

Fast Path to S/4HANA

Data and Document Management Strategies for a Faster Transition

Rob Jackson, Principal Solution Architect, Serrala



Key Facts About Serrala



2,800+

Customers globally, between SAP on-premise, in the cloud, and managed services



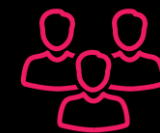
25%

Of Global Fortune 100 companies are our customers



30+

Years of experience with SAP Solutions



700+

Business process and technology experts



13

Offices worldwide (North America, Europe, Asia, Middle East)



Our Functional Solution Expertise

AP Automation

- Accts Payable Processing & Mgmt
- Supplier Evaluation
- Supplier Management

Data & Document Mgmt

- Archive Service
- Data Volume Management
- Legacy Decommissioning
- Privacy and Compliance
- Audit Readiness

AR Automation

- Credit Management
- Cash Application
- Collections & Disputes
- Risk & Compliance



Treasury & Cash Visibility

- Cash Management
- Liquidity Planning
- Treasury & Risk Mgmt
- In-House Banking
- Bank Account Mgmt
- Bank Relationship Mgmt

Payment Management

- Payment Processing
- Global Payment Factory
- Connectivity & Formats
- Payment Compliance
- Fraud Detection & Prevention

Bringing Clarity to Complexity

Agenda – Fast Path to SAP S/4HANA

1. The Skinny on Data Volume Management and SAP S/4HANA
2. Data Management Strategies for Moving to S/4HANA
3. Case study: Greenfield approach
4. Case study: Brownfield approach
5. Wrap up

The Skinny on Data Volume Management and SAP S/4HANA

My Skinny Jeans and All That Goes with Them



100 Baseball Hats

Concert T-shirts

Members Only Jacket

Skinny Jeans

SAP S/4HANA : My New Closet



The Move to SAP S/4HANA

Traditional SAP



- Sequential Indexed Access
- Slow Search
- Less Expensive Storage

SAP S/4HANA



- Columnar Access
- Fast Search
- More Expensive Storage

Moving to S/4HANA

Traditional SAP

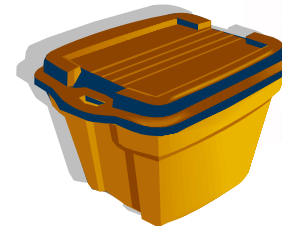
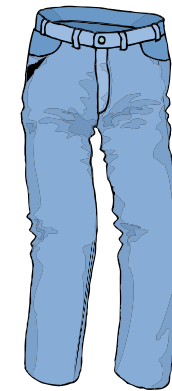


SAP S/4HANA



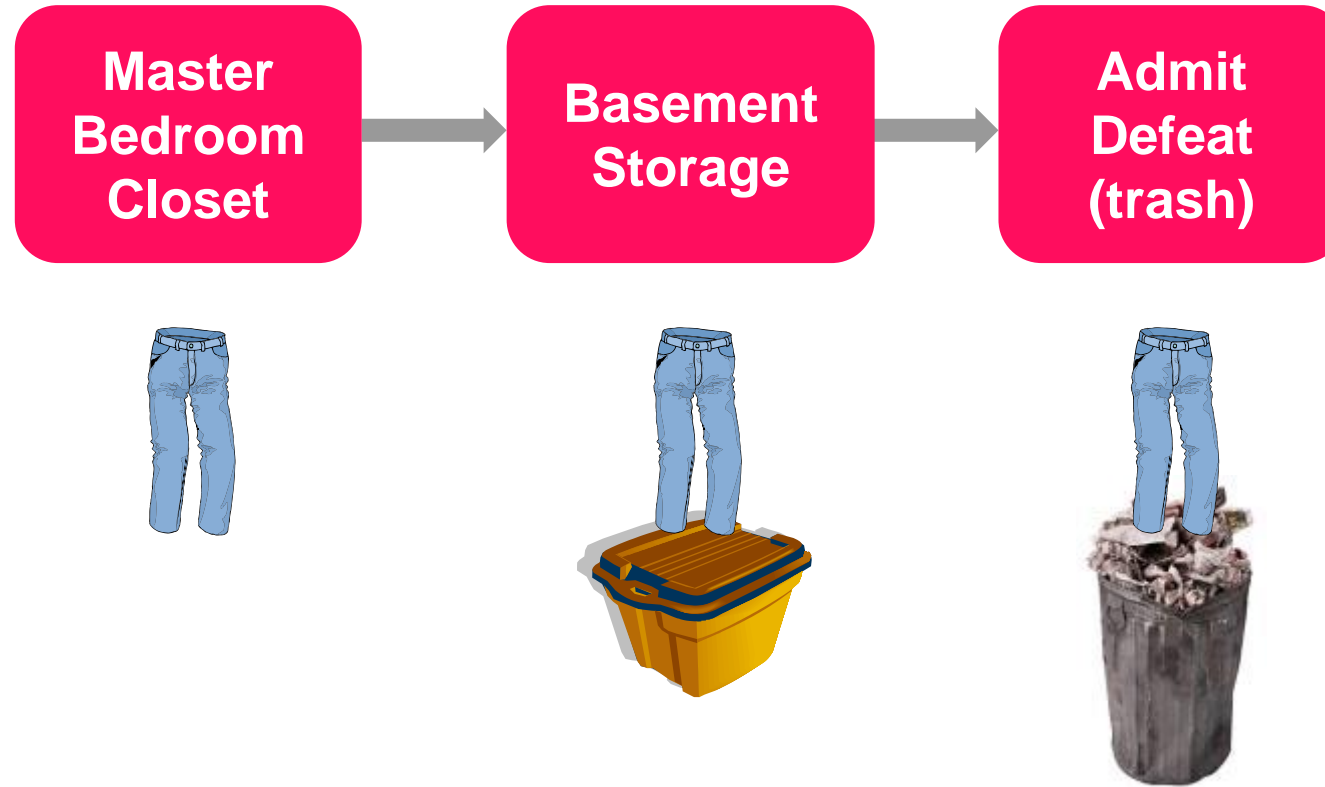
- Do I really want to store everything in my new expensive closet?
- It is WORTH spending extra money just to store these in my new closet?
- What VALUE do I get from that?

Lower the Cost of SAP S/4HANA with Data Volume Management



Archive

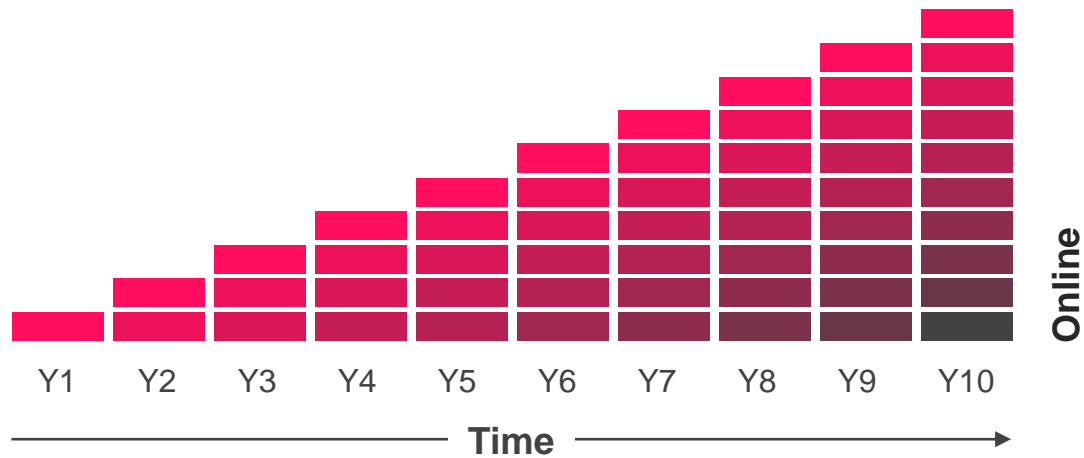
My Skinny Jeans Have a Lifecycle



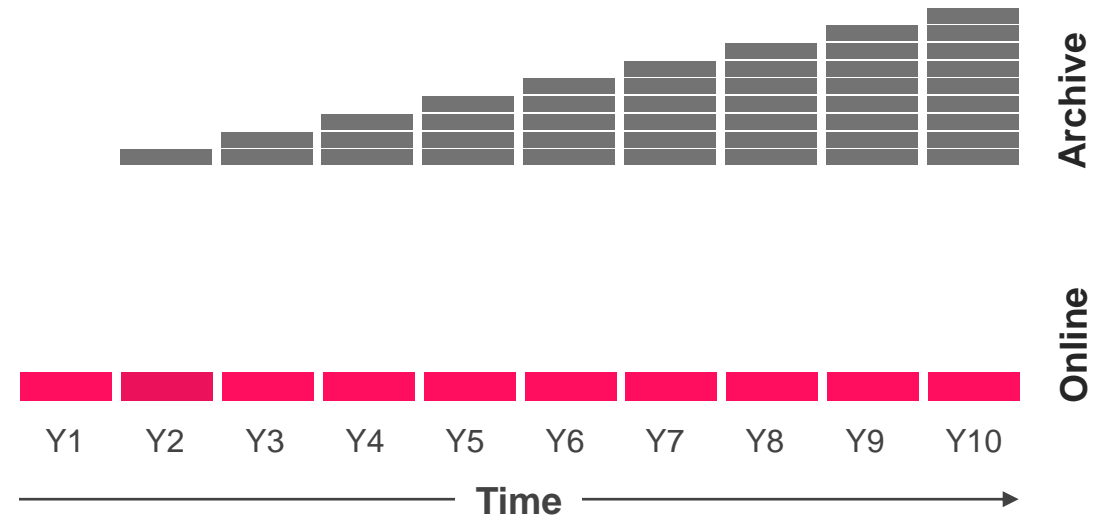
Your data has a lifecycle too!

Data Archiving - The Best Way to Slip Into your New SAP S/4HANA Jeans!

Without Archiving



With Archiving



Slim That Database Down to Size!

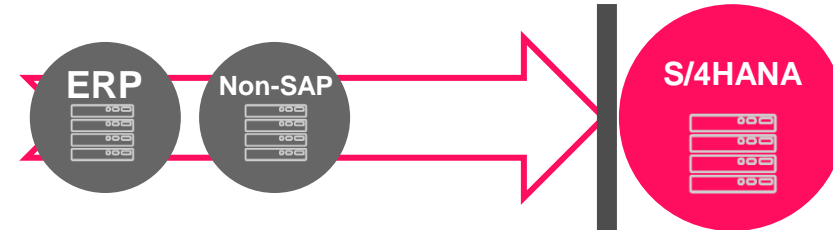
Data Management Strategies for Moving to S/4HANA

Transition paths to S/4HANA

Successfully moving to HANA requires a sound data and document management strategy

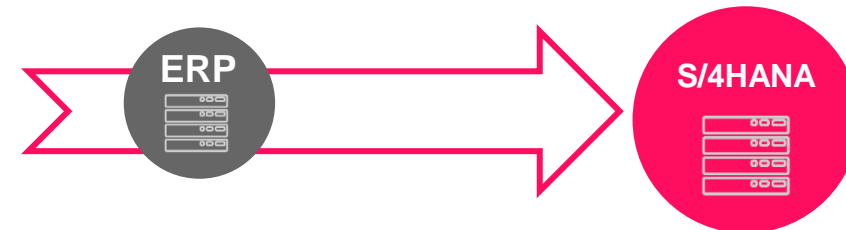
Greenfield:

Install a new S/4HANA system



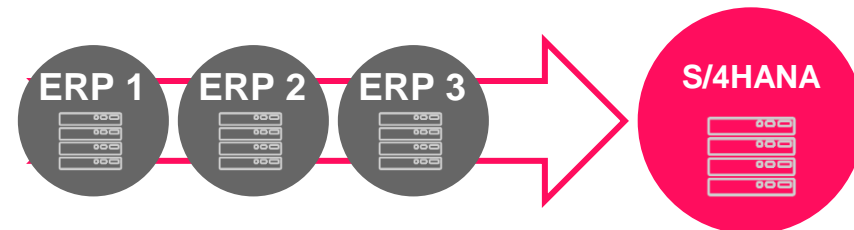
Brownfield:

Migrate the existing system



Consolidation:

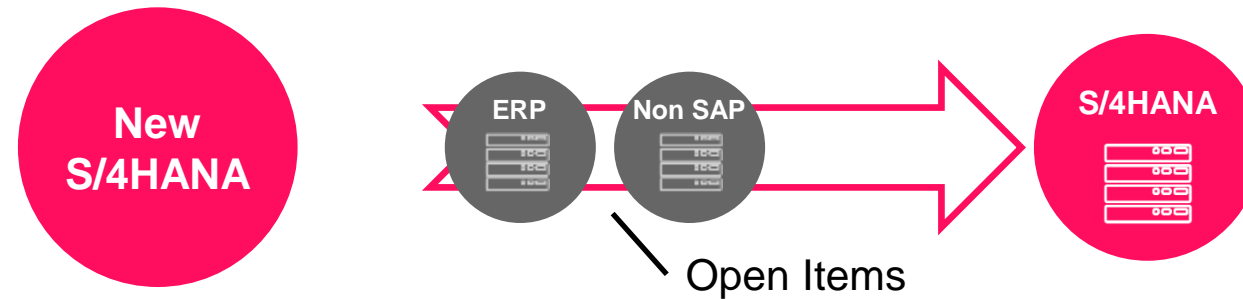
Transform multiple SAP or non-SAP ERPs into a new S/4HANA system



Case Study: Greenfield Approach

New S/4HANA plus system decommissioning of the legacy ECC environment

Greenfield approach - Start with a brand-new S/4HANA installation



How to deal with closed business transactions
Retention of mature data for audits



1. Continue using the exiting environment as “read only” system
2. System decommissioning – keep data in “SAP format”
3. System decommissioning – keep data in an open format (SAP independent)

Decide on suitable procedures for the data you need to keep

Run the existing legacy ERP system as information system

- Easy access to necessary information, reporting and analysis tasks "as usual"
- Existing system must be kept up-to-date and maintained
- High operating costs for occasional data access; high risk exposure

System decommissioning – retain data in "SAP" format

- SAP ILM Retention Warehouse
- Data access via SAP frontend (SAP ILM: SAP BW)
- Alternative/additional data and document access with third-party solution (consulting project)

System decommissioning – retain data in an open format

- Solution on project-basis or add-on solution (Corestone for Legacy)
- Open data format: flexible solution/management for long-term data storage
- SAP independent data and document access: flexible and economic approach

SAP S/4HANA New Implementation



A leading multi-line insurer that serves its customers in global and local markets

Challenges for the Transition to S/4HANA

- SAP ECC system live since 2000
- 2 TB database with no previous data archiving / DVM
- Greenfield SAP S/4HANA implementation → Transfer only open items
- Legacy information required for reporting and audits

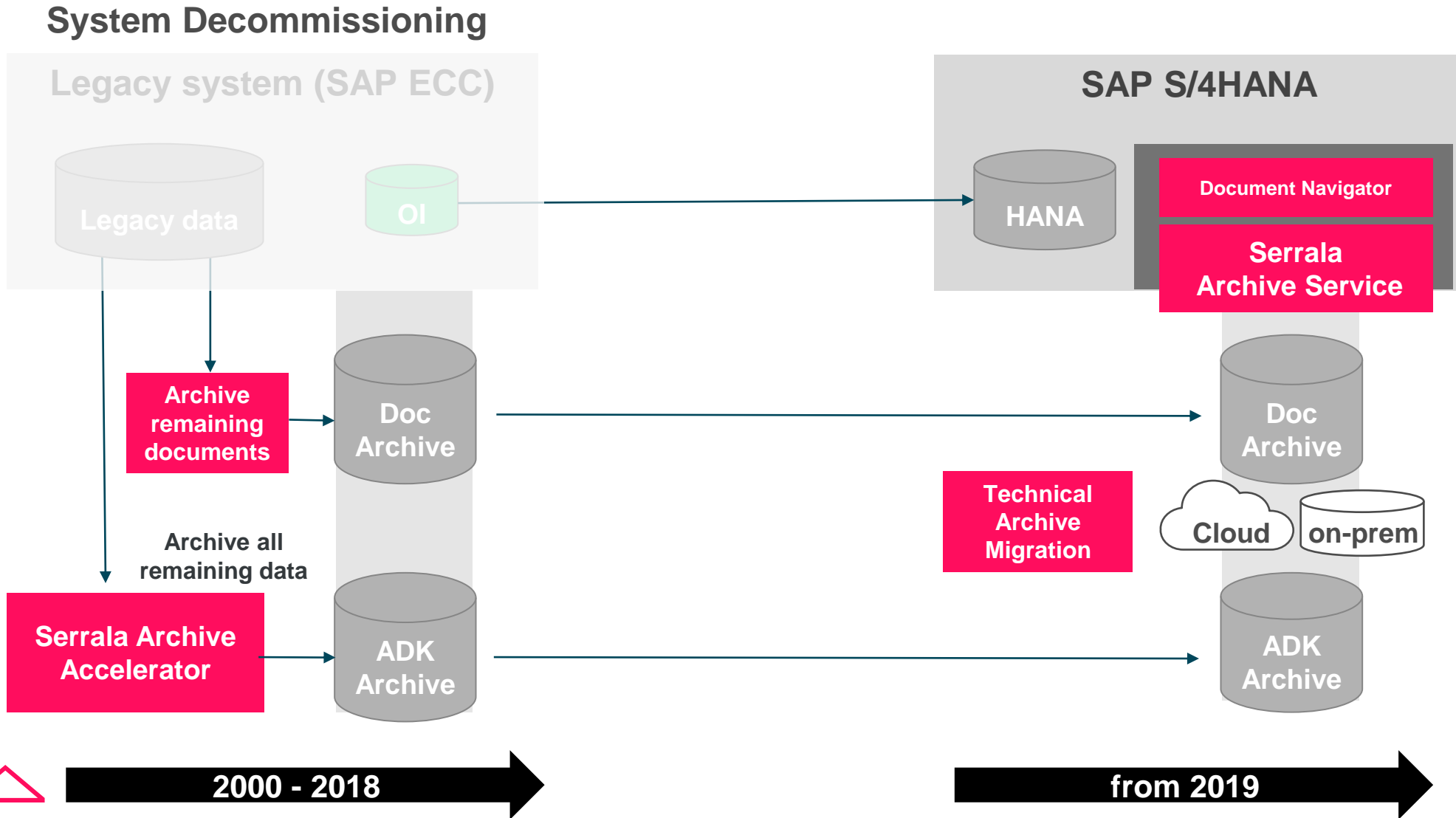
Data/Document Transition Approach

- Transfer open items to SAP S/4HANA
- SAP office documents → Archive
- All mature “legacy” data → Archive
- Store content in lean archive repository
- Access legacy data from S/4HANA system

Serrala Solutions and Services

- Extract legacy data and documents
- Lean SAP ArchiveLink-compliant archive platform
- Flexible user access to legacy data

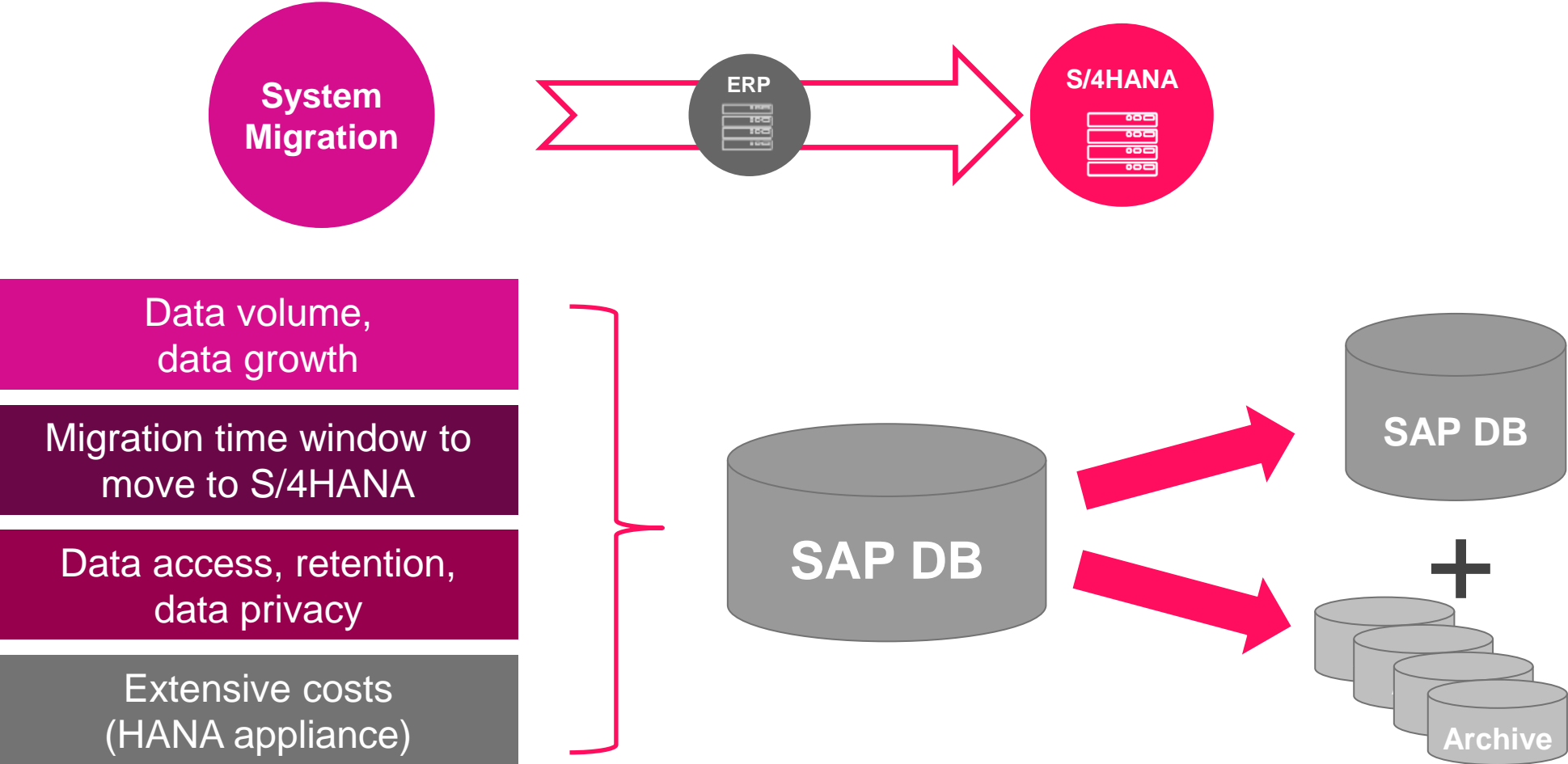
Transfer open items and decommission the legacy system



Case Study: Brownfield Approach

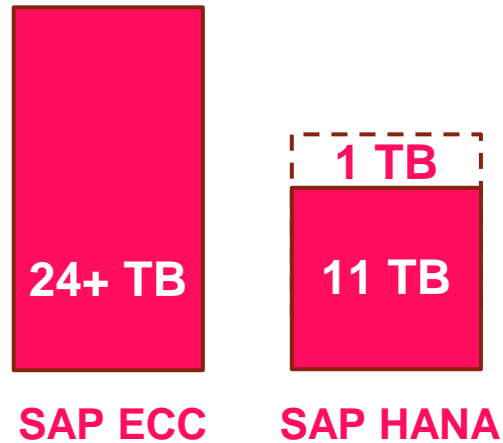
Migrate the existing system to S/4HANA and archive mature data prior to the database migration

Brownfield Approach: Migrate Your System Retaining Existing Data Structures



Case study: Dr. Pepper Snapple Group, USA

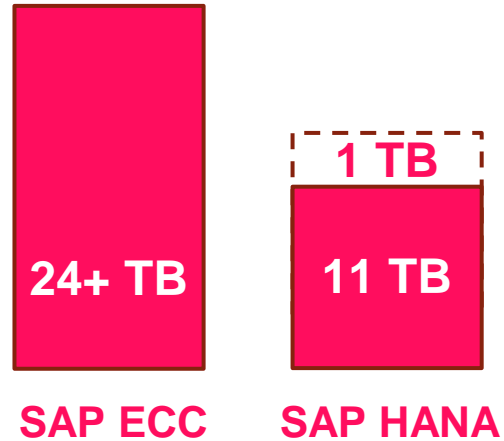
Migrate from SAP ECC to HANA (SoH)



- 24 TB into a 12 TB HANA appliance?
- Need sufficient head room for secure and fast HANA operation
- Option for additional (S/4) HANA instances on the same appliance

Case study: Dr. Pepper Snapple Group, USA

Migrate from SAP ECC to HANA (SoH)



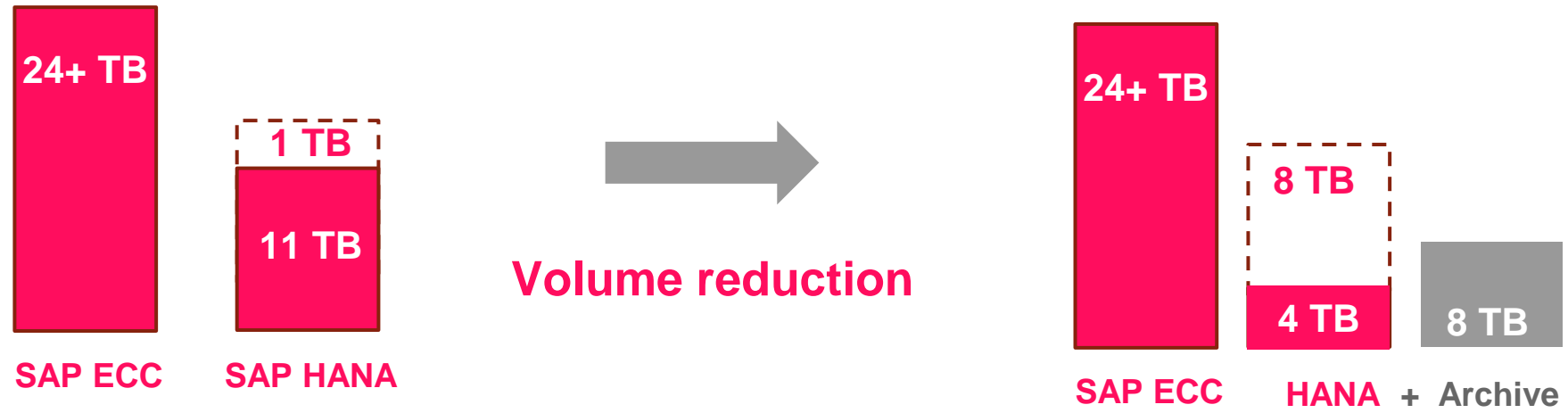
Migration Time Window:

- System shutdown 3 h
 - EHP upgrade 18 h
 - Database migration 48 h
 - Post migration jobs 12 h
- 86 h

- 24 TB into a 12 TB HANA appliance?
- Need sufficient head room for secure and fast HANA operation
- Option for additional (S/4) HANA instances on the same appliance
- Optimize the time window for the database-migration: Achieve < 72 h !

Dr. Pepper Snapple Group: Successful Migration to S/4HANA

Archiving success for the migration project



Database migration



Wrap Up

Things to Take Home

Get On the Fast Path to SAP S/4HANA - Serrala Analysis Workshop

- **Evaluate system KPI's** which are important for data and document management:
 - Database size, tables sizes, annual (quarterly) data growth,
 - System age (live since ...); main SAP modules used;
 - System architecture: database, archive system/platforms
 - Documents / unstructured data (stock, monthly/yearly amount, typical size)
- Discuss system **transformation plans** (upgrade plans to S/4HANA), optimization potential
- Evaluate **data access needs** (application users, expected performance, reporting habits)
- Briefly discuss **GDPR** and other **data privacy** related topics and customer requirements
- Discuss **Serrala solutions and service** options
- Discuss **improvement strategy** and project roadmap



Wrap Up – What You Need to Consider for Your Journey to S/4HANA

- Clearly understanding the information in your existing SAP system provides the foundation for an efficient transition
- Separate the data that is “fuel” from the “ballast”
- Greenfield or Brownfield? You need a sound data management strategy for your historic data and documents
- For new implementations: Carefully consider in which format you retain legacy data
- For migration scenarios: Minimizing data volume prior to the migration saves resources and time

Contact us for an analysis

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