Welkom

Data Archiving for S/4HANA Migration

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TJC GROUP
BECAUSE YOUR DATA MATTERS

TJC Group – Introduction

AREAS OF EXPERTISE

1) SAP Data Archiving & SAP ILM

2) GDPR SAP Data Management

3) Legacy System Decommissioning

4) Compliancy: Tax & Audit Readiness

Carlsberg DANONE Dunelm BT EE

AkzoNobel sodexo SANOFI Deutsche Post

SAP Silver Partner

Available on the SAP App Center

Agenda

- Archiving Before the Move to S/4HANA
  - Benefits & Recommendations
- Case Study
  - British Telecom
- Residence & Retention
- SAP ILM
  - A Critical Part of your Archiving Strategy
- Legacy Sytems
  - Options & Advice

Archiving before the Move to S/4HANA

Recommendations, Benefits & Best Practice

SAP S/4HANA: Timescales for ECC End of Life Support

Original date given by SAP in 2015 to stop ECC support
(10 years notice)

Customers can now extend support at minimal extra cost
(EHP 5, 6, 7)

New cut-off point. Likely to be very expensive
(EHP 6, 7 only)

Typically…

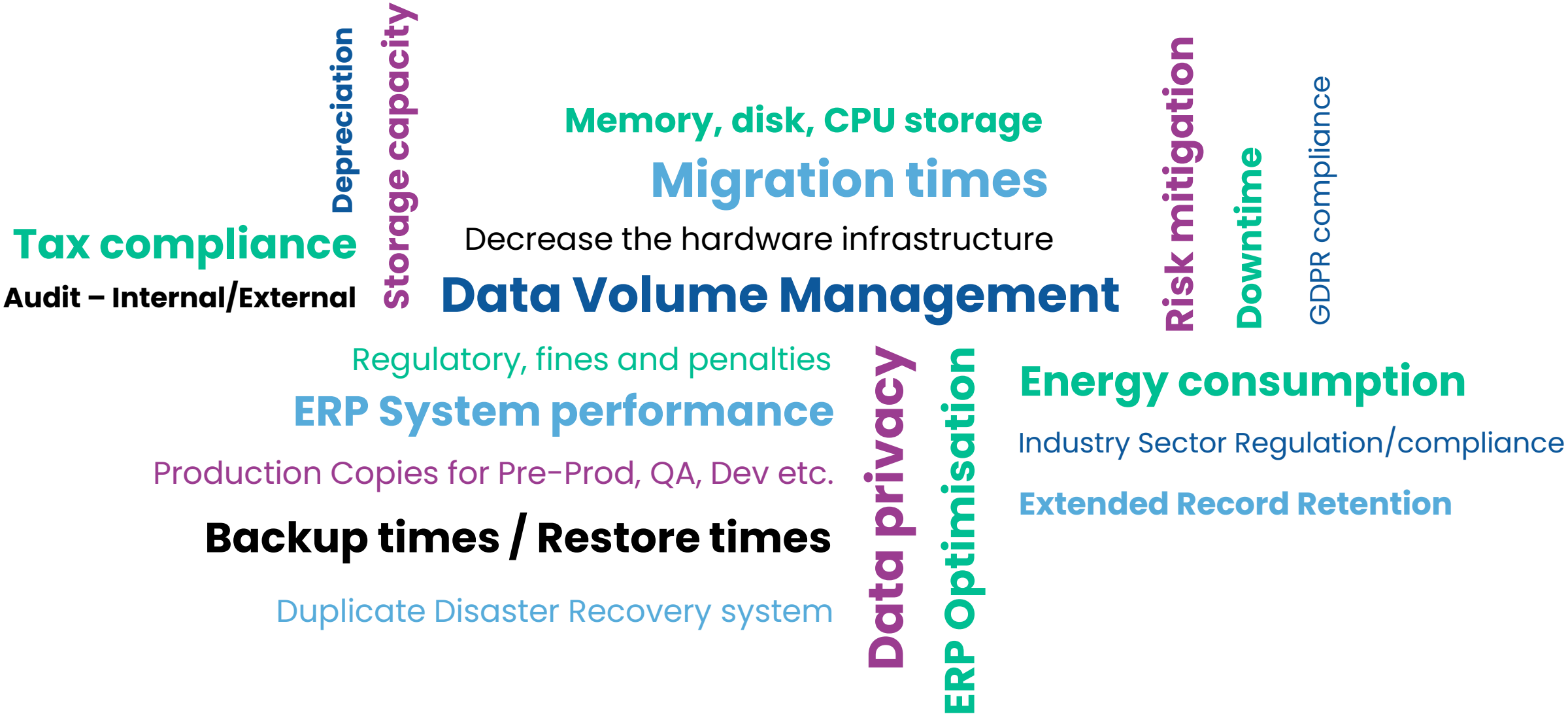
Assessment & decision (upgrade to S/4HANA or move to another ERP) ➡ **1 – 2 years**

Project timescale ➡ **12 – 18 months**

New customer
Straight on to S/4HANA

Existing SAP users:
Upgrade from ECC 5/6 to S/4HANA
(or via HEC)

Typical ERP TCO components



Reduce Data Volume & Control Data Growth

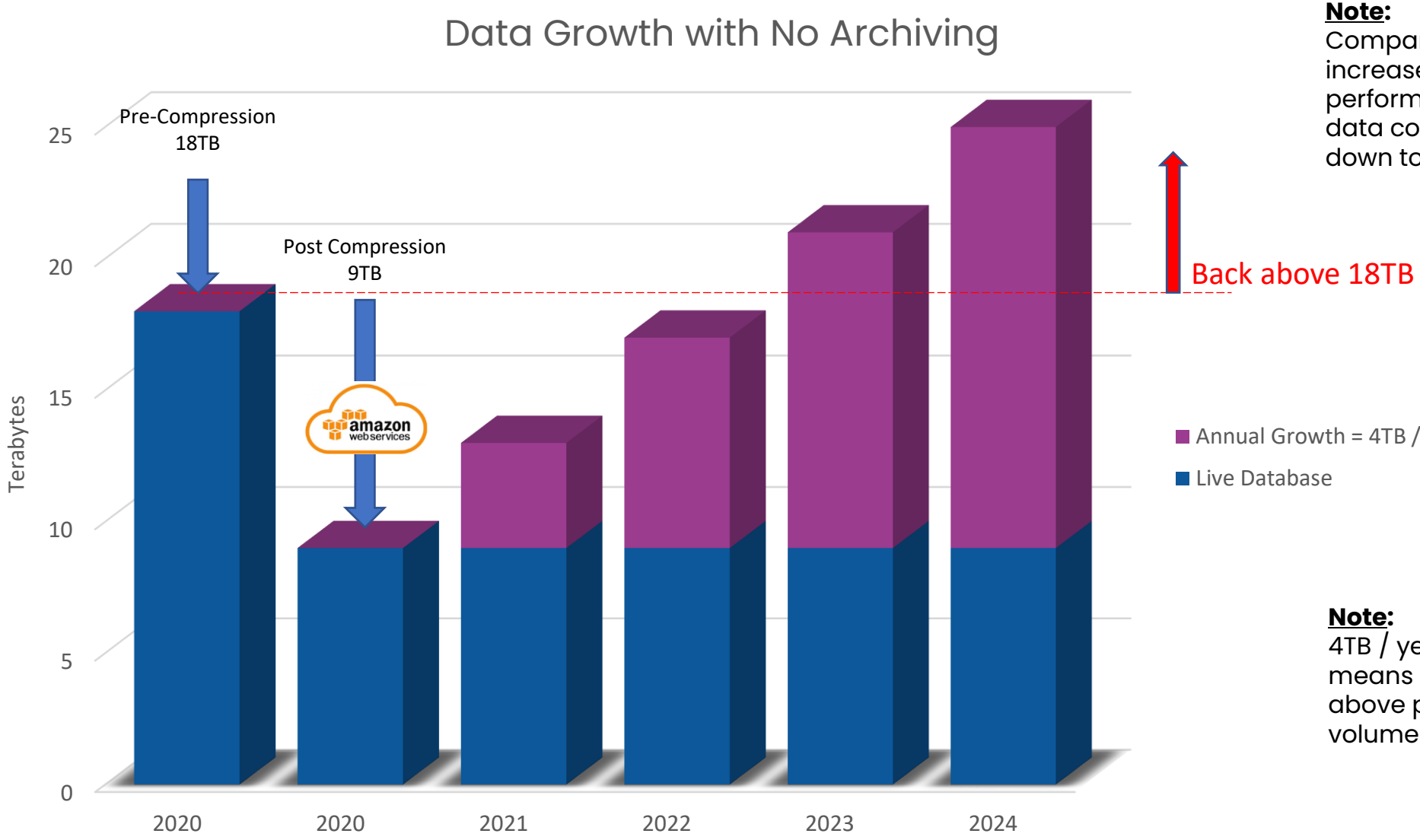
WITHOUT Archiving

- Performance problems are inevitable
- Extended HANA migration / backup / restore times
- Volume-based licence model is very expensive
- Volume growth of DB is uncontrolled
- Data protection, Retrieval, Audit – all can be compromised

WITH Archiving

- Reduced migration (HANA) / backup / restore
- Reduced licence costs (HANA)
- Volume growth is tightly controlled
- Lean SAP DB with good retrieval performance
- Accurate and clean data base for analyses
- Data protection and fast retrieval is guaranteed

The Effect of Doing Nothing



Note:
Company X recognised a **65%** increase in operational performance after the initial data compression from 18TB down to 9TB in 2020/21

Note:
4TB / year average growth means Company X will be back above pre-AWS database volume in 2.5 years

POLL 1

1. Is your Organisation ready for S/4HANA move?

A) Yes, we plan to move to S4

B) We are already on S4

C) No, we intend to move to another ERP

D) We haven't considered it yet

E) I don't know

2. When are you planning to move to S4?

A) Before 2023

B) By 2025

C) Later than 2025

D) I don't know

British Telecom

Case Study

Background

The problem statement

EU GDPR & Information Retention Policies

Significant growth of data

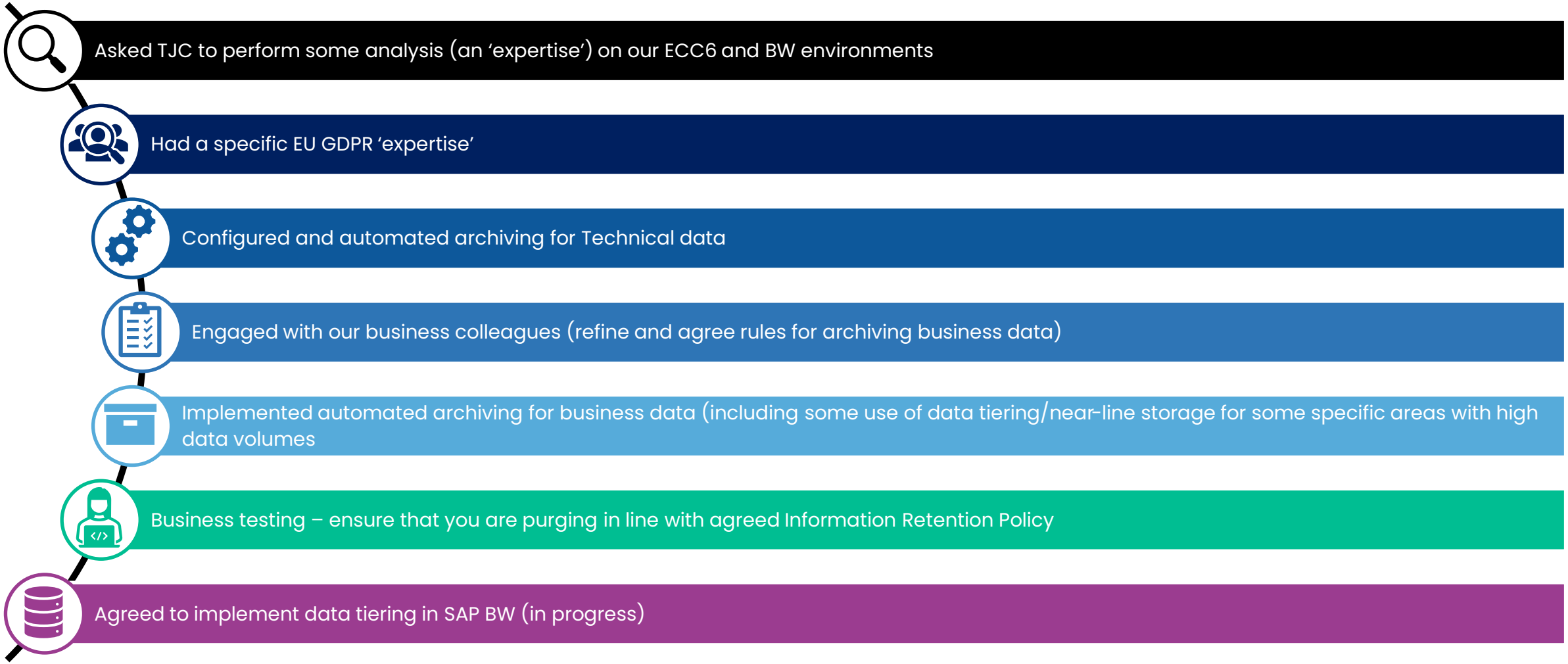
Performance issues

Issues with hosting in a legacy environment

Data centre moves (including change to Unicode)

Concerns over consolidation of our SAP estate

Actions – What Did BT Do?



Results – What Did BT Achieve?

Information Retention Policies implemented and automated

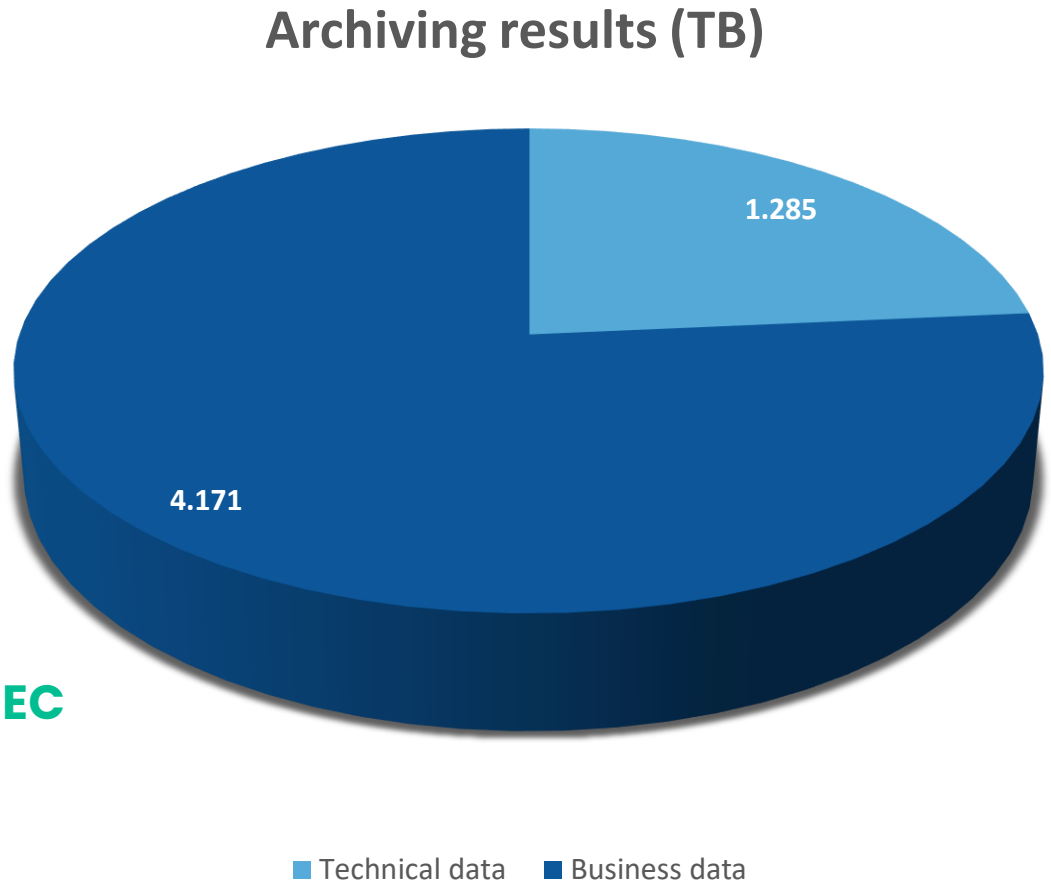
Immediate data reduction and slowing of data growth

Performance improved

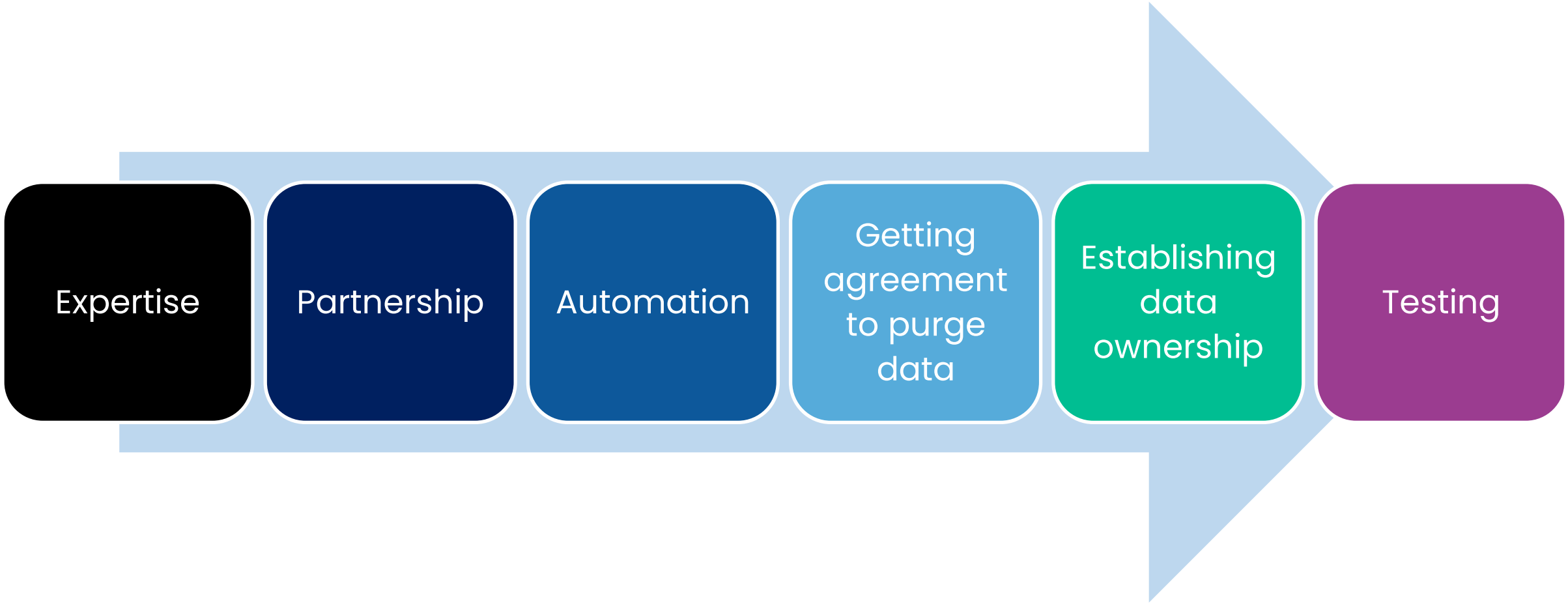
UNICODE deployed

2 data centre moves completed, inc. Move to HEC

SAP ECC6 consolidation completed



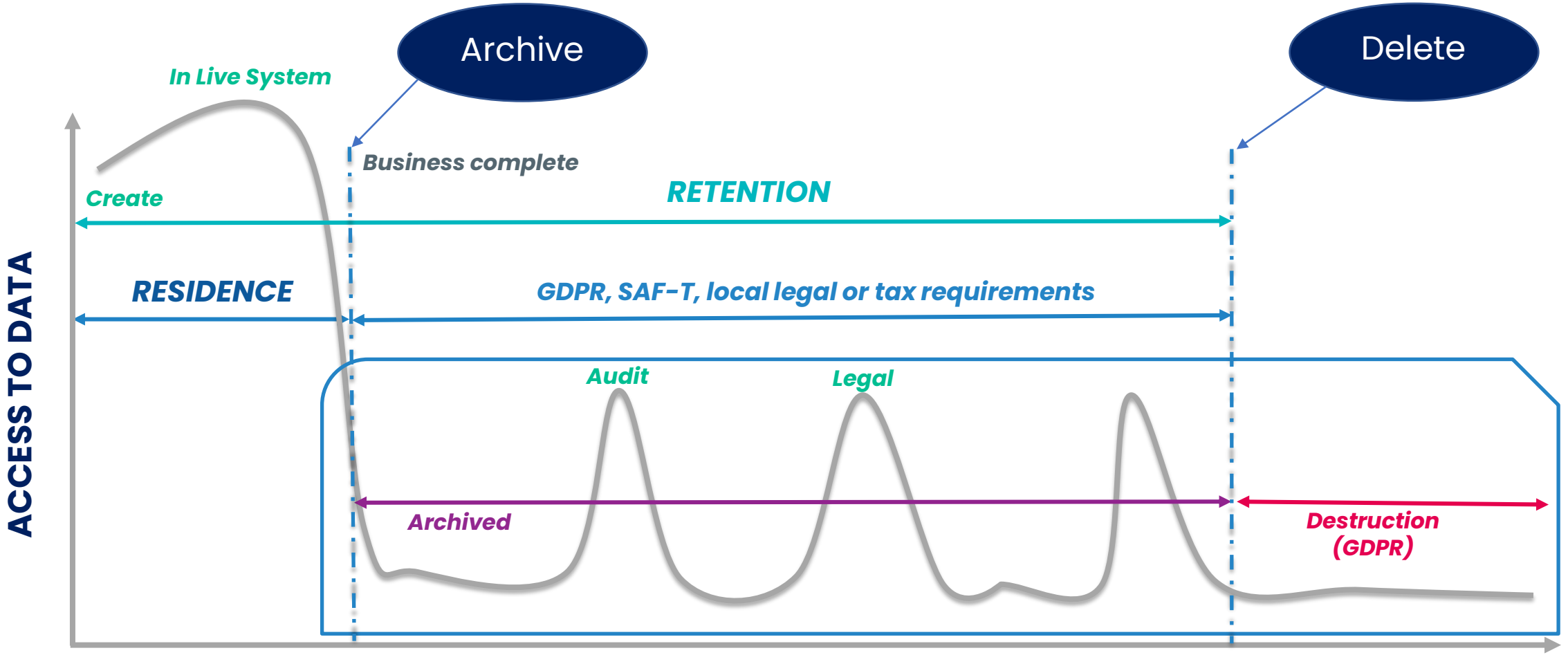
Summary – Key Takeaways



Residence & Retention

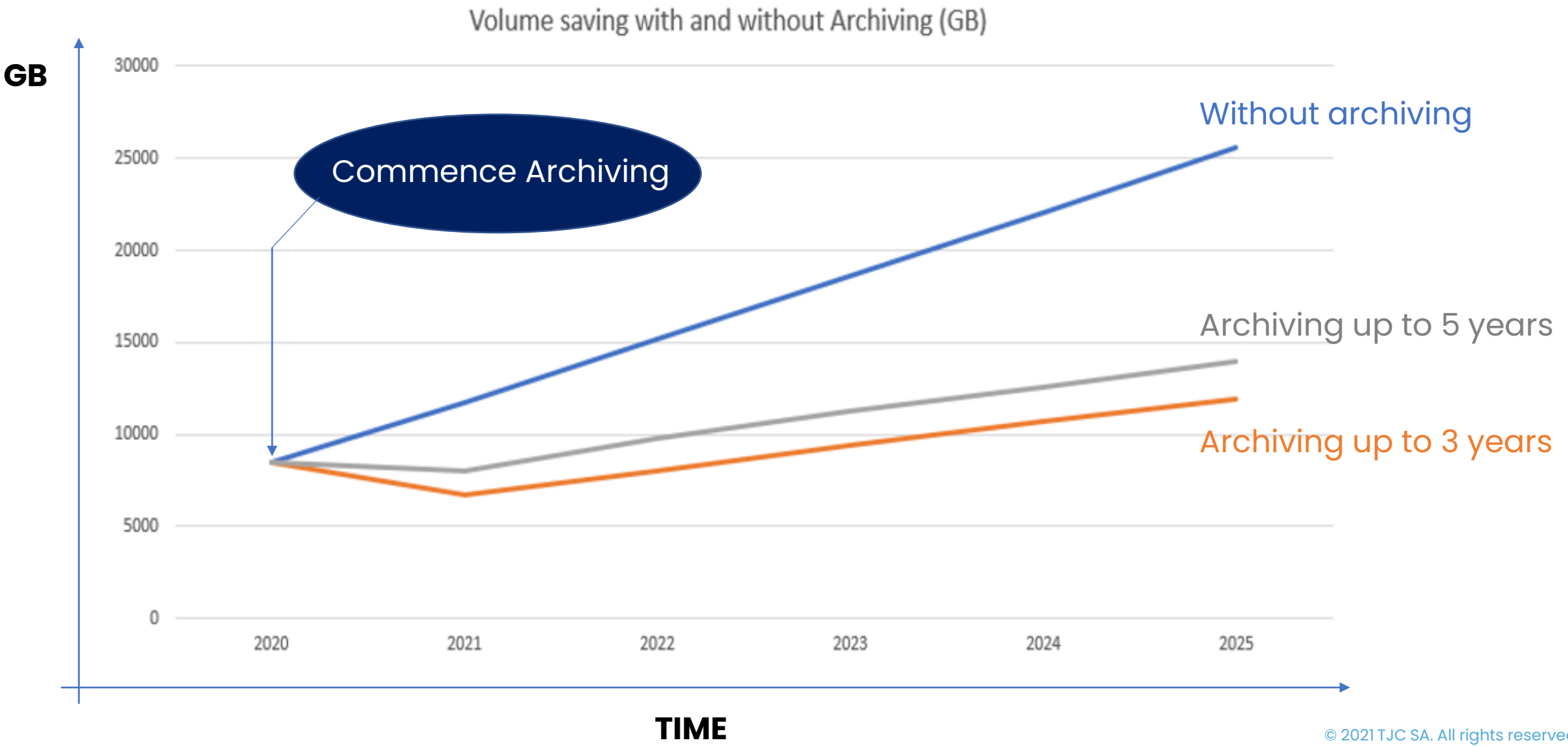
Definitions & Considerations

Definitions & the Data Lifecycle

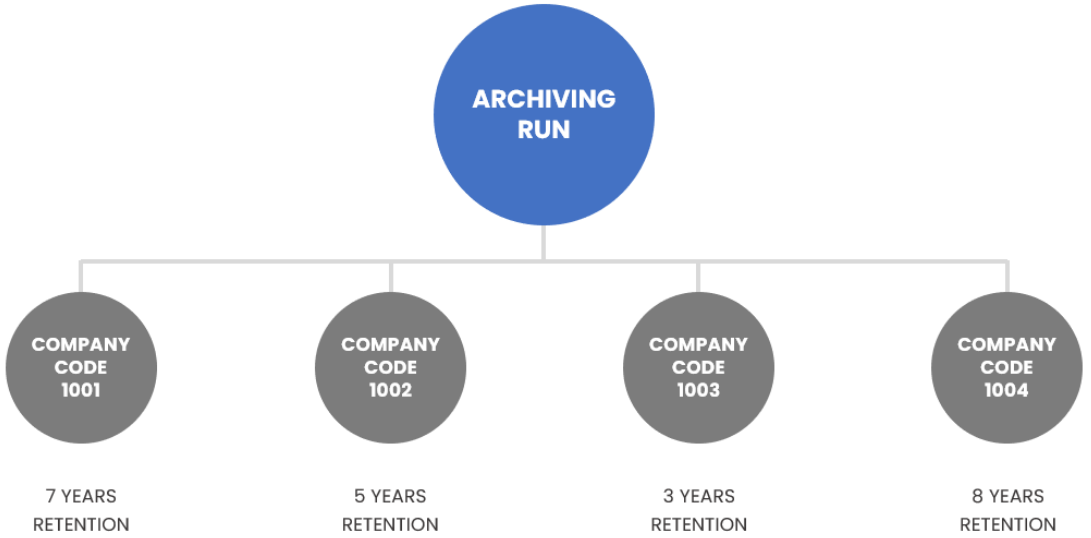


AEC by TJC B2G ASC by TJC AEC by TJC ASC by TJC

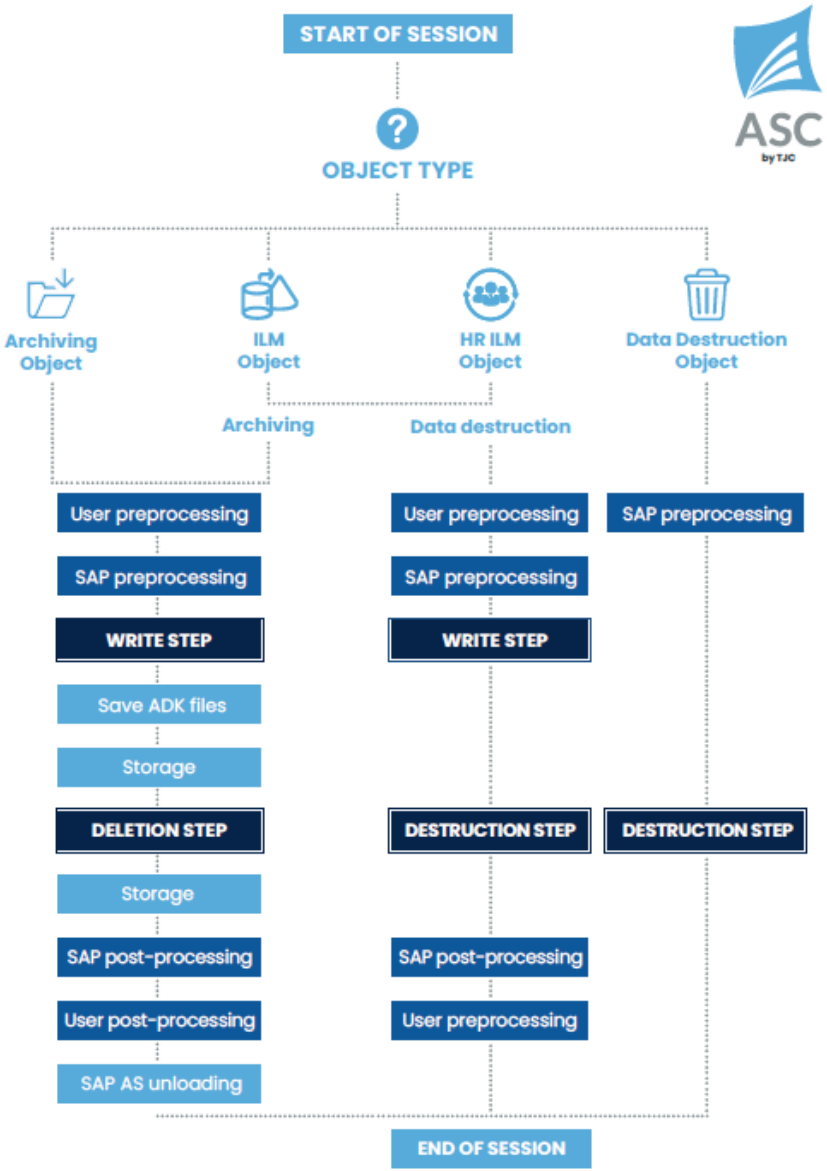
Choosing the Right Residence Period



Managing Retention Requirements in Different Countries?

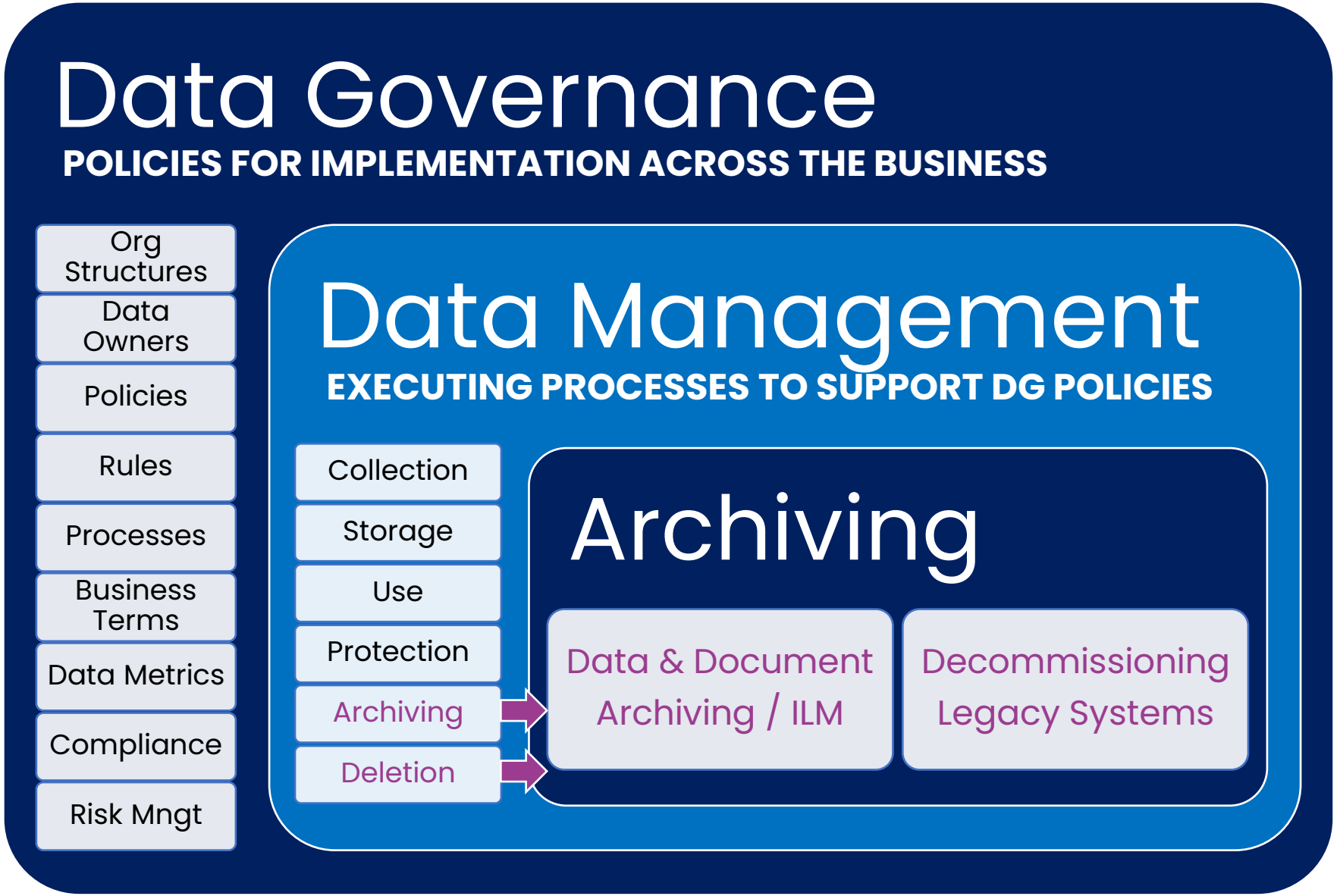


UK Germany Norway Poland



Strategic Importance of Archiving & ILM

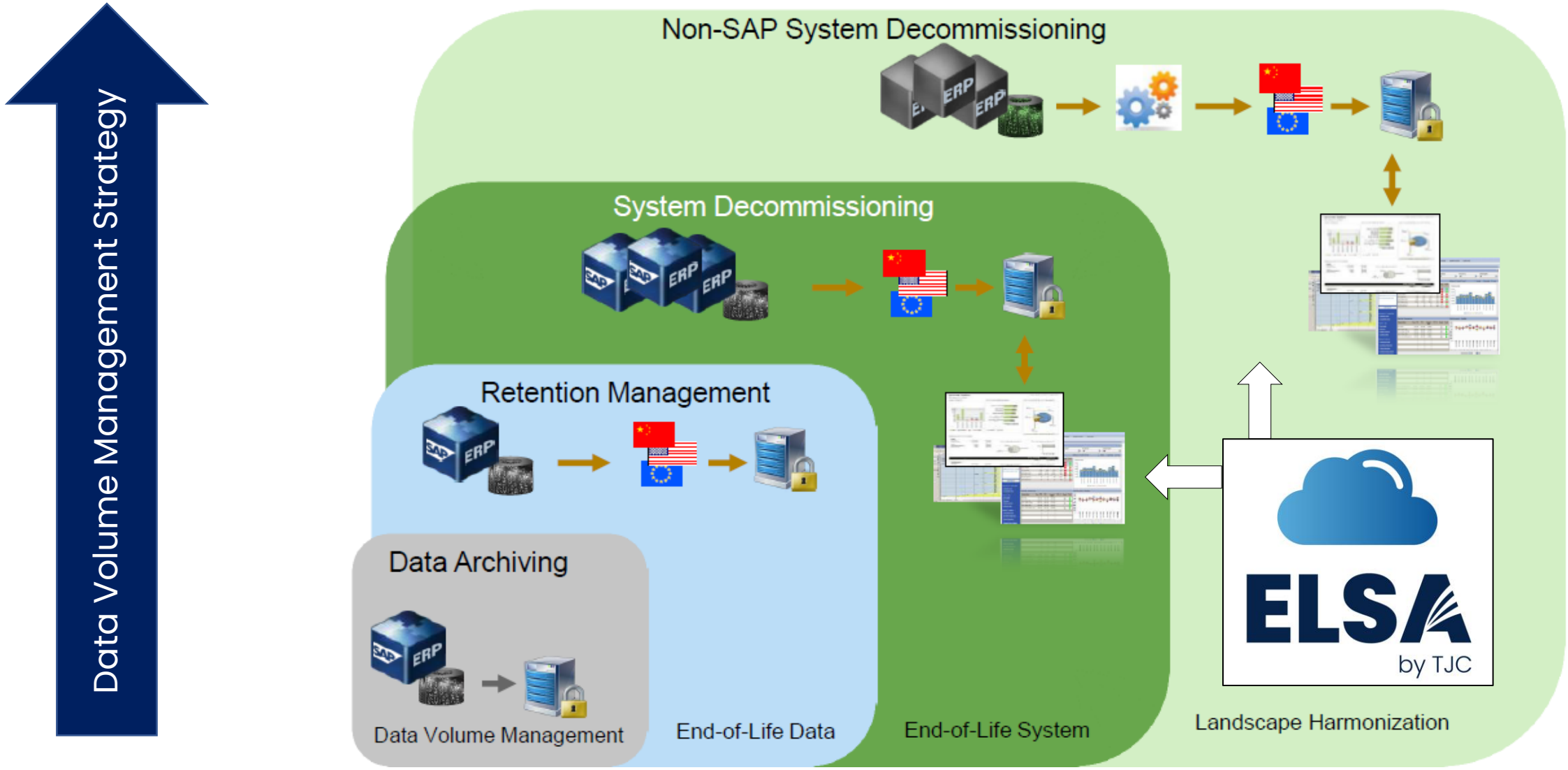
Definitions & the Role of ILM



Why is Data Archiving & ILM relevant for Data Governance?

1. WHAT is this information?
2. WHEN was this information created or processed?
3. WHERE is my data?
4. WHO has access to this information?
5. WHY is this information being retained?

From Data Archiving to ILM to Decommissioning



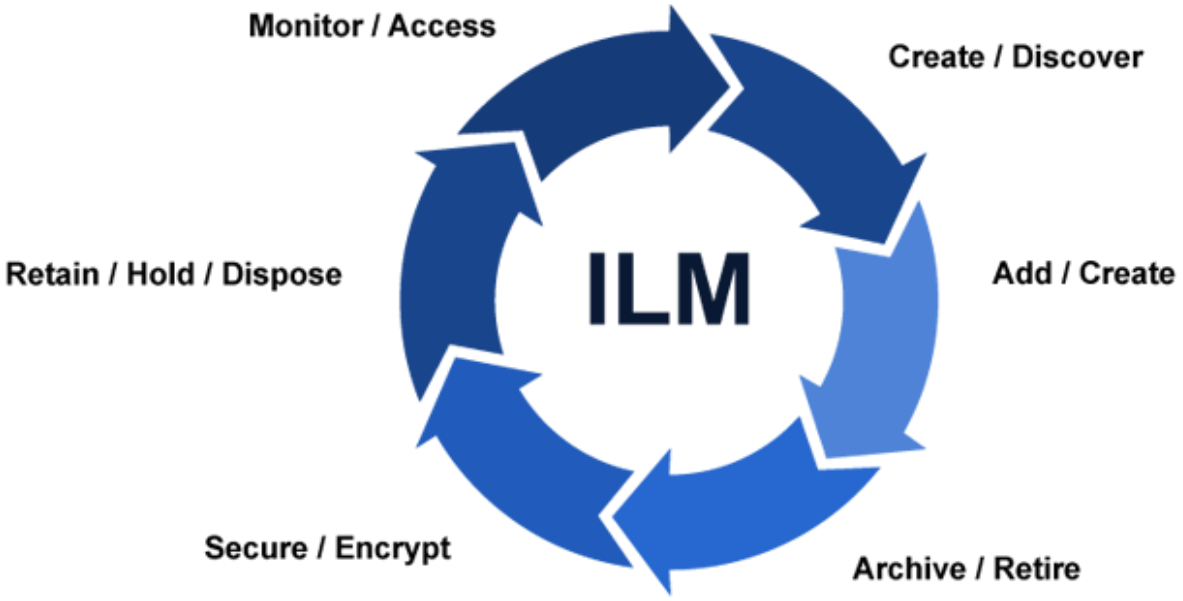
Source: SAP

The Effect of GDPR on the Management of Personal Data

The Six Data Processing Principles

Personal data must be:

- Processed lawfully, fairly and transparently.
- Collected only for specific legitimate purposes.
- Adequate, relevant and limited to what is necessary.
- Accurate and, where necessary, kept up to date.
- ***Stored only as long as is necessary.***
- ***Processed in a manner that ensures appropriate security.***



Source: https://www.itgovernance.eu/sv-se/eu-general-data-protection-regulation-gdpr-se

Information Management Challenges

The Benefits of a Robust ILM Solution

Legacy Systems

Options & Best Practice

POLL

Are you planning to retain your Legacy Systems or decommission?

< SAP or Non-SAP >

A) Plan to Retain

B) Plan to Decommission

C) We have already Decommissioned

D) Not sure

Why Should I Decommission my Legacy Systems?

OLD DATA

A system that no longer retains the current/active business data for day-to-day transactions

READ ONLY

A ‘read-only’ system that has historical data, typically to respond to tax, regulatory and compliance enquiries

COST

A system that incurs ongoing costs:

Licencing

Hosting/data centre costs

IT support and maintenance

OLD TECHNOLOGY

Unsupported applications and old technology

Cannot guarantee that data can be accessed to avoid penalties and fines

Simplify IT Environment to Save Cost

RETAIN

- SAP Licences
- SAP support
- OS support
- Retain experts to understand system
- Upgrades and Basis/Admin
- Energy/Datacentre costs
- Security/Access control/authorisations

High Cost

especially for older systems

VS

Low cost

typically 70-80% less cost

DECOMMISSION

- Extract 100% of data via CSE (Complete System Extraction)
- Secure data in Cloud repository (SAP Cloud Platform)
- Ensures secure remote access with easy-search
- Reduce risk of non-compliance

Takeaways

Bedankt voor je deelname

Bekijk op www.VNSGFocusOnline.nl welke sessies er nog meer zijn!

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