SAP Archiving: What's Old is New Again!

February 22, 2024

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:

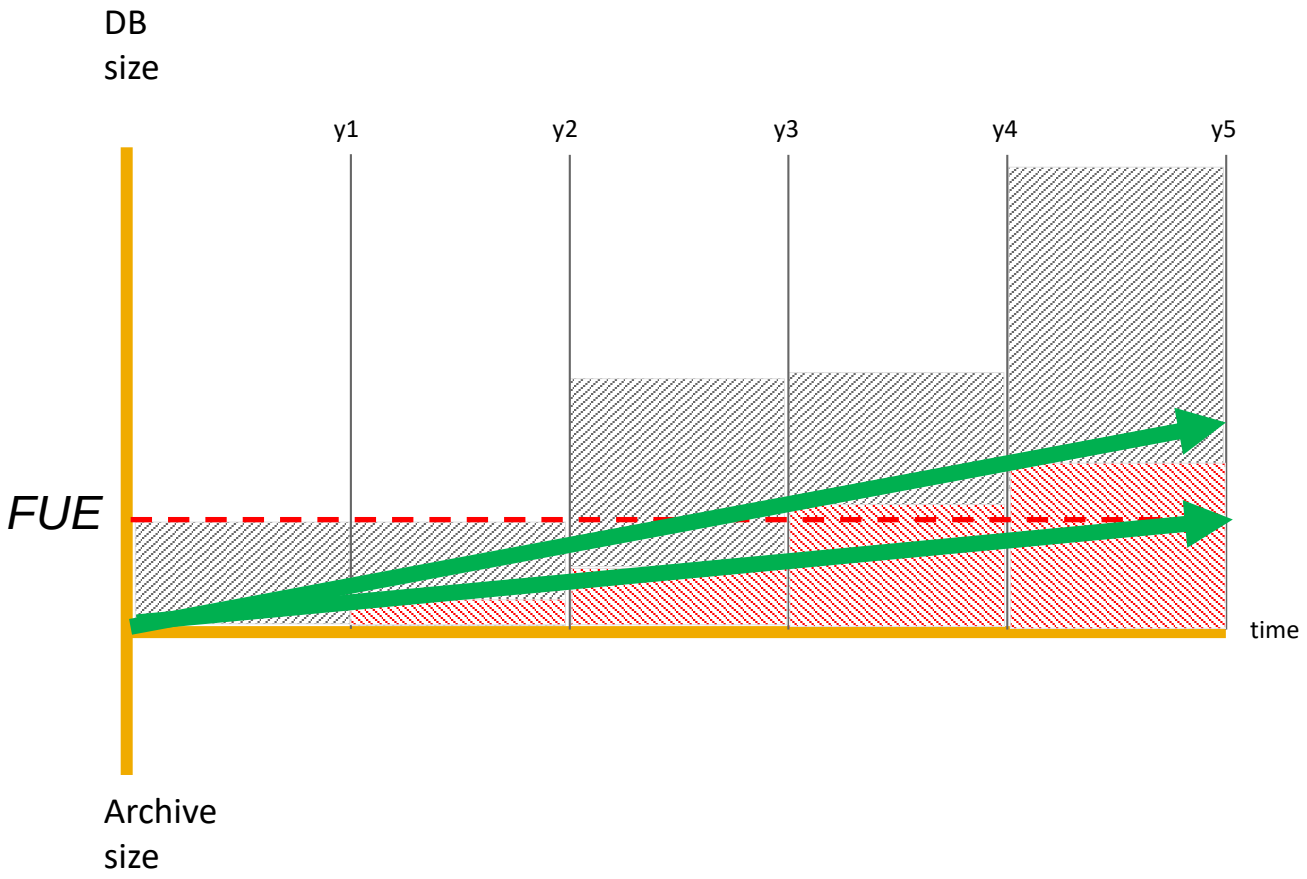
a. 1 FUE = 0.50 SAP S/4HANA Cloud, Developer Access;
b. 1 FUE = 1 SAP S/4HANA Cloud for advanced use;
c. 1 FUE = 5 SAP S/4HANA Cloud for core use;
d. 1 FUE = 30 SAP S/4HANA Cloud for self-service use.

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.

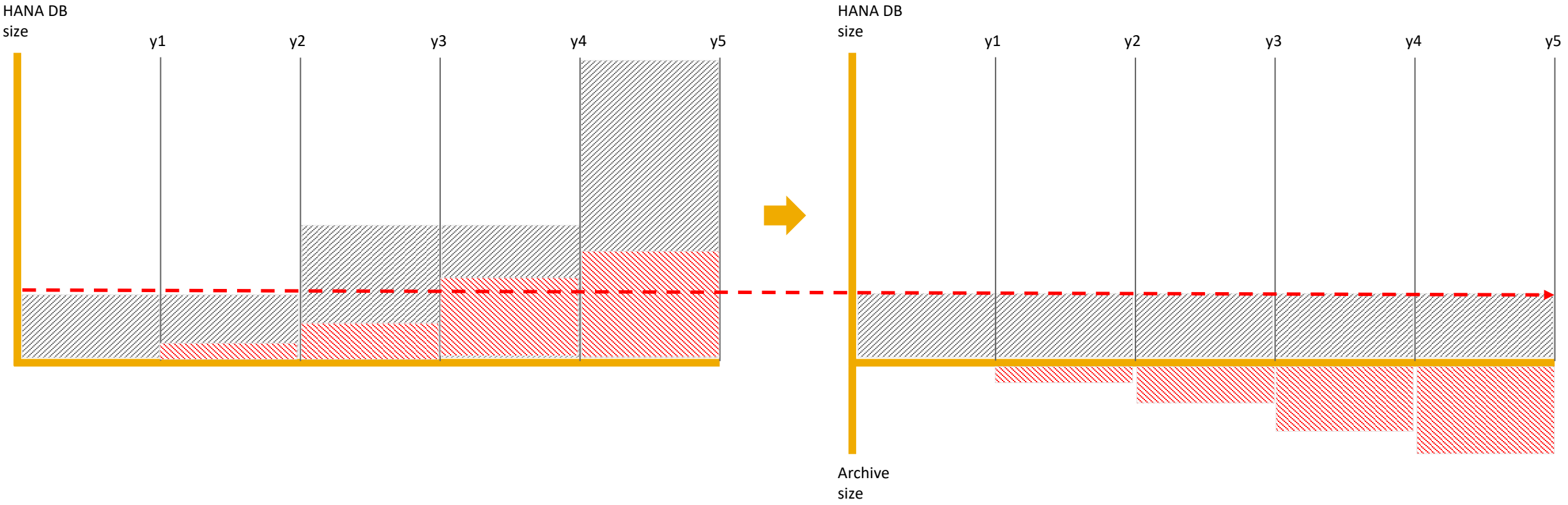
> Add HANA System capacity with “In-Memory Extension” SKUs

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

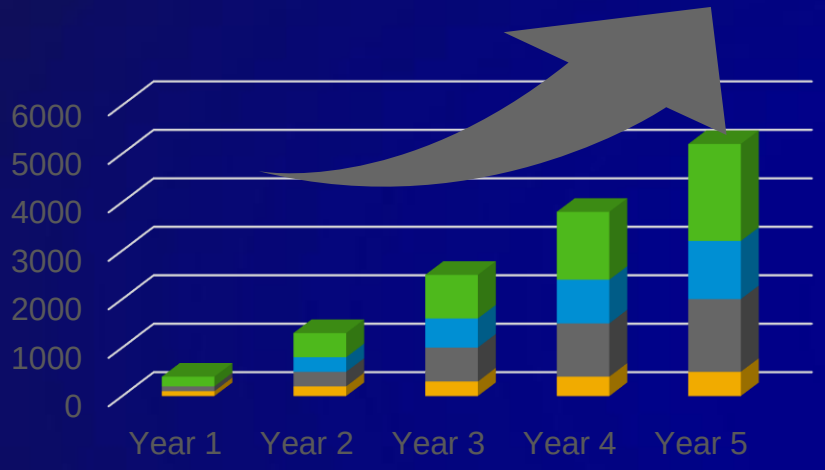


Archiving allow you to manage database growth and overall expense



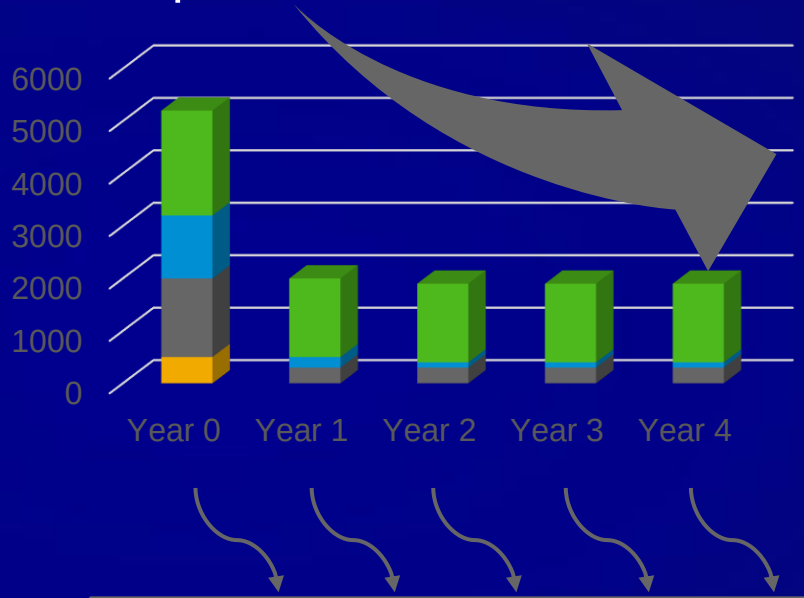
Why do Something?

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

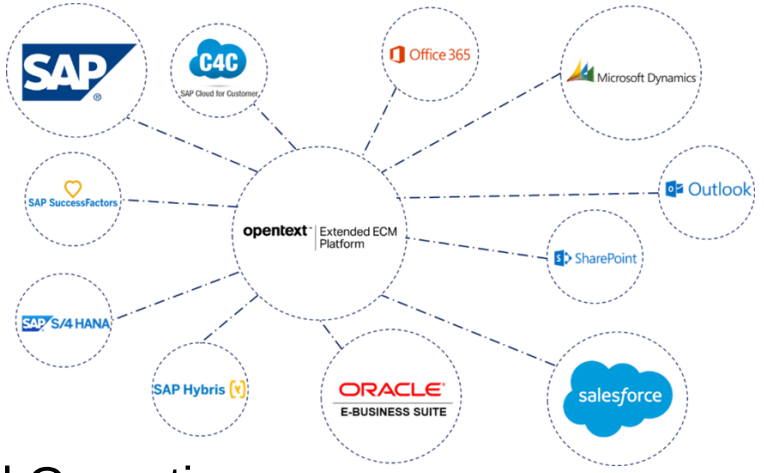
Benefits:

- 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

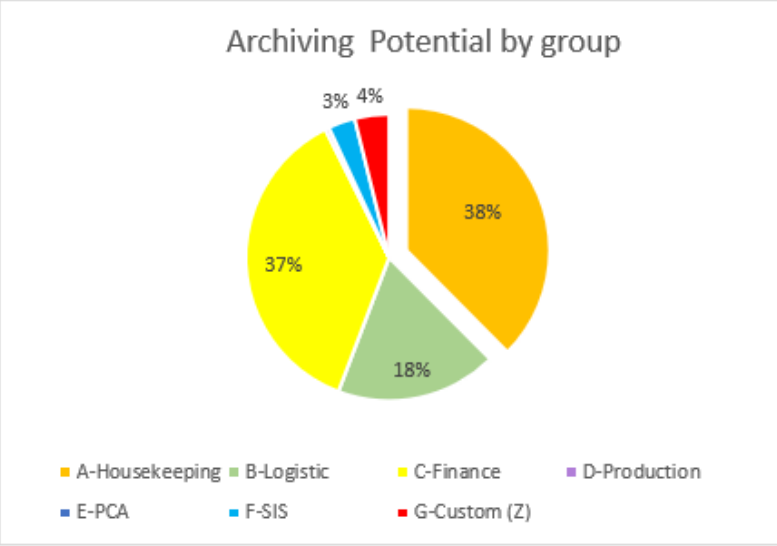
60%

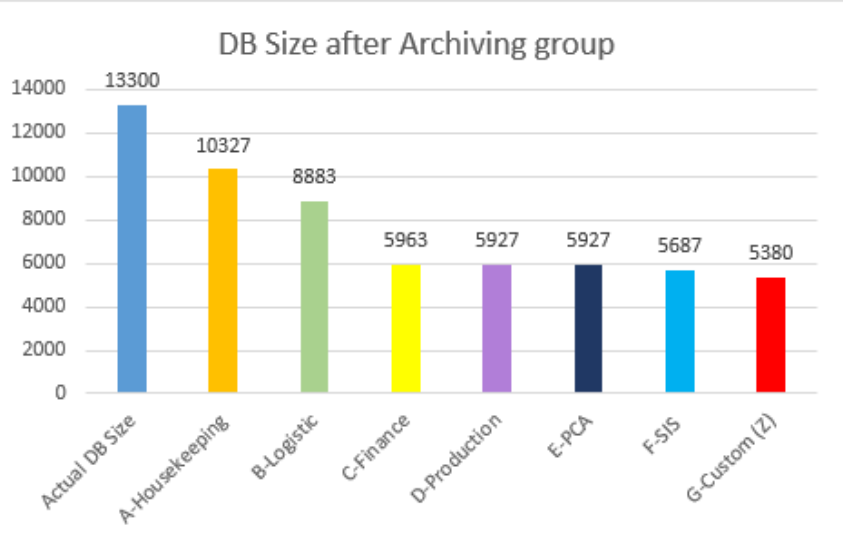
A-Housekeeping	2973	GB
B-Logistic	1444	GB
C-Finance	2920	GB
D-Production	36	GB
E-PCA	0	GB
F-SIS	240	GB
G-Custom (Z)	307	GB

22%

Group A Storage	874	GB

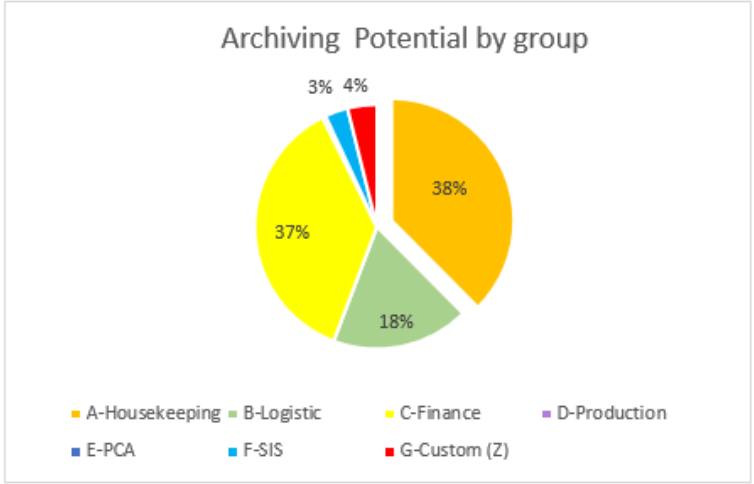
Object	Descriptions	S/P
BC_DBLOGS	Archiving Changes to Customizing Tables	Store
BC_E071K	Archive E071K Keys	Purge
BC_SBAL	Archiving Object for Application Log	Store
IDOC	IDoc - Intermediate Document	Store
CO_ML_IDX	Index entries material document: Material Ledg	Purge
MM_ACCTIT	MM- Accounting interface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

OpenText Can Help

Q & A

Thank you!