents
  - 🗑 Retention scan and deletion

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Typical Decommissioning Project Approach

A — Analyze

- Understand as-is situation
- Simulation of to-be situation and project
- Recommendation on approach
- Determination of roles & responsibilities (RACI) and required resources (e.g., project system landscape, DevOps, double maintenance…)
- Clarification of project commercials

1 — Blueprint & Setup

- Decommissioning blueprint created
- Test strategy defined
- Project setup initiated: teams, staffing, sourcing, authorization, risk assessment
- Control system setup ready for sample data load
- SNP software deployment & config.
- Management and/or auditor review

Duration: 1– 3 weeks

2 — Sample data load

- Sample data is loaded to the control system based on the initial Blueprint
- Basis for knowledge sharing, enablement, and training
- Key users confirm the display access and authorizations during UAT tests

Duration: 2 – 6 weeks

3 — Bulk data load

- Bulk data extraction and ingestion into DataFridge
- SAP tables (customizing, master data, transactional data)
- Loading of attachments, or of re-pointing the attachments to content server
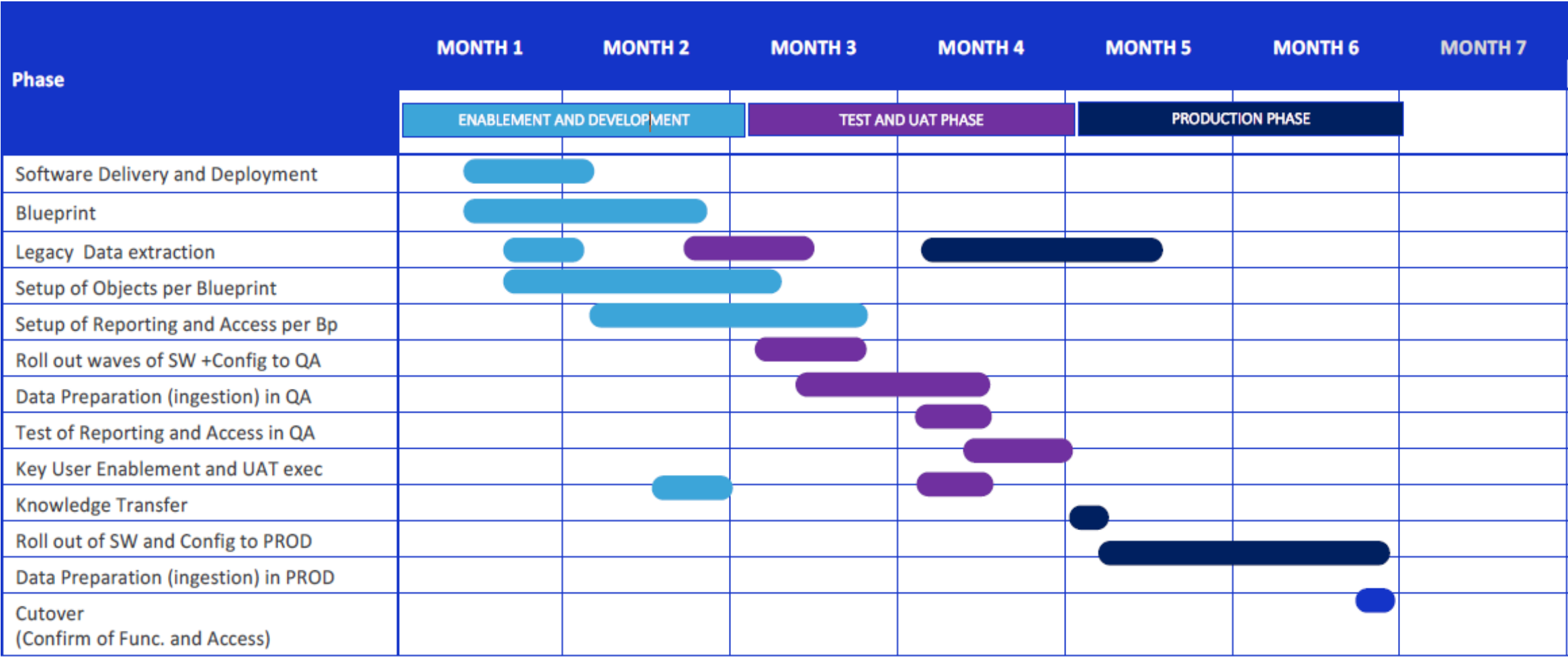
Duration depends on volume of data

S — Finalization

- Legacy SAP system archiving is finalized the whole process by handing over all created materials and receiving an official sign-off.
- If required, a non-production environment is created either as a copy of production or through metadata migration.

Sample Project Timeline – System Decommissioning

Phase	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7
	ENABLEMENT AND DEVELOPMENT		TEST AND UAT PHASE		PRODUCTION PHASE		
Software Delivery and Deployment	▬						
Blueprint	▬▬						
Legacy Data extraction	▬	▬		▬▬			
Setup of Objects per Blueprint	▬▬						
Setup of Reporting and Access per Bp		▬▬					
Roll out waves of SW +Config to QA			▬				
Data Preparation (ingestion) in QA			▬▬				
Test of Reporting and Access in QA				▬			
Key User Enablement and UAT exec				▬			
Knowledge Transfer		▬		▬			
Roll out of SW and Config to PROD					▬		
Data Preparation (ingestion) in PROD					▬▬		
Cutover (Confirm of Func. and Access)						▬	

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7 Things to Take Home ...

- Effective legacy data extraction

- Central approach for multiple source systems

- Flexible and compliant archive data store

- SAP-centric control system

- Transparent, user-friendly retrieval access

- Retention management and legal hold

- SAP- and KPMG-certified

KPMG Certified

CERTIFIED
IDW PS 880

Thank you very much for YOUR attention!

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