
# SAP Archiving:  What's Old is New Again!

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PUBLIC

# Agenda

- Why it is time to take a fresh look at an old topic
- How SAP archiving can play an important role in pre and post RISE with SAP
- Case Studies: How OpenText Archiving solutions for SAP reduced:
  - Cost
  - Time
  - Risk

  in our customers' migrations to RISE with SAP and beyond
- Free offer: Assessment on how much benefit you can expect courtesy of our Partner Sigma Business Solutions
- Q&A


It does look familiar, but this one is powered by AI!

# Client Profile: Large International Retailer

- Consolidated multiple SAP ECC systems, then moved to RISE
- Began archiving documents only – not data
- HANA Database growth exceeded expectations – Faced with higher RISE Tier
- Implemented OpenText archiving for data as well avoid higher monthly charges and to manage costs going forward

Benefits:

- Avoid being re-tiered to a larger platform than necessary
- Eliminate additional Memory Extensions
- Better able to manage overall growth and cost on an ongoing basis

# Important Implications/Considerations for S/4HANA

- **<u>Cost</u> implications** for SAP's cloud customers
  - In-memory storage is very expensive
  - HANA Memory Extensions and resource tiers
  - Ongoing expense

- **<u>Performance</u> implications** for an *in-memory* database
  - In-memory databases store data in main (internal) memory….as opposed to retrieving from disk drives
  - Optimized for high performance (i.e. faster)
  - If database grows too large:
    - Performance will be negatively impacted
    - Upgrades/updates become more time-consuming

# How many are familiar with OpenText Archiving Solutions for SAP?

- SAP Solution Extension for over thirty years!
- Move data and documents from your production SAP instance to free up space and improve performance, while data is still available from you SAP system
- OpenText has many more archiving solutions for SAP including SasS solutions
- Regardless of where SAP customers are in their S/4HANA journey, establishing an effective archiving strategy can save significant time, effort and costs:
  - **Pre** S/4HANA: Reduce migration cost, time and risk.
  - **Post** S/4HANA: Reduce operating costs and ensure optimal performance from the in-memory database.
  - Additional benefit: get information on an appropriate retention schedule.
  - Decommission legacy SAP ECC systems and eliminate costs


18-time
SAP Pinnacle
Award Winner

# Background

Terminology and Concepts

# RISE with S/4HANA Sizing Metrics

- FUE = **Full Use Equivalent** define a **standard** HANA (in-memory) > system size & no of App Servers

| Usage Tier | System Size | System Tier PRD and QA RAM (GB) | System Tier DEV RAM (GB) | Application Servers |
|---|---|---|---|---|
| Up to 135 FUE** | XXS | Up to 256* | Up to 256 | 2 |
| Up to 550 FUE | XS | Up to 256 | Up to 256 | 3 |
| Up to 1000 FUE | S | Up to 512 | Up to 256 | 3 |
| Up to 2000 FUE | M | Up to 1,024 | Up to 256 | Up to 5 |
| Up to 4000 FUE | L | Up to 2,048 | Up to 512 | Up to 6 |
| Up to 6000 FUE | XL | Up to 3,072 | Up to 512 | Up to 10 |
| Above 6000 FUE | XXL | Up to 6,144 | Up to 512 | Up to 10 |

*No QA System Tier provided.
** For RISE with SAP S/4HANA Cloud, private edition, base option, this is the only available Usage Tier.

**5. RISE WITH SAP S/4HANA CLOUD, PRIVATE EDITION (FORMERLY, "SAP S/4HANA FOR ENTERPRISE MANAGEMENT, PRIVATE EDITION") AND RISE WITH SAP S/4HANA CLOUD, PRIVATE EDITION, BASE OPTION**

5.1. Usage Metric: Full Usage Equivalents (**"FUE"**). FUEs are measured as follows:

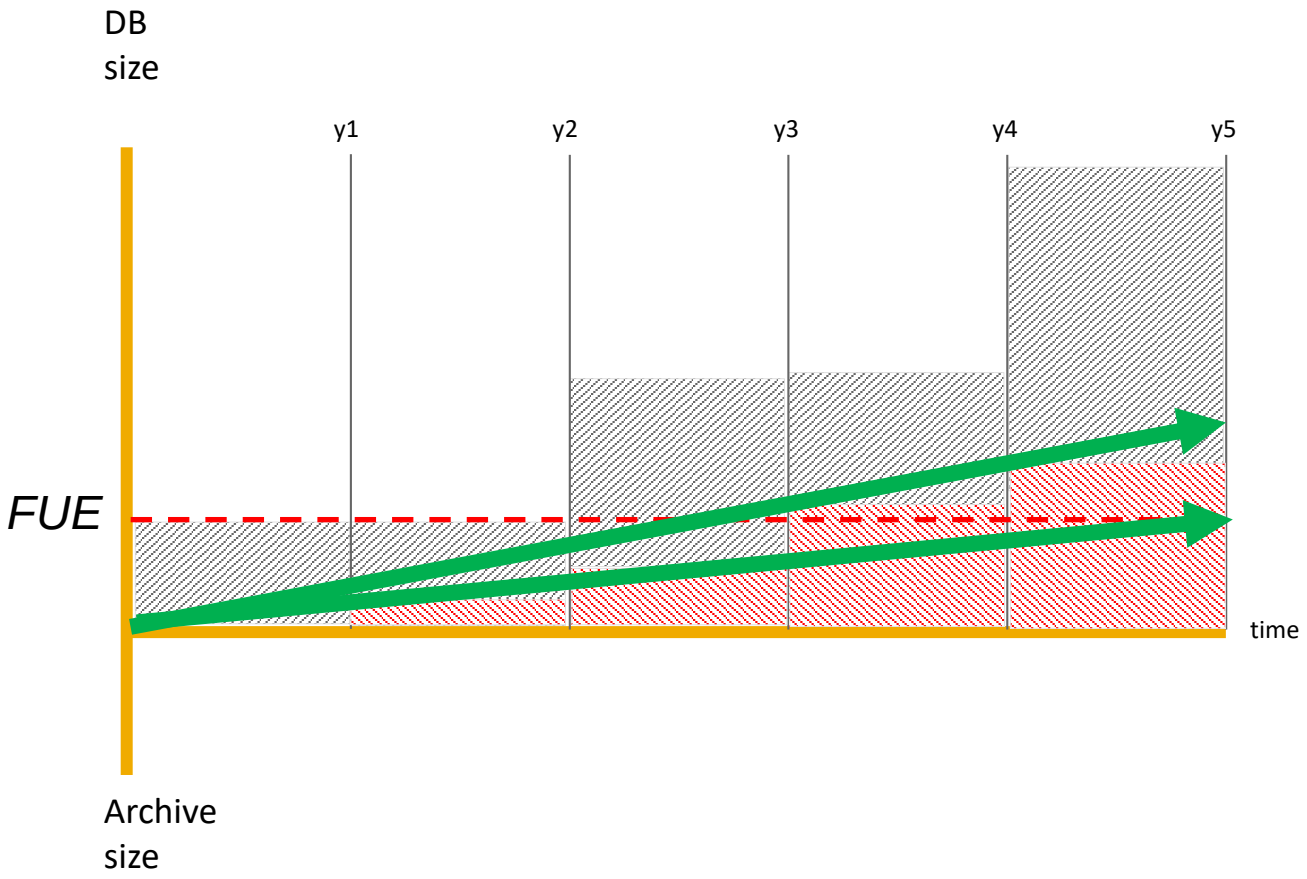
a. 1 FUE = 0.50 SAP S/4HANA Cloud, Developer Access;
b. 1 FUE = 1 SAP S/4HANA Cloud for advanced use;
c. 1 FUE = 5 SAP S/4HANA Cloud for core use;
d. 1 FUE = 30 SAP S/4HANA Cloud for self-service use.

Customer may allocate each FUE to any one of the use types and may change the allocation during the subscription term. A Full Usage Equivalent cannot be divided between or among different use types.

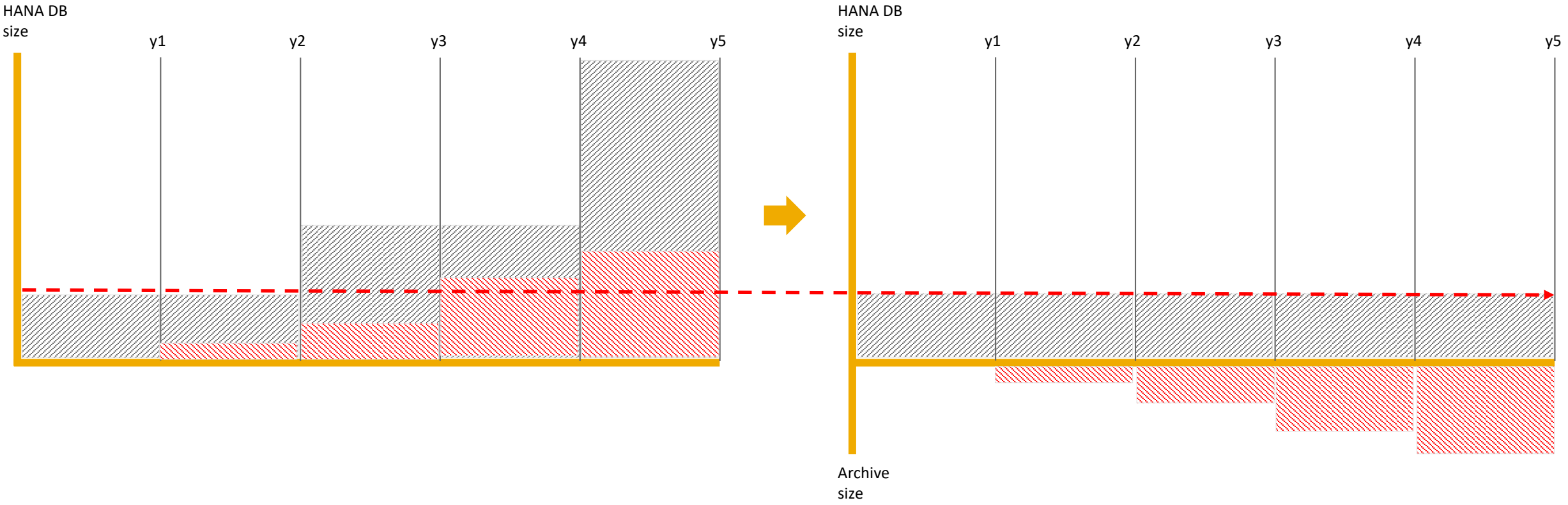
> Add HANA System capacity with “In-Memory Extension” SKUs

| Usage tier | System size | System Tier PRD and QA RAM (GB) | System Tier DEV RAM (GB) | Blocks needed for next system size tier |
|---|---|---|---|---|
| up to 550 FUE | XS | Up to 256 | Up to 256 | 1 |
| up to 1,000 FUE | S | Up to 512 | Up to 256 | 2 |
| up to 2,000 FUE | M | Up to 1,024 | Up to 256 | 4 |
| up to 4,000 FUE | L | Up to 2,048 | Up to 512 | 4 |
| up to 6,000 FUE | XL | Up to 3,072 | Up to 512 | 12 |
| above 6,000 FUE | XXL | Up to 6,144 | Up to 512 | 24 |
| - | 4XL | Up to 12,288 | Up to 1,024 | |

# All SAP Data does not require being in the database, and documents even less

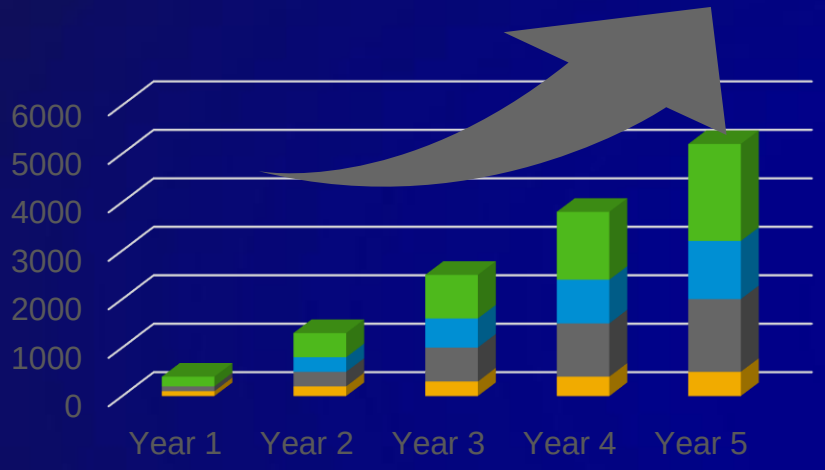


# Archiving allow you to manage database growth and overall expense



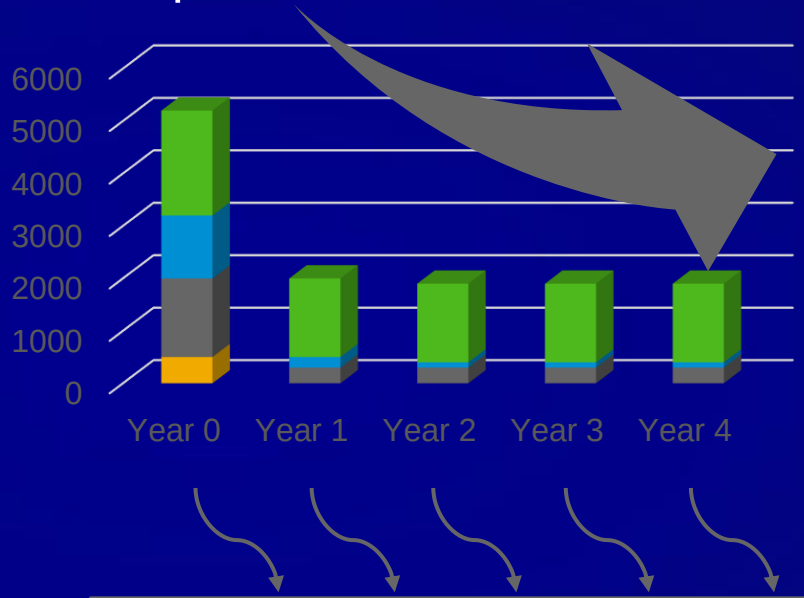
# Why do Something?

Typical SAP databases grow like this:




**Without Archiving**

We help achieve this:




**With OpenText Archiving**

## Benefits:

-Reduce monthly/annual charges for SAP RISE

- Avoid surprises with S/4 RISE = Predictable In Memory Extension growth and costs

-Optimize/Improve SAP performance

-Mitigate migration risks and reduce move costs

# Examples & Case Studies

# Client Profile:  Large International Manufacturer

- Long time user of SAP ECC
- Never archived data prior to move to RISE with SAP (open transactions)
- Initially planned on migrating 3 - 5 years of most current data to SAP S/4 HANA
- Initially planned on keeping legacy ECC system available for access when needed
- Now plans to move less data to S/4 and decommission the ECC system entirely
- Provide access to older data from archive

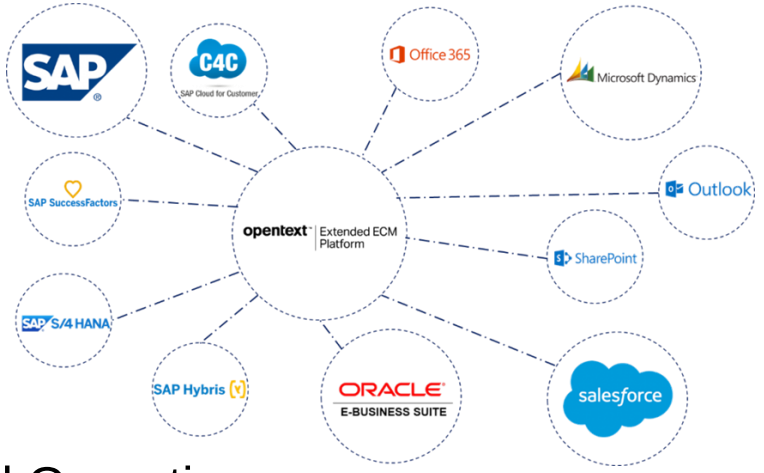
Benefits:

- Less data migrated to S/4 –reduction in operational costs
- Eliminate support costs of maintaining ECC post migration
- Able to apply retention to older data and eventually purge
- Reduce costs and risk associated with migration project

# Customer Profile: International Consumer Packaged Goods Mfg.

- $83B Consumer packaged goods company, 107K employees
- Very large SAP customer with operations in NA, EMEA, AISA and LATAM – Multiple ECC systems in each
- Generate an enormous volume of SAP transactions – archive to ADK after a few weeks/months
- Consolidate 13 SAP ECC, BW and DART system left behind after consolidation plus non-SAP
- Had attempted to install SAP ILM on two previous occasions
- Conducted huge POC as part of move to S4 HANA in EMEA, incl. bake off against SAP ILM again.
  - Accommodate users with different requirements – 7 InfoArchive applications
  - End users established success criteria
  - Moving forward to decommission four systems: approx. 20-23 additional TBs
- Potential to archive from production ADK files from S/4
- More non-SAP archiving

# Client Profile: Regional Utility Provider




- Moving from Oracle Financials to SAP
- Customer Service runs on SalesForce.com
- Plant operations runs on Maximo
- Wanted to extend certain financial information to Customer Service and Operations
- Implemented OpenText Extended ECM

Benefits:

- Set up archiving to control HANA growth
- Share Purchase Order, Work Order information between Customer Services, Plant Maintenance and Finance
- Reduced costs of SAP environment, and improved ongoing cost management
- Higher overall productivity and customer satisfaction

# Free Offer!

Database Assessment

# Results of Quick DB Analysis of SAMPLE SAP ECC*

| 30(5) Archiving Object |
|---|
| BC_DBLOGS |
| BC_E071K |
| BC_SBAL |
| CHANGEDOCU |
| CO_COSTCTR |
| CO_ITEM |
| CO_ML_BEL |
| CO_ML_IDX |
| CO_ORDER |
| COPA |
| FI_DOCUMNT |
| IDOC |
| LE_HU |
| MCSX |
| MM_ACCTIT |
| MM_EBAN |
| MM_EINA |
| MM_EKKO |
| MM_MATBEL |
| PP_BKFLUSH |
| PP_ORDER |
| PR_ORDER |
| PS_PROJECT |
| RL_TA |
| RL_TB |
| RV_LIKP |
| SD_VBAK |
| SD_VBRK |
| SD_VBRP |
| SD_VTTK |

| Top 5 Archiving Object |
|---|
| MM_ACCTIT |
| FI_DOCUMNT |
| MM_MATBEL |
| BC_DBLOGS |
| CO_ITEM |

| DB Size and Potential | | |
|---|---|---|
| Actual DB Size | 13300 | GB |
| Archiving Potential | 7920 | GB |
| Monthly growth (est.) | 143 | GB |

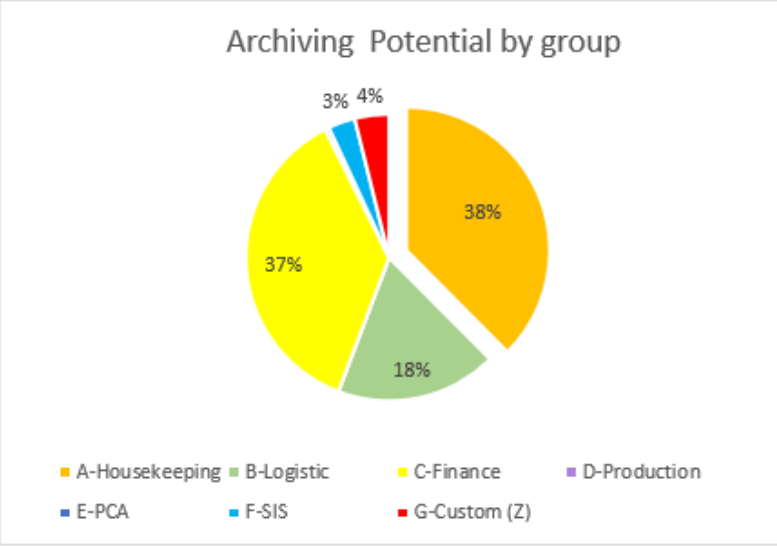
60%

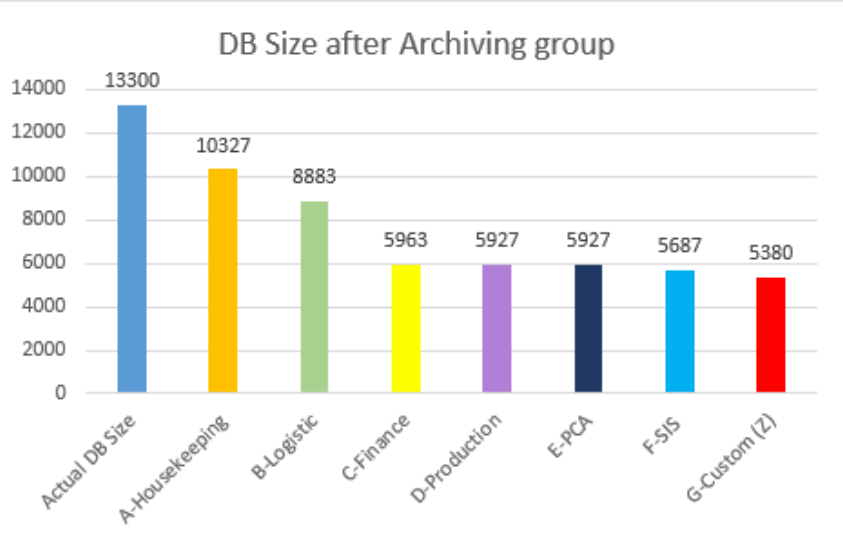
| | | |
|---|---|---|
| A-Housekeeping | 2973 | GB |
| B-Logistic | 1444 | GB |
| C-Finance | 2920 | GB |
| D-Production | 36 | GB |
| E-PCA | 0 | GB |
| F-SIS | 240 | GB |
| G-Custom (Z) | 307 | GB |

22%

| | | |
|---|---|---|
| Group A Storage | 874 | GB |

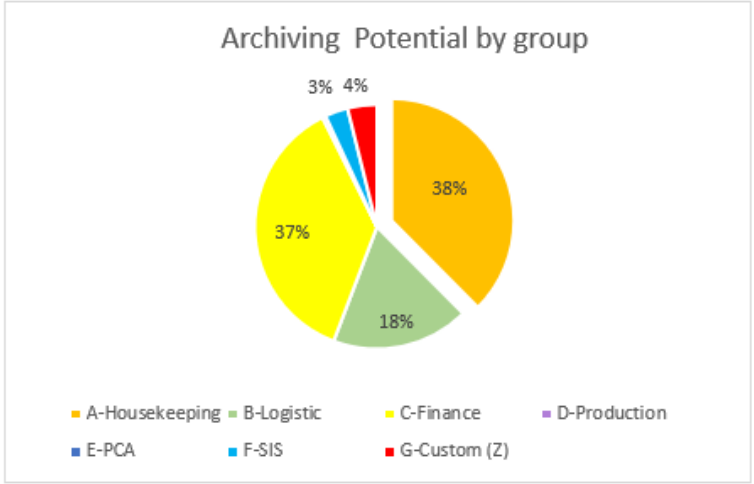
| Object | Descriptions | S/P |
|---|---|---|
| BC_DBLOGS | Archiving Changes to Customizing Tables | Store |
| BC_E071K | Archive E071K Keys | Purge |
| BC_SBAL | Archiving Object for Application Log | Store |
| IDOC | IDoc - Intermediate Document | Store |
| CO_ML_IDX | Index entries material document: Material Ledg | Purge |
| MM_ACCTIT | MM- Accounting interface posting data | Purge |



# Value and Likely Benefits of the Archiving Project to your Business and IT

- Reduce upfront and ongoing S/4 HANA costs
- Reduce internal costs with cloud archiving
- Eliminate support and maintenance of legacy ECC systems
- Enable information sharing across your enterprise
- Improve performance of the SAP systems, once large amounts of data are archived/purged

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# OpenText Can Help

Q & A

Thank you!