



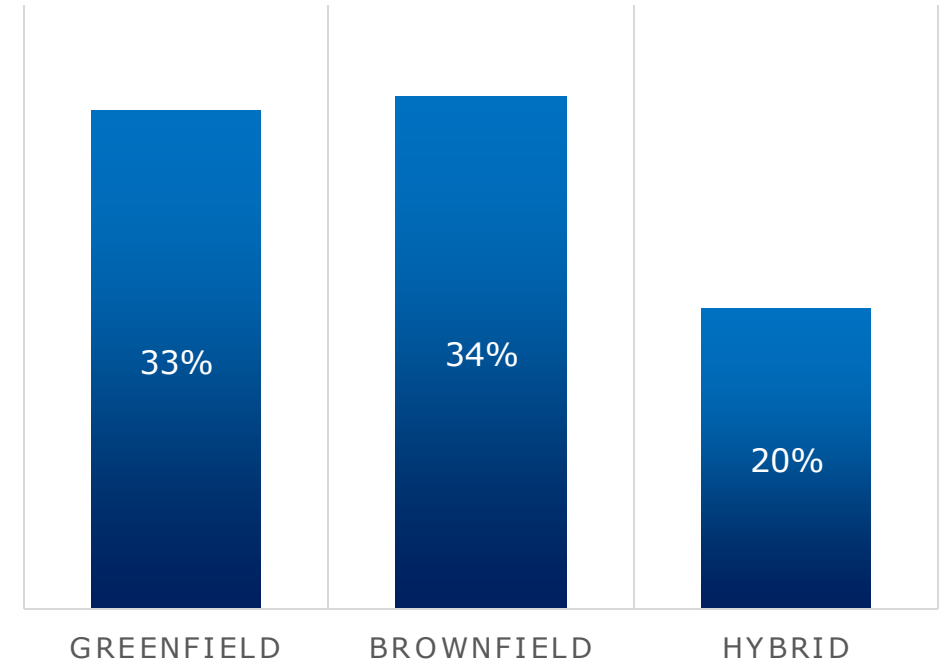
## Tackling legacy data challenges

Daniel Parker | March 2025

# SAP S/4HANA Adoption

## A key driver of legacy data creation

- ASUG research highlights the diverse approaches organisations are taking, with a close distribution between brownfield (34%), greenfield (33%), and hybrid (20%) deployments.
- As of 2Q24, Gartner estimates that since its inception in the market, SAP S/4HANA Cloud Public Edition has been sold to slightly more than 2,190 customers.



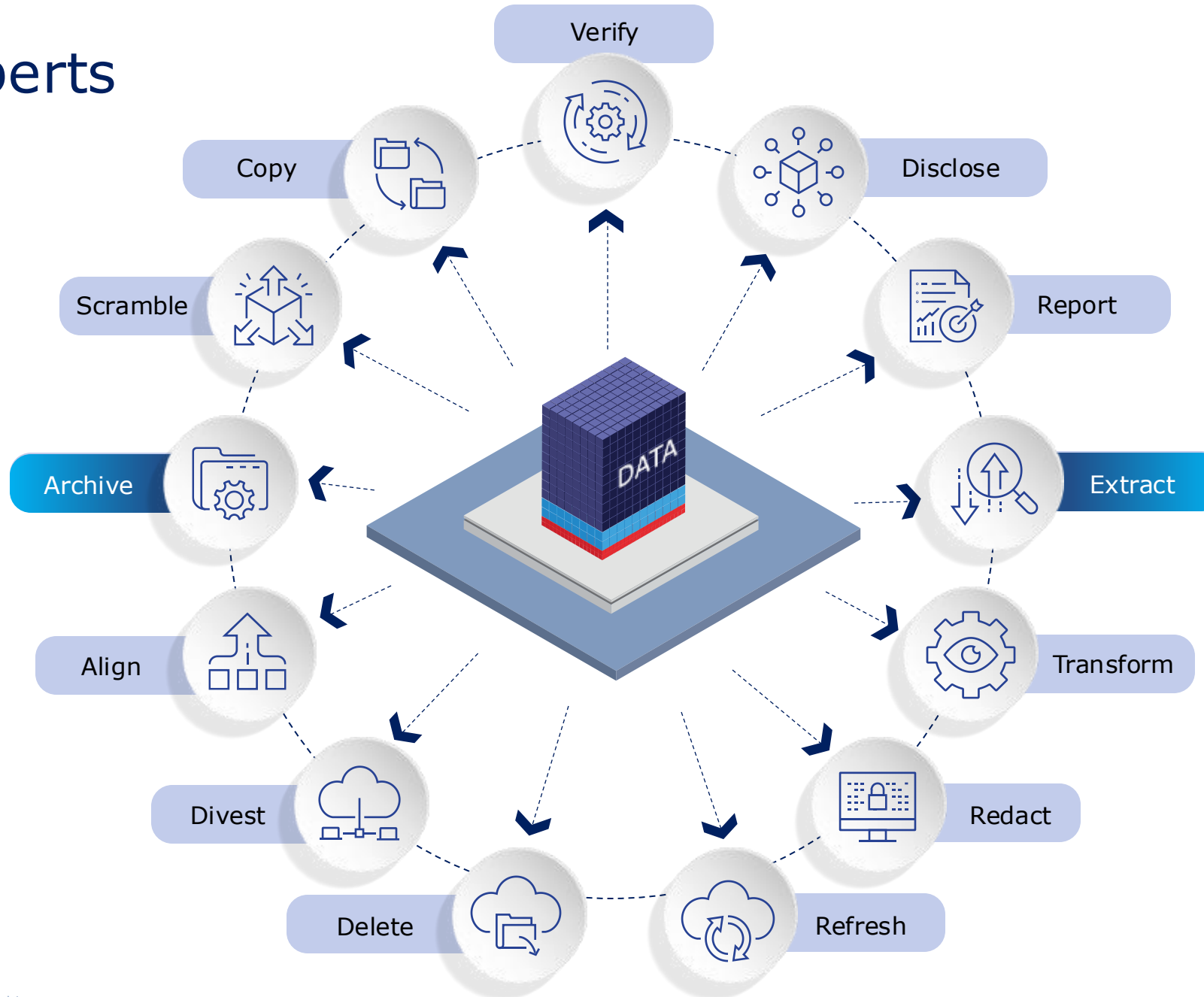
Reference: <https://www.asug.com> (July 2024)



# S/4 Adoption - Data Pain Points

- **Data extract from Legacy ERP can be**
  - Difficult to scope and define
  - Manual and labour intensive
  - Lack repeatability/automation
  - Require manual transformation before load
- **The ignored scope – legacy data archive**
  - Focus is often only S/4HANA and successful go-live
  - Legacy data/system storage and compliance needs are often ignored
- **What approaches can help address these problem areas to manage risk and compliance across the S/4HANA transition lifecycle**

# Data experts





## Object Extractor

Get accurate data extraction for SAP systems



# Business drivers and benefits



## Accurate SAP data extraction

Reduce Project cost/risk:

- Thousands of supported Objects
- Tried and tested solution for extracting accurate business data
- Filter by object key, plant, company code, sales org, etc
- Complete control over output format.

## Template and Automate

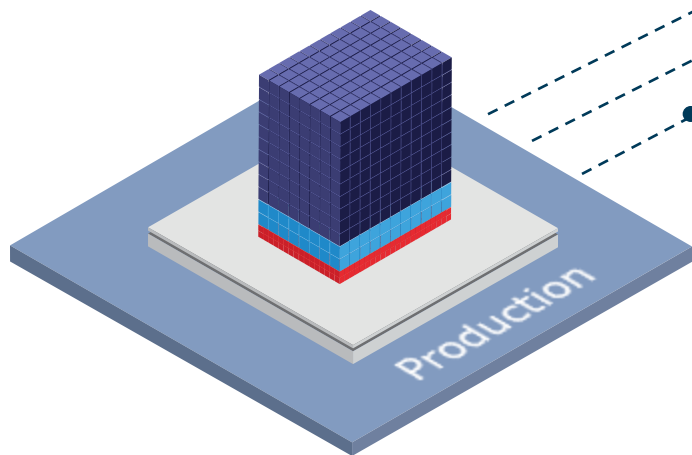
Reduce Project cost/risk:

- Create repeatable extract process
- Save Object selection criteria to Templates
- Schedule and Automate extract jobs
- Build data transformation into the extraction.

## Expert Assistance

Our experts will assist you with:

- Defining output format(s)
- Identification of data
- Extensions to support Z tables/fields
- Extract of data.



DATA objects  
selected



Easily screen and refine your data selection

- ✓ ☒ Material
  - > ☐ Activity Type
  - > ☐ Change master - Partial
  - > ☐ Approved Manufacturer
  - > ☐ Batch
  - > ☐ Batch Plant
  - > ☒ Characteristic
  - > ☒ Class
  - > ☒ Configuration Profile
  - > ☐ Cost Element
  - > ☐ Dependency
  - > ☐ Dependency Net
  - > ☐ DMS Document
  - > ☐ Dangerous Goods Master
  - > ☐ Specification
  - > ☐ Forecast Profile

#### Select Options

Material	<input type="text"/>	to	<input type="text"/>
Material Type	<input type="text"/>	to	<input type="text"/>
Material Sector	<input type="text"/>	to	<input type="text"/>
Material Group	<input type="text"/>	to	<input type="text"/>

#### Data Groups

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Plant <ul style="list-style-type: none"><li><input type="checkbox"/> Material Forecast Values</li><li><input type="checkbox"/> Material Forecast Values (MRP)</li><li><input checked="" type="checkbox"/> Plant-Specific Configuration Values</li><li><input checked="" type="checkbox"/> Planning Variant Configuration</li><li><input type="checkbox"/> Document (plant-level)</li><li><input checked="" type="checkbox"/> Valuation Area</li><li><input type="checkbox"/> Material Cost Estimate</li><li><input checked="" type="checkbox"/> Sales Area</li><li><input checked="" type="checkbox"/> Warehouse</li></ul> | <input type="checkbox"/> Batch Configuration <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Variant Configuration</li><li><input type="checkbox"/> Document</li><li><input checked="" type="checkbox"/> Change Document</li><li><input checked="" type="checkbox"/> Classification</li><li><input type="checkbox"/> Trigger Change Logging</li><li><input type="checkbox"/> Cross-Plant Configuration Values</li><li><input type="checkbox"/> Office Document (Attachment)</li><li><input type="checkbox"/> Assignment of Layout Models</li></ul> |
|--|--|

SAP S/4HANA  
migration cockpit

Test automation  
sheets

Data Lakes

AI training



## Archive Central

Sunset applications while retaining secure, role-based access to your data and associated reports.





# Business drivers



## Sunsetting Legacy Systems

Reduce operational cost/risk:

- Licenses
- Support
- Hardware
- Maintenance/Updates

## Business Divestitures

Buying or Selling side might require display-only access to specific data

## Business/System Transformation

- System Merger/Splits
- S/4HANA Greenfield
- Changing technology vendor

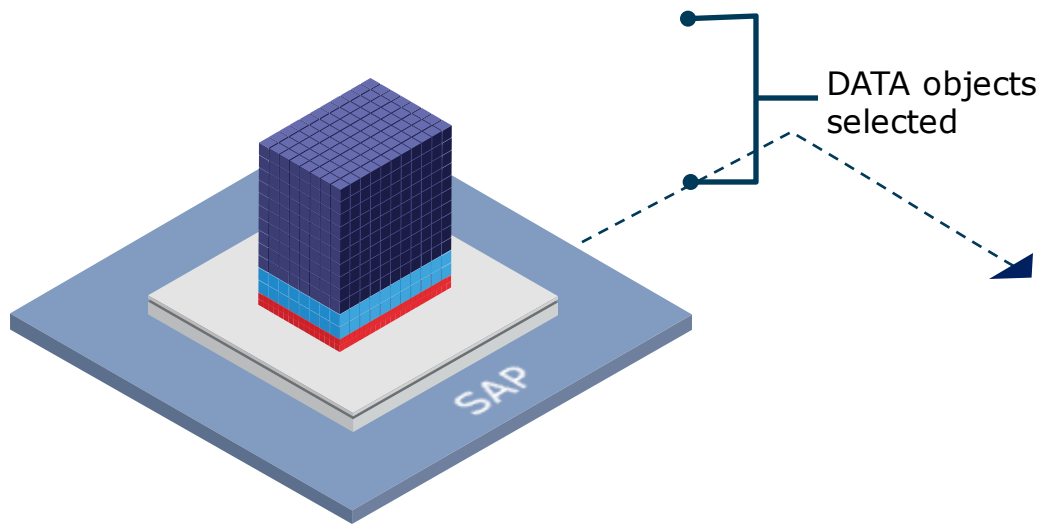
# Archive Central

- Cloud-based archiving (Software-as-a-Service)
- Multiple systems in one and the same archive
- Data model will be extracted along with the data
  - All custom database tables and columns
  - All relevant custom reports
- Providing compliance with global privacy laws (e.g. GDPR)
- Retention policies for periodic data removal
- Enterprise-grade security and compliance



The screenshot displays the Archive Central interface with two tables. The top table, titled 'Pay', lists various payroll data points including Effective Date, Pay Frequency Code, Pay Frequency, Pay Group Code, Pay Group, Pay Scale Code, Pay Scale, Period Pay Rate, Variable Pay Group Code, Variable Pay Group, Use Pay Scale, and Percent Change. The bottom table, titled 'Job', lists job-related data including Effective Date, Job Code, Job, Job Change Reason Code, Job Change Reason, Job Family Code, Job Family, Job Group Code, Job Group, Job History Modification Created By, Job History Modification Created By (User Name), and Supervisor ID. Below the tables are sections for 'Filters' and 'Changes'.

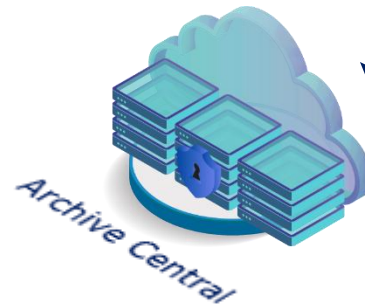




Easily screen and refine your data selection

<ul style="list-style-type: none"> <li>Material</li> <li>Activity Type</li> <li>Change master - Partial</li> <li>Approved Manufacturer</li> <li>Batch</li> <li>Batch Plant</li> <li>Characteristic</li> <li>Class</li> <li>Configuration Profile</li> <li>Cost Element</li> <li>Dependency</li> <li>Dependency Net</li> <li>DMS Document</li> <li>Dangerous Goods Master</li> <li>Specification</li> <li>Forecast Profile</li> </ul>	<p><b>Select Options</b></p> <p>Material <input type="text"/> to <input type="text"/></p> <p>Material Type <input type="text"/> to <input type="text"/></p> <p>Material Sector <input type="text"/> to <input type="text"/></p> <p>Material Group <input type="text"/> to <input type="text"/></p> <p><b>Data Groups</b></p> <table> <tr> <td> <input checked="" type="checkbox"/> Plant  <input type="checkbox"/> Material Forecast Values  <input type="checkbox"/> Material Forecast Values (MRP)  <input checked="" type="checkbox"/> Plant-Specific Configuration Values  <input checked="" type="checkbox"/> Planning Variant Configuration  <input type="checkbox"/> Document (plant-level)  <input checked="" type="checkbox"/> Valuation Area  <input type="checkbox"/> Material Cost Estimate  <input checked="" type="checkbox"/> Sales Area  <input checked="" type="checkbox"/> Warehouse         </td> <td> <input type="checkbox"/> Batch Configuration  <input checked="" type="checkbox"/> Variant Configuration  <input type="checkbox"/> Document  <input checked="" type="checkbox"/> Change Document  <input checked="" type="checkbox"/> Classification  <input type="checkbox"/> Trigger Change Logging  <input type="checkbox"/> Cross-Plant Configuration Values  <input type="checkbox"/> Office Document (Attachment)  <input type="checkbox"/> Assignment of Layout Models         </td> </tr> </table>	<input checked="" type="checkbox"/> Plant <input type="checkbox"/> Material Forecast Values <input type="checkbox"/> Material Forecast Values (MRP) <input checked="" type="checkbox"/> Plant-Specific Configuration Values <input checked="" type="checkbox"/> Planning Variant Configuration <input type="checkbox"/> Document (plant-level) <input checked="" type="checkbox"/> Valuation Area <input type="checkbox"/> Material Cost Estimate <input checked="" type="checkbox"/> Sales Area <input checked="" type="checkbox"/> Warehouse	<input type="checkbox"/> Batch Configuration <input checked="" type="checkbox"/> Variant Configuration <input type="checkbox"/> Document <input checked="" type="checkbox"/> Change Document <input checked="" type="checkbox"/> Classification <input type="checkbox"/> Trigger Change Logging <input type="checkbox"/> Cross-Plant Configuration Values <input type="checkbox"/> Office Document (Attachment) <input type="checkbox"/> Assignment of Layout Models
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Direct secure connection

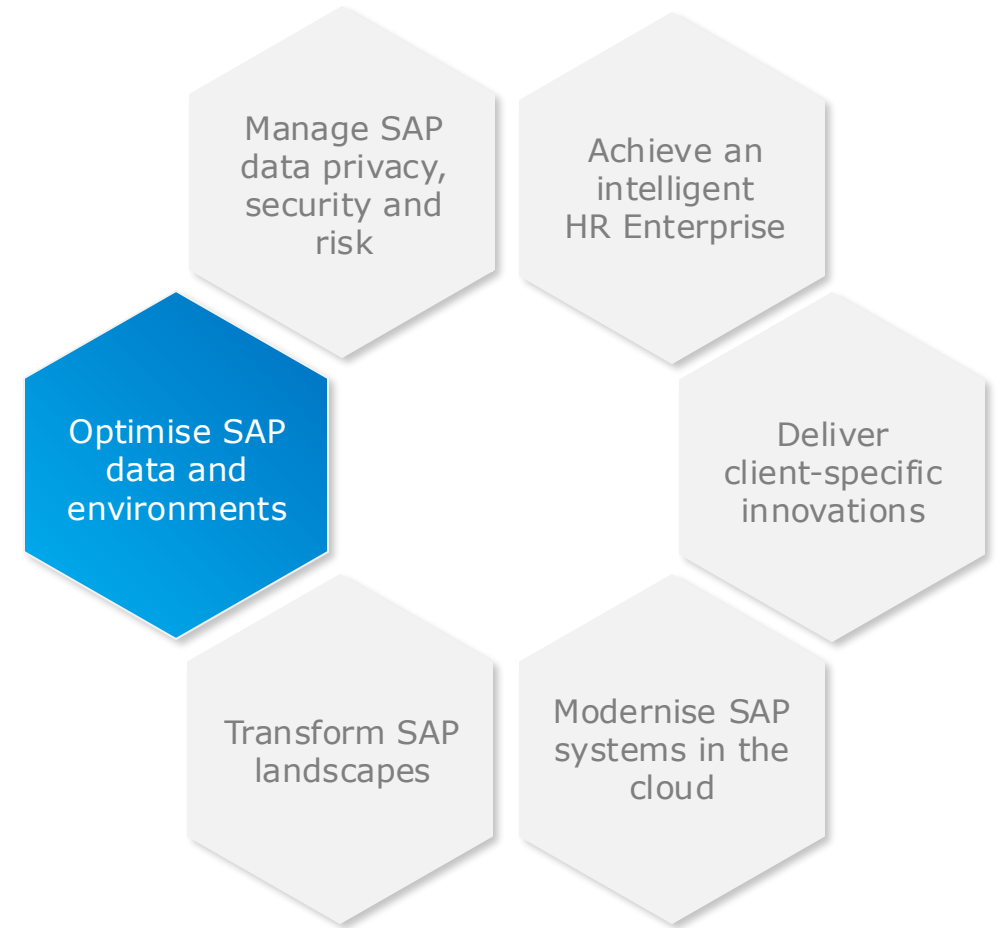


Flat file upload (Non-SAP source data)

# Financial Services Provider:

## Migration to S/4HANA and archiving historical data

- A leading financial services provider in South Africa covering Insurance, Investments & Financial Planning.
- The company completed a pilot project for the migration from SAP ECC6 to SAP S/4HANA. EPI-USE Labs streamlined the process by using Object Extractor to extract relevant data, transform it where needed, and populate the SAP S/4HANA Migration Cockpit Templates efficiently.
- Non-migrated data was archived to Archive Central using Archive Extractor, securely transferring both data and attachments (such as PDFs) for historical access to legacy information.





## Q&A Navigating legacy data challenges

March 2025



# Navigating legacy data challenges

- What are some common misconceptions your organization has about legacy data management?
- Are you holding onto datasets from the ghosts of systems long since past?
- What importance is placed on security and compliance of stored data when considering archive approaches?
- Have plans for, or the move to S/4HANA, made review of historical and legacy data a focus?
- Could the need for historical data retention hold you back from a move to S/4 Public cloud (or similar)?



# QUESTIONS



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Thank you



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