



2019

THE ICC, BIRMINGHAM  
1-3 DECEMBER

# Correctly Managing your SAP Data & Documents

## The Foundation of a Successful Intelligent Enterprise

### Tuesday, 3<sup>rd</sup> December 2019

ENGAGING MINDS | EMPOWERING SUCCESS

#UKISUGCONNECT

# SESSION GOALS

- **Managing Structured Data**
  - Why Bother ?
  - Analysing Data Volumes
  - Archiving Unused Data
  - Using ILM RM to Manage Lifecycle of Data
- **Managing Unstructured Data**
  - Why Bother ?
  - Types of data
  - Life cycle
  - Compliance
- **Moving to S/4 HANA**
  - Analysis Prior to Migration
  - Right Sizing
  - Case Study
  - Decommissioning
  - Bridging the Old & the New
- **SAP and Unstructured Data**
  - Standard
  - Other Options
- **Meeting Compliance Requirements**
  - GDPR Compliance
  - Other Requirements

# INTRODUCING PROCEED GROUP

- Mark Johnson  
VP ILM Technologies



- Paul Shakeshaft  
VP Content Solutions



Our experienced SAP consultants provide unrivalled knowledge of SAP data & document management services and solutions for businesses specifically using SAP.



We've successfully assisted over 600 customers across North America and Europe to:

- Improve business and IT performance
- Reduce costs (TCO)
- Increase return on investment (ROI)
- Assist with data compliance and regulations (GDPR)

# Managing Structured Data

Why bother?



# MANAGING STRUCTURED DATA - WHY BOTHER?

As SAP systems age they must manage ever increasing amounts of data. Ultimately database growth will slow the system down and reduce its ability to function efficiently

- As the SAP system fills up with data the time it takes to create new records increases. Reporting becomes a problem with many month end reports taking hours to run.
- The cost of keeping up with the Database growth can be expensive. More disk space and faster processors to cope with the performance degradation are key issues
- Daily backups can also be an issue as is the cost of hosting the infrastructure to provide a QA and PROD environment.
- SAP provides a solution to archive data by using a built in data archiving suite of programs managed through the transaction SARA.

## What's the risk of not taking action?

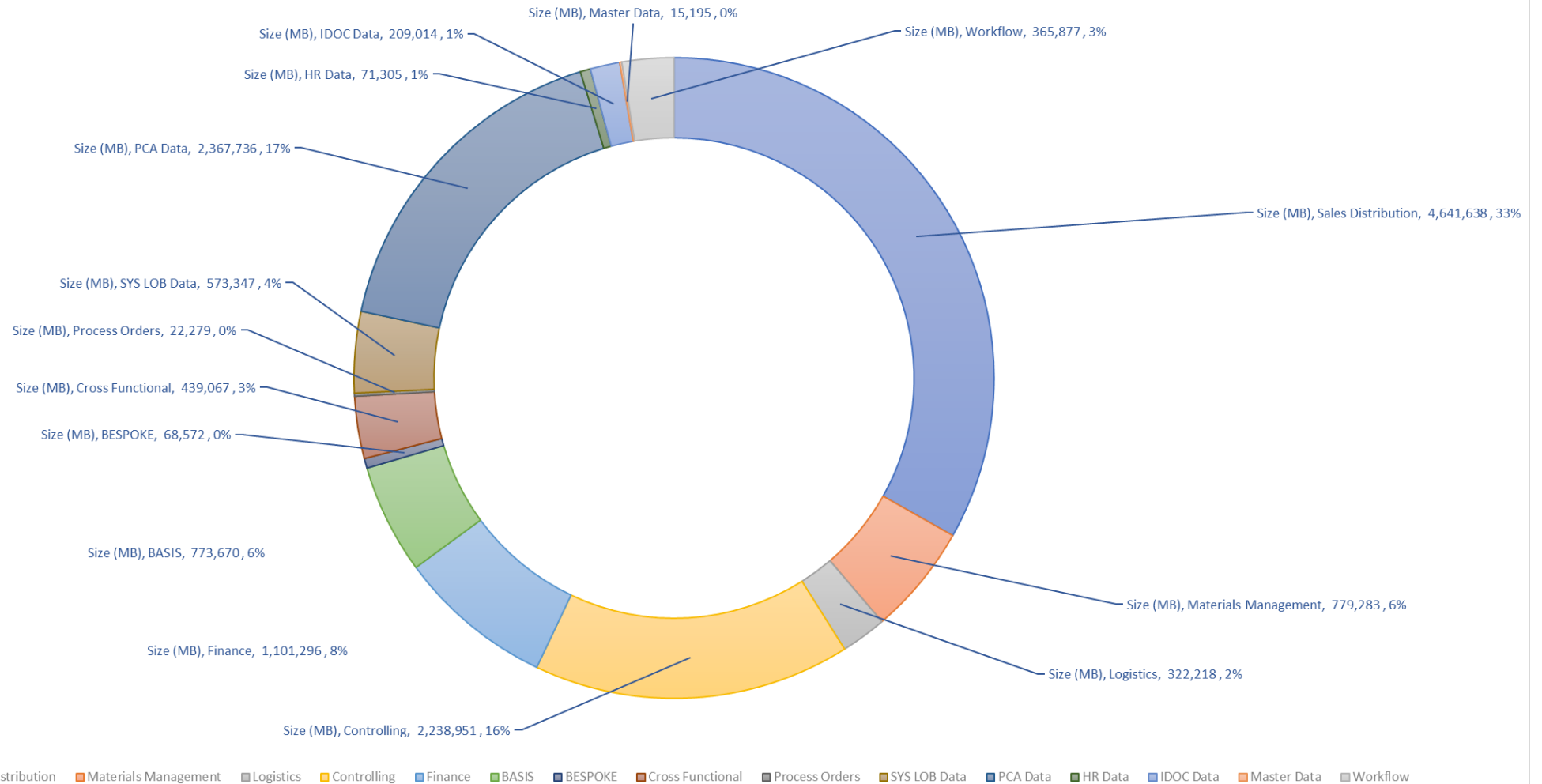
System performance is not a linear science, its difficult to predict exactly when the SAP system will hit the performance wall and require archiving. Every SAP system is different, but the biggest risk is hitting the performance issues with little prior warning.

The safest approach is to ensure that a data archiving strategy is already in place and that SAP best practice is followed.

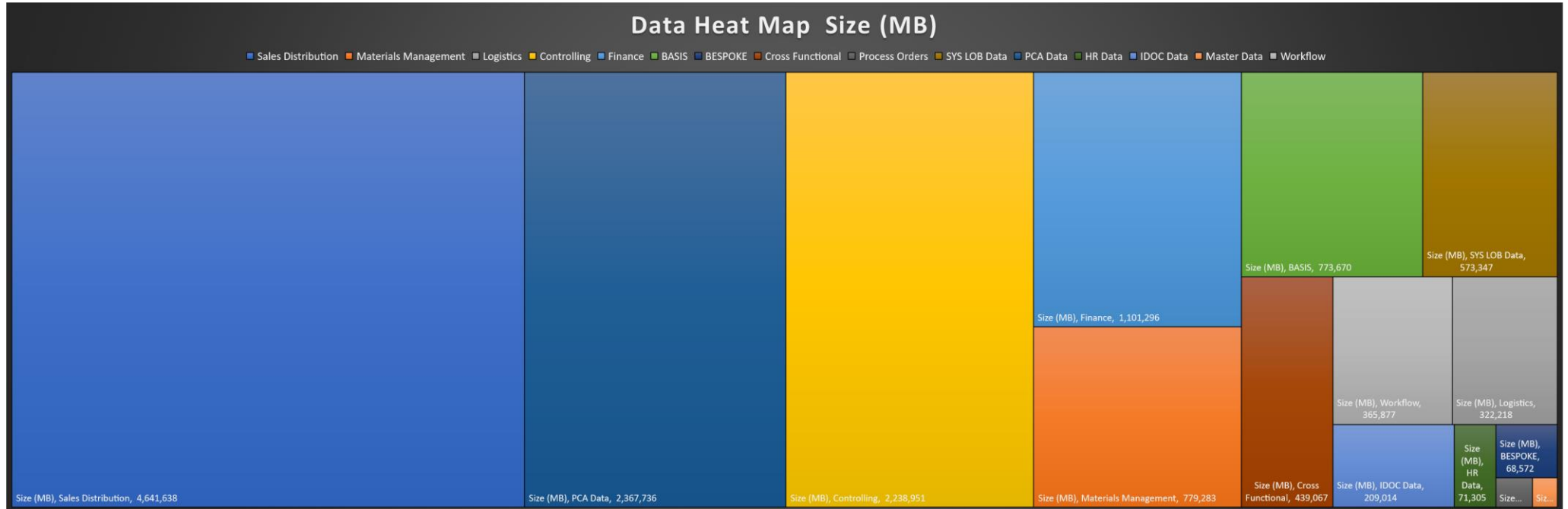


# MANAGING STRUCTURED DATA - ANALYSING DATA VOLUME

2019 Distribution of Data Within the Database (MB) Current Size 14 TB



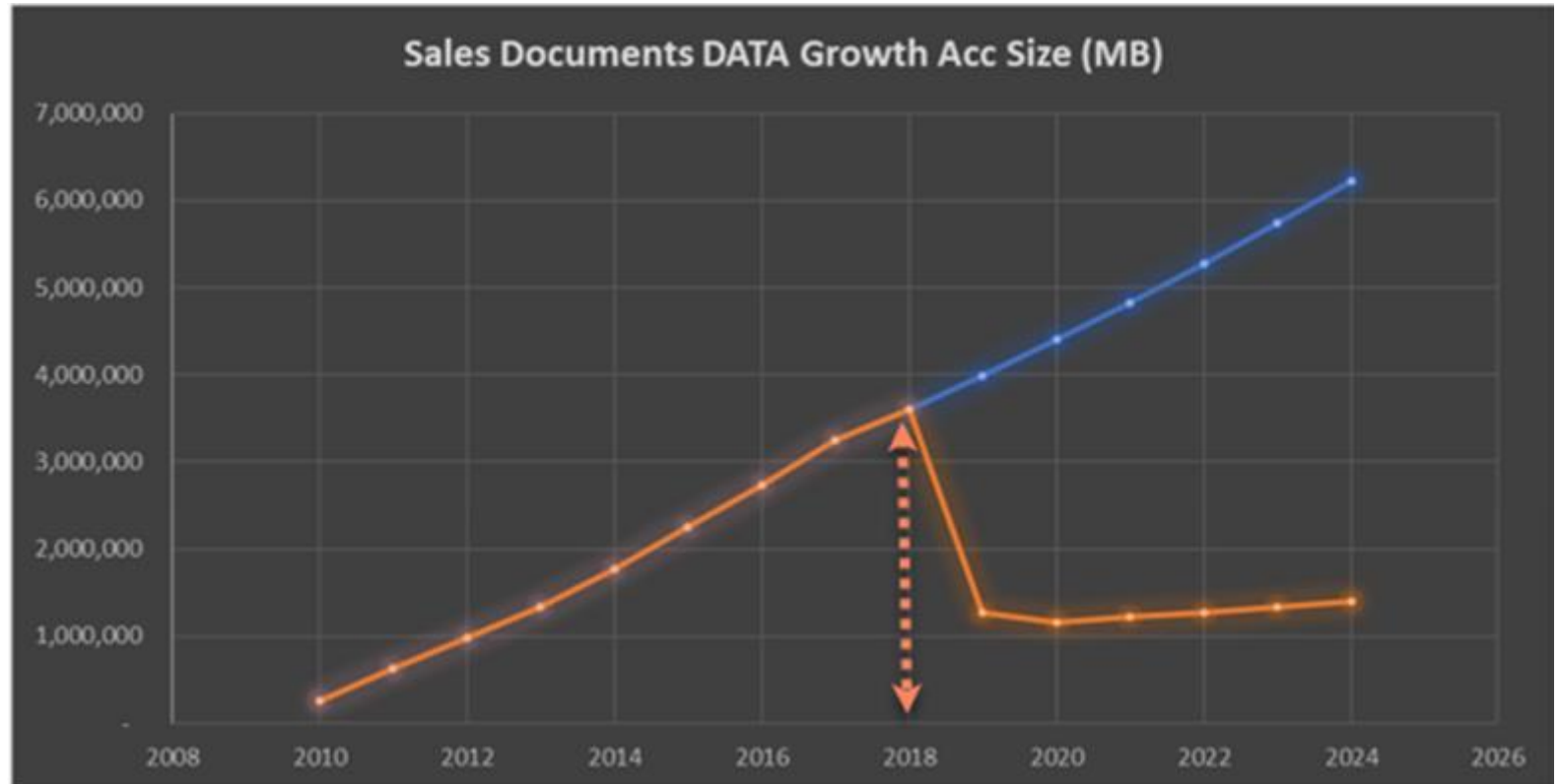
# MANAGING STRUCTURED DATA - ANALYSING DATA VOLUME



# MANAGING STRUCTURED DATA - ANALYSING DATA VOLUME



## Archiving Object for Sales Documents (SD\_VBAK)

- As of August **2019**, there is a total of **3.9TB** of data for this document type
- This will grow to **6.2TB** by **2024** if no archiving is in place
- If archiving is in place this data will be limited to a growth of **1.4TB** by **2024**
- Analysis of the distribution of the top tables associated with sales documents data by archiving object is illustrated in the table on the next slide





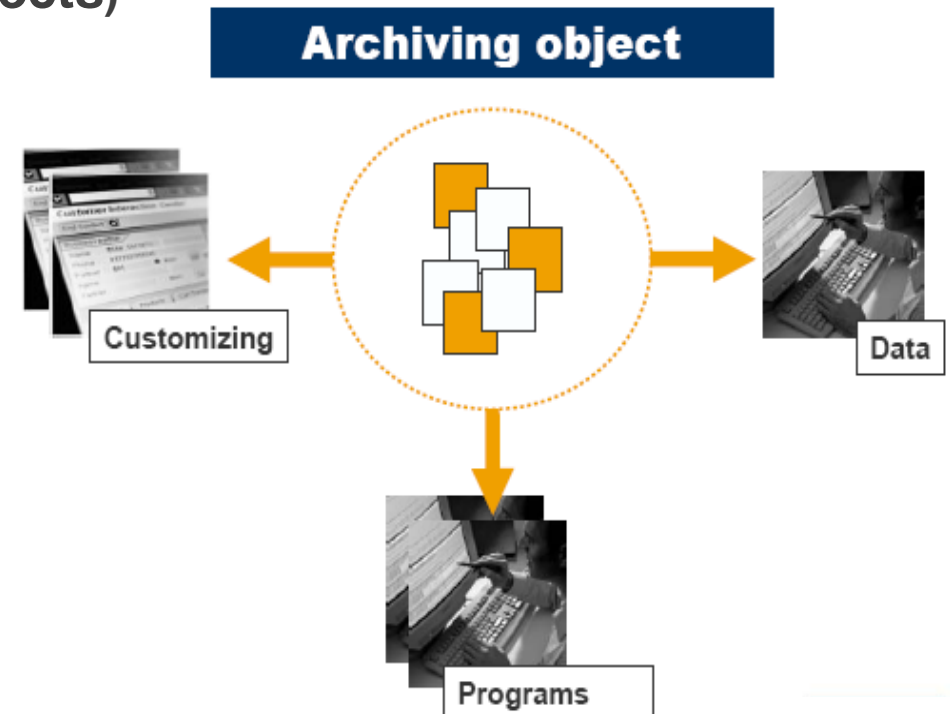
# MANAGING STRUCTURED DATA - ANALYSING DATA VOLUME

		 <b>SD VBAK (Sales Docs)</b> 				<b>Potential Initial Reduction from</b>			
						MB	MB		
						3,691,634	TO 959,096		
						3,691,634	448,333		
<b>Total</b>	<b>Size MB</b>	3,691,634	<b>Size Table Data (MB)</b>		2,114,357				
<b>Per Rec.</b>	<b>Size MB</b>	0.2665291	<b>Size Index Data (MB)</b>		1,577,277				
<b>No Records July 2019</b>		13,850,772							
		Year	No. of Entries	Acc No. Entries	Size MB	Acc Size (MB)	Annual Growth (MB)	Size with Ongoing Archiving (MB)	
		2024	1,845,143	23,379,175	491,784	6,231,231	23,418.30	1,406,213	
		2023	1,757,279	21,534,032	468,366	5,739,446	22,303.14	1,339,251	
		2022	1,673,599	19,776,753	446,063	5,271,080	21,241.09	1,275,477	
		2021	1,593,904	18,103,154	424,822	4,825,018	20,229.61	1,214,740	
		2020	1,518,004	16,509,250	404,592	4,400,196	19,266.29	1,156,895	
<b>PROJECTED 2019 Total</b>		2019	1,445,718	14,991,247	385,326	3,995,604	18,348.85	1,263,065	
		2018	1,376,874	13,545,529	366,977	3,610,278	(143,785.53)	3,610,278	
		2017	1,916,348	12,168,655	510,763	3,243,301	25,168.61	3,243,301	
<b>Recommended Initial Archive up to 2016</b>		2016	1,821,917	10,252,307	485,594	2,732,538	6,726.13	2,732,538	
		2015	1,796,681	8,430,390	478,868	2,246,944	43,410.93	2,246,944	
		2014	1,633,806	6,633,709	435,457	1,768,077	88,383.72	1,768,077	
		2013	1,302,196	4,999,903	347,073	1,332,620	(7,551.30)	1,332,620	
		2012	1,330,528	3,697,707	354,624	985,547	(24,944.46)	985,547	
		2011	1,424,118	2,367,179	379,569	630,922	128,215.70	630,922	
		2010	943,061	943,061	251,353	251,353	251,353.21	251,353	

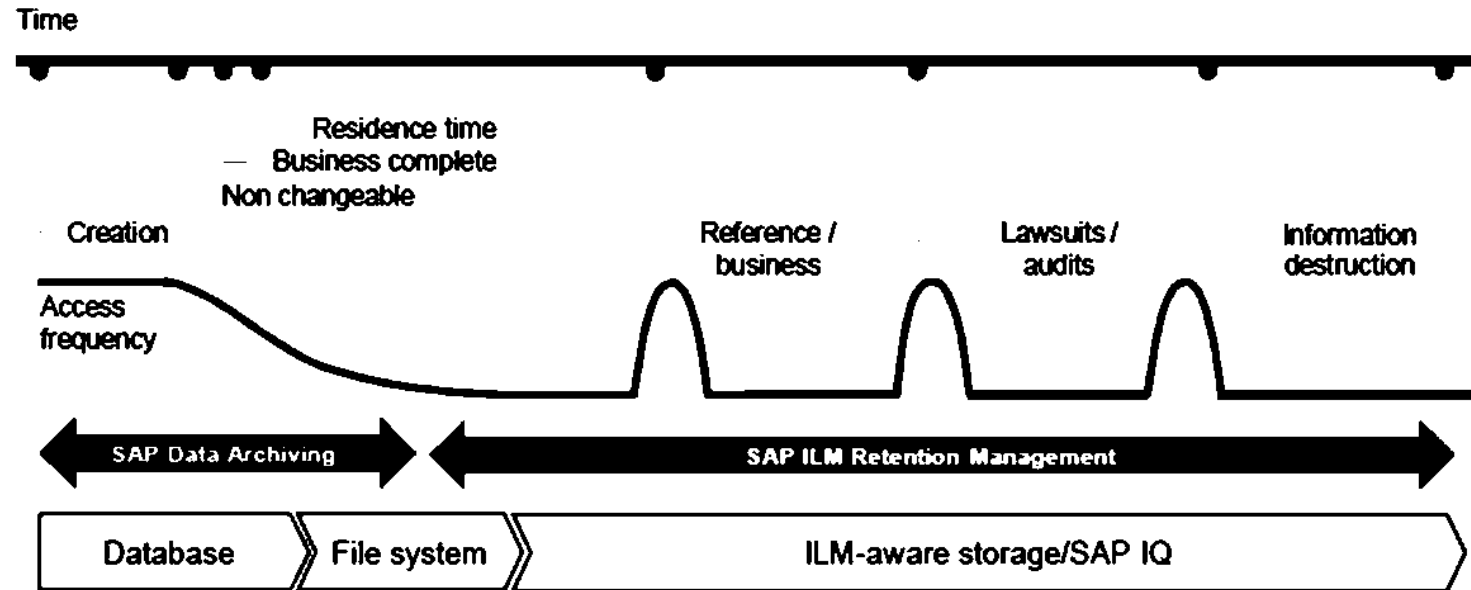
# MANAGING STRUCTURED DATA – HOW TO ARCHIVE

## Using SAP ILM Archiving Objects (2,100 objects)

- Definition of logically related business data
- All programs required for archiving – such as formatting routines, read, write and delete programs
- Definition of required Customizing settings



# MANAGING STRUCTURED DATA - USING ILM RM\*



- Set of residence times (time data needs to be kept online in your database)
- Retention time (time data needs to be kept in your archive)
- Destruction date (date on which data get physically destroyed in your archive)
- Exception handling through legal case management (data is prevented from getting destroyed even if your retention date is expired)

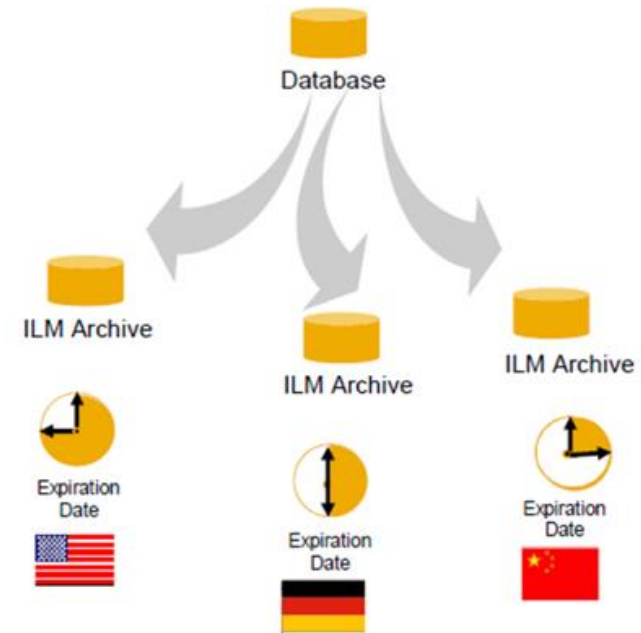
\*SAP ILM Retention Management

# MANAGING STRUCTURED DATA

## USING ILM RETENTION MANAGER

- Set up and manage retention policies
- Store and retain data immutably according to applied policies
- Data destruction
  - From archive
  - From Database
- Perform e-discovery and apply legal holds

Policy Category Retention Rules		Object Category SAP Business Suite		ILM Object HR Absences			
Obj Grouping	To	EE group	To	Min. Retention Dur.	Max. Retention Dur.	Time Unit Ret. Dur.	Time Ref.
01				2	3	Year	End of Year



## MANAGING STRUCTURE DATA - KEY POINTS

- Data once archived can be retrieved by some SAP transactions seamlessly
- ILM provides the solution to manage data that is archived and eventually deleted
- Any archived data must be business complete
- Data has to be archived in the correct sequence

# Managing Unstructured Data



# MANAGING STRUCTURED DATA – CASE STUDY

- **Client**

- Large UK Energy Company
- SAP S/4HANA

- **Scope**

- Purchase to Pay
- Order to Cash
- Plant Maintenance
- SAP Users
- Fiori Apps

- **Objects**

- Fast access to documents
- Documents stored and accessible from related business data



- **Solution**

- Document attachments to SAP objects
  - Materials Masters
  - Vendors
  - Customer
  - Equipment's Masters
  - PM Orders
  - Invoices
  - Billing Documents
- Scanned / OCR Invoice Documents
- Direct attachment of email attachments
- Workflow documents

# MANAGING UNSTRUCTURED DATA - WHY BOTHER?

As businesses grow they must manage increasing unstructured data growth

- Regulations require more documents to kept and managed
- Internal and External audits require more information to be kept
- Data can only be used for the purpose it has been collected

What's the risk of not taking action?

- Data is not disclosed or destroyed when required
- The business can be fined for loss, unauthorised disclose or misuse
- Data will become isolated, lost or unused increasing the risks
- Access to data needs to be restricted to user who still require access





# MANAGING UNSTRUCTURED DATA - TYPES OF DATA

- **Business documents**
  - Invoices, orders, contracts, etc.
- **Sound files**
  - Phone recordings
- **Videos**
  - Training and Marketing videos
- **Physical documents**
  - Paper documents



# MANAGING UNSTRUCTURED DATA – LIFECYCLE

## Capture

- Electronic documents
- Scanning
- Indexing
- Selection/Rules

## Usage

- Location and viewing
- Updates
- Reference data

## Destruction

- Data
- Index
- Redaction
- Legal Holds

# MANAGING UNSTRUCTURED DATA – COMPLIANCE

- **Data needs only be kept if there is a requirement for it**
  - Business requirement
  - Regulation requirement
- **Redaction**
  - Some data in the document is required but other parts need to be redacted before being shared or used
- **Destruction**
  - Data needs to be destroyed when it is no longer required
  - Legal hold, is required to prevent destruction if the data is part of legal/audit cases

# Moving to HANA and S/4 HANA

Reducing migration and project costs



## RIGHTSIZING HANA – WHY IS IT IMPORTANT?

- Not spending money on appliances that are not needed
- Getting the sizing right first time
- Reducing migration times
- Ensuring you don't grow too quickly on the new platform
- Your best opportunity of getting the business to buy into data management

## RIGHTSIZING HANA – WHY IS IT IMPORTANT?

- With HANA you get some fantastic compression ratios
- 1TB of tables in Oracle will compress in HANA to between 200GB - 150GB depending upon which tables
- Some tables vanish completely
- **SAP Note 1872170** shows memory and disk requirements for Business Suite
- SAP provides many tools to enable customers to size HANA, here is the link to one of them: <https://websmp109.sap-ag.de/quicksizer>

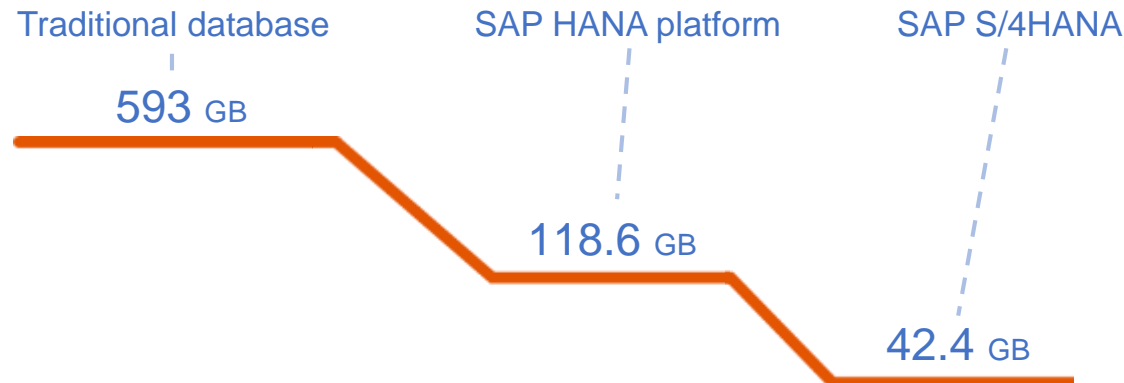
# SAP S/4 HANA MASSIVELY REDUCES COMPLEXITY IN IT LANDSCAPES

## SAP S/4HANA with Aggregates and indexes

BKPF	ABSEGGA	BSIS	BSIK	BSET
LFC1	GLT0	COBK	COEP	COSP

## SAP S/4HANA with Logistics Aggregates and indexes

MSEG New	Master Data	MSTB	MSKU	MSSQ	MSSA	MSKA	MARDH	MKOL	MSTBH
MKPF	MARD	MSTQ	MSPR	MSTE	MSLB	MCHB	MSKAH	MCHBH	
MSTQH	MSLBH	MSTEH	MSKUH	MARCH	MSPRH	MKOLH	MSSQH	MSSAH	



- Simplified data model
- Semantically rich data model
- Drop performance workarounds
- Keep all information

# SAP DATA RIGHTSIZER TOOL FROM PROCEED

Software developed by Proceed which is installed on customers ECC6 system to analyse data to give '**What if**' scenarios on:

- What is the minimum size I can get my database to, if I delete and archive
- I have a 'specific size' SAP HANA appliance what do I need to delete and/or archive to create a comfortable fit
- If I delete only Basis tables what size appliance will my data fit
- What sequence to archive and/or delete would be the quickest
- What can be deleted?
- What are the easiest tables to archive
- What archive objects to use
- What is the minimum size I can get my database if I only delete



***Once the 'best fit' has been decided for the 'RightSizer' analysis a blueprint is created on what needs to be completed. This automated process speeds up the analysis phase by up to 80% compared to doing it manually!***





## CASE STUDY

- One of the Worlds largest brewer
- 21 Billion euros revenue 2014
- 1.7 Billion euro profit
- 165 breweries in over 70 countries
- Employ in excess of 90,000 people



## CASE STUDY

- SAP Landscape
- In excess of 300 productive SAP Servers
- Most on ECC6 and BW 7
- Most use Oracle
- Looking to rationalise onto smaller number of servers
- HANA employed for some BW systems
- Looking towards HANA for larger businesses – reasons
  - Reduction in Hardware Costs
  - Complexity of landscape
  - Month end closing issues – takes up to 15 days to close



## CASE STUDY - POC

- Given a copy of one of their larger ECC6 systems – 21TB
- System had been running since 1999
- No data management done
- So in this landscape 1 full copy for DR, Pre Prod, ½ size copies for 2 X QA, Dev and Test
- Full suite FI/CO, SD, MM, PP, WM, QM
- Given a 1TB Hana box sandpit box



## CASE STUDY - ANALYSIS

- Analysed the ECC6 system in GB's
- Calculated what this would be on HANA 3.7TB
- We needed to get 21TB down to 5.6TB

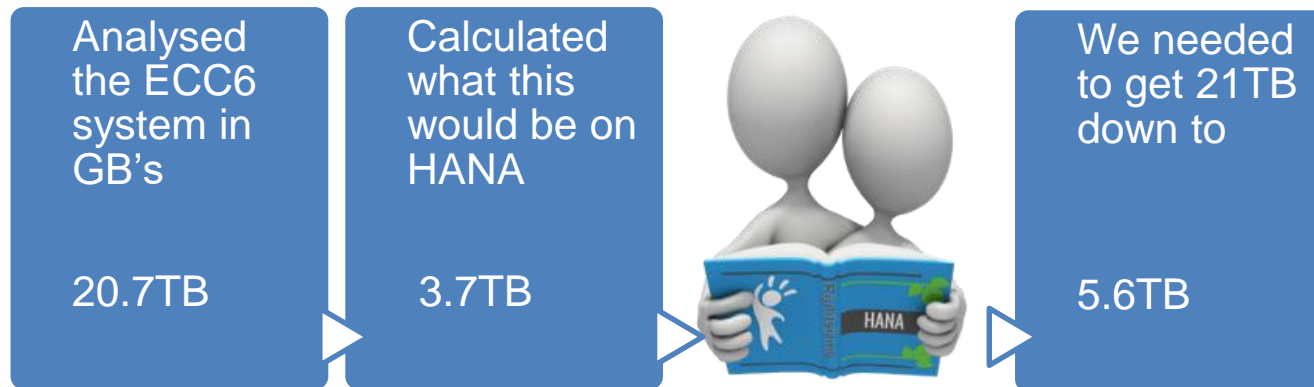


Table	Size
Basis	9,210
Bespoke	232
FI/CO	7,210
LO	421
MM	788
PP	475
QM	27
SD	1,729
Various	648
Total	20,739

## CASE STUDY – WHAT WE DID

- Installed Open Text Archive Server
- Moved 2.2TB of SAP Office to OpenText
- Installed SAP ILM using Sybase IQ
- Deleted 2.6TB data more than 10 years old
- Archived 11.1TB to ILM and moved archive indexes to Sybase
- Calculated what was left on ECC6 to HANA 512GB
- Migrated data to HANA in 38 hours using Database Migration Option (DMO)

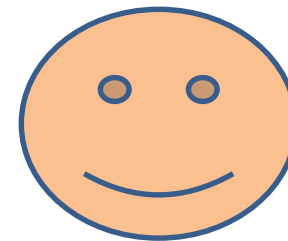


**Project Completed in less than 6 months**

# DECOMMISSIONING AFTER S/4 HANA MIGRATION

- Most S/4HANA implementations are **Green Field**
- The project usually moves over the smallest amount of data
- It takes a lot of time, effort and cost to move data across so its often left behind

**No One is Using it Right ?**



# DECOMMISSIONING AFTER S/4 HANA

What People See

What People Don't See



Legal Requirements



Licence Costs



Reporting Requirements



Hosting Costs



User Requirements



Hardware Refresh Costs



## DECOMMISSIONING AFTER S/4 HANA

What People See

What People  
Don't See

TCO  
&  
RISK

Consider Total Cost of Ownership and the Risk of not being able to access your data.

# DECOMMISSIONING AFTER S/4HANA

## Solutions

How do we choose the right Solution

### The Amount of Data to be Archived

Is a defining factor in selecting the best solution, for example, if there is a large amount of data and it is not used on a day to day basis then long term archiving via ADK is a favourite strategy.

### Reporting Requirements

If the data is regularly used to report from then there is a driving need to have this data hosted in a dynamic reporting environment such as SAP BI or Accelerate for SAP.

### Retention Policy

How long data must be retained as well as the strategy for dealing with this data once it has passed the time must be considered.

### Solution Options

SAP ILM Retention Warehouse provides a set of functionality capable of decommissioning a legacy ERP system.

Reporting is provided by using either SAP BI, Accelerated Reporting, Moving the data into a HANA database BOBJ or Accelerate for SAP.

This solution provides balance between long term deep freeze storage and reporting functionality.



# DECOMMISSIONING AFTER S/4 HANA

## Solution SAP ILM RW Introduction

### Decommissioning Process

Data is extracted from the legacy system using System Landscape Technology.

Once extracted it is subsequently archived using enhanced archiving objects into the ILM Retention warehouse

### Reporting

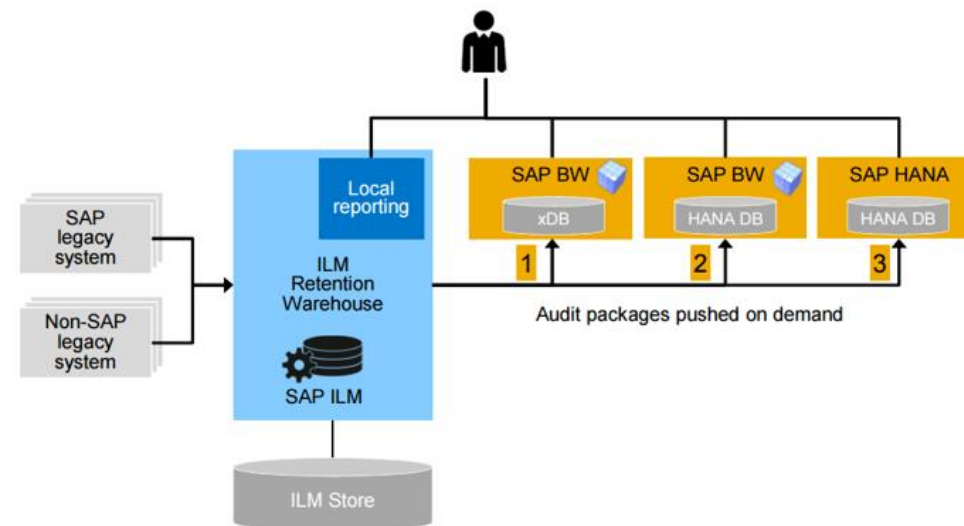
Reports that are required need to be created either using ABAP report writer tools or by creating BW queries.

When a report is called the data must first be extracted from the SAP ILM Retention Warehouse

### Solution Architecture

ILM Retention Warehouse runs on a dedicated NetWeaver technology stack and requires an associated relational database.

If SAP BW is being used for reporting then a BW landscape is required



# DECOMMISSIONING AFTER S/4 HANA

## Solution SAP ILM RW Reporting

### Reporting Solution Architecture

Reporting from decommissioned data starts with the data required being assigned to an **Audit Area**. This establishes what data could be requested from the archive for reporting purposes.

The Audit area ensures that the correct archive data is retrieved from the archive files. Once the archive data is retrieved it is available within the package of data to be sent to whatever reporting application is to be used.

The package of data is converted into distinct SAP data infocubes, or database tables depending on which reporting method has been configured.

### Reporting using SAP ILM Retention Warehouse



# DECOMMISSIONING AFTER S/4 HANA

## Bridging the Old & the New Data

### Data Bridge

Data Bridge has been developed to help customers who have decommissioned their old SAP landscape after moving to a new implementation of SAP.

Most companies use this opportunity to implement organisational change which results in new chart of accounts and changes to key data fields.

Data bridge enables mapping tables to be used between the old and new world SAP system which enables decommissioned data to be queried in the new system with the new world view.



# SAP and Unstructured Data Options



# SAP AND UNSTRUCTURED DATA – SAP STANDARD

- **Documents Attachments**
  - Attached to most SAP Business transactions
  - No configuration required
  - Stored in the SAP database by default
  - Only viewable within SAP
- **Business Documents**
  - Attached to most SAP Business transactions
  - Requires configuration
  - Only viewable within SAP
  - Requires external content server to store the documents
- **SAP FIORI apps**
  - Application specific functionality
- **SAP DMS**
  - Full document management solution
  - Integrated into SAP PLM
  - Requires configuration
  - Windows desktop client or SAP access
  - Requires external content server to store the documents
- **Document Storage specific SAP Applications**
  - CRM
  - SRM
  - Fiori
  - Setup varies by application components

# SAP AND UNSTRUCTURED DATA – ATTACHMENTS

The screenshot displays the SAP GUI interface. The main window is titled "Display Document: Data Entry View". A context menu is open, showing the "Create..." option selected, with a sub-menu containing "Create Attachment", "Create note", "Create external document (URL)", "Store business document", and "Enter Bar Code". A red arrow points from the "Create Attachment" option to a file selection dialog box titled "Import file".

The "Import file" dialog box shows the "Look in:" field set to "SAP GUI". The file list contains the following entries:

Name	Date modified	Type
<input checked="" type="checkbox"/> ALTMP_PG2_1.BIN	22/08/2019 15:42	BIN File
<input type="checkbox"/> ALTMP_PG2_2.BIN	22/08/2019 15:43	BIN File
<input type="checkbox"/> ALTMP_PG2_3.BIN	23/08/2019 10:24	BIN File

The "File name:" field is set to "ALTMP\_PG2\_1.BIN" and the "Files of type:" field is set to "All Files (\*.\*)". The "Open" button is visible.

In the background, a table is visible with the following data:

CoCd	Item	PK	S	Account	Description	Amount	Curr.	Tx	Cost Center	Order
0001	1	40		100000	Petty cash	12.00	DEM			
	2	50		399999	Inventory taking	12.00	DEM			



# SAP AND UNSTRUCTURED DATA – ATTACHMENTS

The screenshot displays the SAP 'Display Document: Data Entry View' window. A context menu is open over the document, with 'Attachment list' selected. A red arrow points from this menu item to a secondary window titled 'Service: Attachment list'. This window shows a table of attachments for document 'AttachmentFor000101000000001995'. The table lists three items: 'PDF Invoice (ZR00)', 'Sample Document', and another 'Sample Document', with their respective creation dates.

CoCd	Item PK	S...	Account	Description
0001	1	40	100000	Petty cash
	2	50	399999	Inventory taking

Title	Creator Name	Created On
PDF Invoice (ZR00)		31.12.2015
Sample Document		
Sample Document		30.12.2015

# SAP AND UNSTRUCTURED DATA – BUSINESS DOCUMENTS

- **Configuration**

- Configure Viewing (OAG1)

Display Settings

<b>Windows Viewer Settings</b>	<b>Viewer Settings WEBGUI</b>
<input type="checkbox"/> Include ECL Control	<input type="radio"/> Use HTML Control
<input checked="" type="radio"/> Use HTML Control	<input checked="" type="radio"/> Call Internet Browser
<input type="radio"/> Call Internet Browser	
<input checked="" type="checkbox"/> Deactivate Generic Object Services in Viewer	
<input type="checkbox"/> Doc Display as Dialog Box	
<input checked="" type="checkbox"/> Deactivate Data Provider Cache	

- Create Content Repository (OAC0)

Content Rep. CI Active 43 / 137

Description Test Open Text Import

Document Area [Dropdown]

Storage type HTTP content server

Version no. 0046 Content Server version 4.6

HTTP server 192.168.2.201

Port Number 1090 SSL Port Number [Field]

HTTP Script contentserver/ContentServer.dll

CS Admin

- Assign Content Repository to Business object (OAC3)

BKPF	ZDL_DOC	X 01	TOA01	0
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# SAP AND UNSTRUCTURED DATA – BUSINESS DOCUMENTS

The screenshot displays the SAP Document Manager interface. The main window is titled "Display Document: Data Entry View". A context menu is open, showing options such as "Create Attachment", "Create note", "Create external document (URL)", "Store business document", and "Enter Bar Code". A red arrow points to the "Store business document" option. Below the menu, a table shows document details:

CoCd	Item	PK	S.	Account	Description	Amount	Curr.	Tx	Cost Center
0001	1	40		100000	Petty cash	12.00	DEM		
	2	50		399999	Inventory taking	12.00	DEM		

Below the table, there are fields for "Fiscal Year" (1995) and "Period" (6). A secondary window titled "Archive from Frontend" is open, showing a "Scenario" of "Assign then Store" and a list of "Document Type" options, including "Accounting document", "Incoming credit memo", and "PDF Invoice". A "Drag & Drop" area is also visible.

# SAP AND UNSTRUCTURED DATA – BUSINESS DOCUMENTS

The screenshot shows the SAP Document Data Entry View interface. A red arrow points from the 'Attachment list' option in the left-hand menu to the 'Attachment list' pop-up window. The pop-up window displays a table of attachments for the document 'AttachmentFor000101000000001995'.

Title	Creator Name	Created On
PDF Invoice (ZR00)		31.12.2015
Sample Document		
Sample Document		30.12.2015

The background interface shows the following data:

Company Code	Fiscal Year
0001	1995

Posting Date	Period
06.06.1995	6

CoCd	Item PK	S...	Account	Description
0001	1	40	100000	Petty cash
	2	50	399999	Inventory taking

# SAP AND UNSTRUCTURED DATA – SAP DMS

- Configure Document Type (DC10)

The screenshot shows the SAP configuration dialog for Document Type (DC10) for document type DMO. The dialog is divided into three main sections:

- Dialog Structure:** A tree view on the left showing the configuration hierarchy. The 'Define document types' folder is expanded, and 'Define document status' is selected.
- Attributes:** A central table with various attributes and their values:

Attributes	
Doc. Type Desc.	Demo Document
<input type="checkbox"/> Use KPro	
<input type="checkbox"/> Status Change	
<input type="checkbox"/> Rev. Lev. Assgmt	
<input checked="" type="checkbox"/> Version Assgmt	
<input type="checkbox"/> Archiving Authorization	
<input checked="" type="checkbox"/> Change Docs	
CM Relevnce	<input type="checkbox"/>
Number Assgmt	<input type="checkbox"/>
Internal Number Range	02
External Number Range	01
Number Ext	MCDOKZNR
Vers. No. Incr.	1
Version Sequence	<input type="checkbox"/>
- Field Selection:** A table on the right showing the selection of fields for the document type:

Field Selection	
Class Data	<input type="checkbox"/>
Hierarchy Indicator	<input type="checkbox"/>
Document Status	<input type="checkbox"/>
Document Desc.	<input type="checkbox"/>
User	<input type="checkbox"/>
Authorization Group	<input type="checkbox"/>
Lab/Office	<input type="checkbox"/>
Change Number	<input type="checkbox"/>
CAD Indicator	<input type="checkbox"/>
Superior Document	<input type="checkbox"/>
WS Application 1	<input type="checkbox"/>
WS Application 2	<input type="checkbox"/>
CM Relevance	<input type="checkbox"/>

- Configure Data Carriers (DC30)
- Configure Workstation applications (DC30)

# SAP AND UNSTRUCTURED DATA – SAP DMS

- Change Document (CV02N)

Document

Document  Part  Version

◆ Deletion Flag    ◆ Document Structure    ◆ CAD Indicator    ◆ Hierarchy

Document Data    Descriptions    Object Links    Originals

Document Data

Description

Document Status  Work request    ● Not Released

CM Relevnce

User  Eva Eisenmann , Schunter

Lab/Office

Change Number  Valid From

Authorization Group

Superior Document

Document  Type  Part  Version

Originals

Appl.	Application	Storage Cat.	File Name
DOC	Winword		sapbuilding.doc

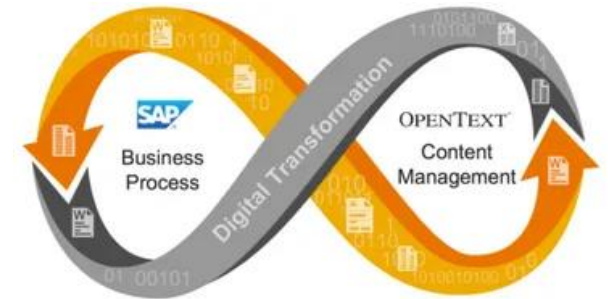
Navigation icons: Home, Edit, Print, Copy, Paste, Undo, Redo, Delete

# SAP AND UNSTRUCTURED DATA – OTHER OPTIONS

- **Extended ECM**
  - Integration with multiple leading applications including SAP
  - Exposes Leading application data to ECM users
  - Full life cycle management
  - Full document auditing
  - Full data searching
- **Cloud Solutions**
  - SharePoint
  - Google Docs
  - OneDrive
- **On Premise Solutions**
  - SharePoint
  - File Shares
  - Other EIM solutions

# SAP AND UNSTRUCTURED DATA – EXTENDED ECM

- **Configure SAP and Extended ECM integration**
  - Connect the applications
  - **Configure data providers for SAP and Extended ECM**
    - What SAP data is presented and how it is structured
    - What ECM data is presented and where it is linked in SAP (Workspaces)
  - **Configure Access rights between the applications**
  - **Configure views and workspaces**





# SAP AND UNSTRUCTURED DATA – EXTENDED ECM

- ECM Access to SAP data

**OPENTEXT<sup>®</sup> Extended ECM**

Innovate > Procurement > Vendors > C.E.B. Berlin SE (10020)

**C.E.B. Berlin SE (10020)**  
Vendor

1

**Minton, Adam** Added 4 days ago  
Invoice 510000027 (2016)

**Minton, Adam** Added 6 days ago  
Invoice 510000026 (2016)

**Minton, Adam** Added 7 days ago  
Invoice 510000025 (2016)

**Wyatt, Andy** Commented 11 days ago

Overview Documents Related Map

**Team**

- Fuller, Bettina**  
Master Data Management
- Harris, Connie**  
Logistics Manager
- Murray, Kenzie**  
Master Data Management
- Williams, Paul**  
Purchasing Clerk
- Wyatt, Andy**  
Procurement Officer

**Vendor Attributes**

Name	C.E.B. Berlin SE
Number	10020
Street	Potsdamer Platz 1
City	Berlin
Postal Code	10785
Country	Germany
Purchasing Organization	1000

**Vendor Materials**

- R-9000 - Fingerprint Scanner Pro Sense X-I
- R-9010 - Notebook WebCam Model '16
- R-9020 - Touchscreen Display (Multi Touch)
- R-9030 - Power Supply - Board Mount (AC DC)
- R-9040 - Laptop Battery Genuine 6 Cell
- R-9050 - Multiphase Motor 1.5A-2.5A f. 3D Printer
- R-9060 - Smart controller (LED) for 3D Printer


# SAP AND UNSTRUCTURED DATA – EXTENDED ECM



- SAP Access to ECM data
















Business Content

Workspace 0 Documents

460000023 - C.E.B. Berlin SE

 460000023 - C.E.B. Berlin SE ▾

<input type="checkbox"/>	Type	Name ↑	Size	Modified		
<input type="checkbox"/>		01 - Contract	3 items	04/21/2016 11:11 AM		
<input type="checkbox"/>		02 - Correspondence	0 items	04/20/2016 8:35 PM		
<input type="checkbox"/>		03 - Meeting Minutes	0 items	04/20/2016 8:35 PM		
<input type="checkbox"/>		04 - Financials	0 items	04/20/2016 8:35 PM		
<input type="checkbox"/>		05 - Materials	2 items	04/20/2016 8:35 PM		
<input type="checkbox"/>		06 - Purchase Orders	3 items	04/20/2016 8:35 PM		



# Meeting Compliance Requirements

Shhh! don't mention GDPR

## MEETING COMPLIANCE REQUIREMENTS - HCM DATA

- SAP supplies several HCM related ILM Objects
- ILM is free to use for GDPR compliance
- HCM Objects only Delete Data
  - There is no blocking functionality
  - Once the data is deleted its gone
  - This presents a compliance issue with TAX authorities and others.
- Proceed has produced a solution which extends ILM to enable HCM data to be redacted until such time as it can be deleted

# MEETING COMPLIANCE REQUIREMENTS A FEW SUCCESS STORIES

- **Kone Lifts**
  - Blocking and Deletion of ECC Customer data
- **CAPITA**
  - Blocking and Deletion of S/4 HANA Customer and Vendor data
  - ECC 6 HCM Deletion of employee data
- **RDW**
  - ECC6 HCM Deletion of employee data
- **EDF Energy**
  - ECC 6 HCM Automate solution to redact and delete employee data
  - ECC 6 ECC Automate solution to encrypt Nuclear Specific data
- **Stora Enso**
  - ECC 6 HCM Automate solution to redact and delete employee data
  - ECC 6 ECC Automate solution to redact vendor and customer data

## MEETING COMPLIANCE REQUIREMENTS - ECC DATA

- SAP supplies an ILM Blocking technology
- The ILM Blocking technology works by introducing a new authorisation concept
- For the data object to be blocked it must be business complete
  - This can be problematical if the business process is not complete
  - Data is ultimately deleted using the standard ILM Archiving objects
- Proceed has produced a solution which extends ILM to enable ECC data to be redacted until such time as it can be deleted.

# TECHNICAL PREREQUISITES

- With SAP Information Lifecycle Managements (ILM) the functionality of *Simplified blocking and deletion of business partners* is available as follows:

System/Application	Release - prerequisite
ERP	SAP ERP 6.0 EHP7 SPS12
CRM	SAP CRM 7.0, EHP3, SPS05
IS-U	SAP ERP 6.0 EHP7 SP08
HCM	SAP ERP 6.0 EHP6 SPS16

## Scope:

- End of purpose checks (EOP) available in more than 120 modules/applications
- Possibility of handling blocked data in transactions and reports
- Full ILM-enablement of archiving objects in respective modules/applications

# Q & A

Question time or visit our stand to discuss your specific requirements





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2019

THE ICC, BIRMINGHAM  
1-3 DECEMBER

**THANK YOU FOR ATTENDING THIS SESSION**

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**Drop by our stand today**

or ***Contact Us* to discuss your requirements**

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