

**SAP Data Archiving &  
SAP ILM(Information Lifecycle Management)**  
Mumbai, April 2018, Subham Banerjee



# Agenda



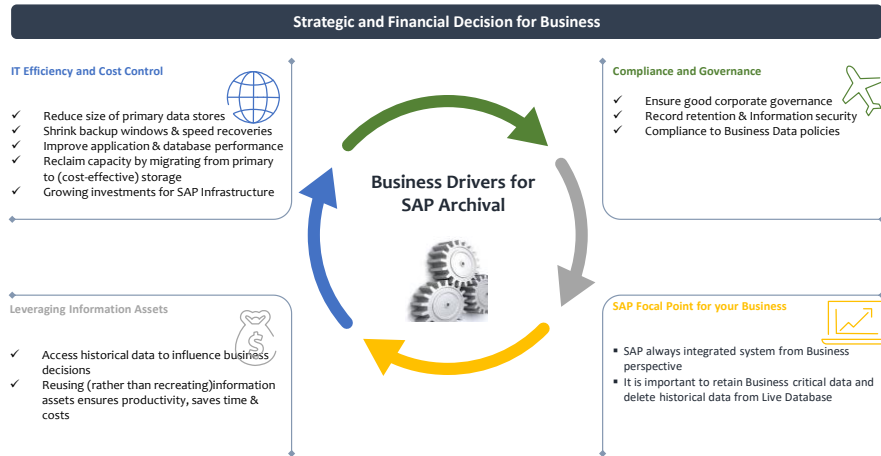
## **SAP DATA Archiving**

1. Overview
2. Data Archiving Basics
3. Data Archiving Applied
4. Access to Archived Data
5. Data Archiving Projects

## **SAP ILM(Information Lifecycle Management)**

1. Overview
2. Challenges
3. Evolution of ILM
4. Retention Management overview
5. Retention Warehouse overview
6. Benefits of ILM

# Why Do SAP Customers Archive?





# What are the Benefits of Archiving for SAP Customers?

## Value Generation

through Data Archiving powered by SAP NetWeaver

1

### System Availability

Faster and easier upgrade to higher software releases.  
Shorter runtime for backup and recovery.

2

### Use of Resources

Reduced hardware costs for Disk, CPU, Memory as well as administration costs.

3

### Better Performance

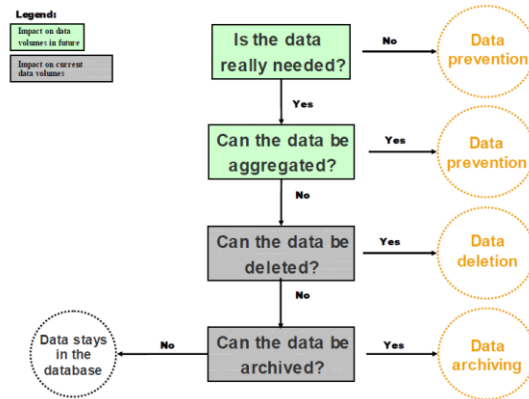
Shorter response times in dialog mode for all employees.

4

### Legal Compliance

Meeting data retention requirements and setting up end-of-life scenarios.

# Considerations Before Data Archiving



## Finding the Right Time

### 1 **A „healthy“ System**

Data Archiving should not be seen as the last resort for preventing total system collapse after all other means have been exhausted.

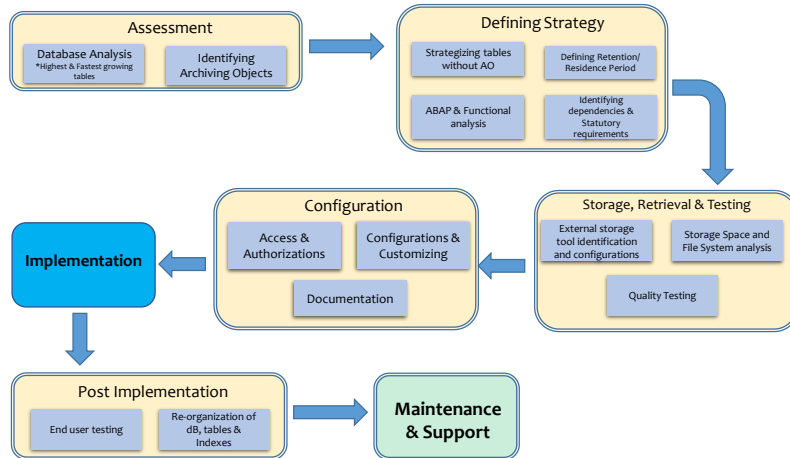
### 2 **Early Planning**

Ensure that the performance of your systems remains efficient.

### 3 **Interdisciplinary Process**

Data Archiving requires a high degree of cooperation between user and IT departments.

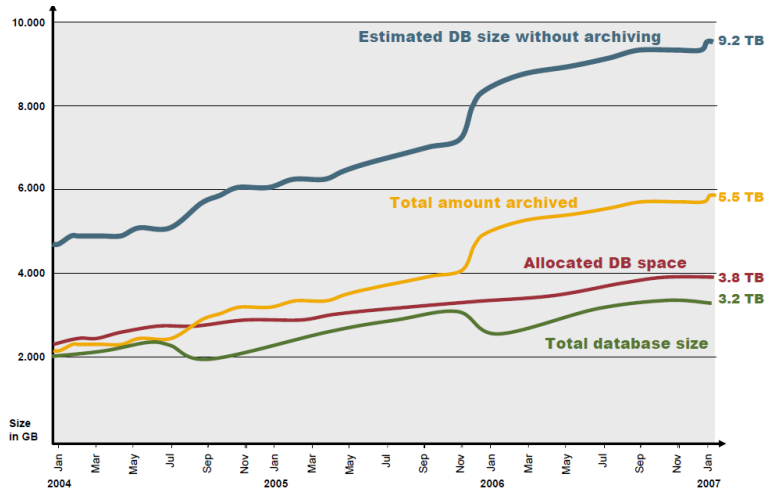
# Overall Approach of Archiving Project



\*AO – Archiving Objects



## Customer Example – Visualized



## SAP ILM - Overview

SAP Information Lifecycle Management (SAP ILM) enhances the SAP standard delivery with the ability to manage the lifecycle of live and archived data based on rules. SAP ILM uses ILM-specific, enhanced data archiving functions.

- 1) You should have a license for the use of one of the following SAP ILM application scenarios:
  - **Retention Management** (lifecycle management of data in a live application system)
  - **System Decommissioning** (lifecycle management of data in a decommissioned legacy system in a stand-alone Retention Warehouse system)
- 2) You should have Authorizations for SAP ILM Functions
- 3) Provide an ILM-certified WebDAV server for the store. **Storage** of archived data on an ILM-certified WebDAV server (to guarantee non-changeability of the data and to protect it from premature destruction)

## SAP ILM - Overview

SAP Information Lifecycle Management (SAP ILM) enhances the SAP standard delivery with the ability to manage the lifecycle of live and archived data based on rules. SAP ILM uses ILM-specific, enhanced data archiving functions.

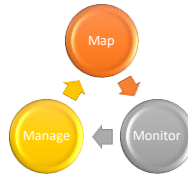
Data Archiving	Retention Management	System Decommissioning
<ul style="list-style-type: none"> <li>Analyze Data volumes.</li> </ul>	<ul style="list-style-type: none"> <li>Manage all retention policies across the enterprise.</li> </ul>	<ul style="list-style-type: none"> <li>Decommissioning legacy system.</li> </ul>
<ul style="list-style-type: none"> <li>Securely move data from the database to the archive destination.</li> </ul>	<ul style="list-style-type: none"> <li>Manage the responsible destruction of data based on policies.</li> </ul>	<ul style="list-style-type: none"> <li>Enforce retention policies on data from shut-down system.</li> </ul>
<ul style="list-style-type: none"> <li>Access archived data.</li> </ul>	<ul style="list-style-type: none"> <li>Enforce retention policies</li> </ul>	<ul style="list-style-type: none"> <li>Run reporting on data from shut-down systems(in SAP BW).</li> </ul>
	<ul style="list-style-type: none"> <li>Use secure ILM certified storage</li> </ul>	<ul style="list-style-type: none"> <li>Use predefined BW content and reporting interface.</li> </ul>
	<ul style="list-style-type: none"> <li>Perform eDiscovery and legal holds.</li> </ul>	
Manage Database Volume	End-of-Life Data	End-of-Life System

## Why SAP ILM over Data Archiving

SAP ILM	SAP Data Archiving
Archiving the Data based on the residence period and then using the Retention Management Destruction of Data as well.	Archiving the Data based on the residence period.
It helps to ensure information governance at every step of the business process.	
Audit compliant system decommissioning of legacy SAP and Non-SAP systems.	
It also helps in Legal Holds & eDiscovery of Data.	
Performance Optimization.	

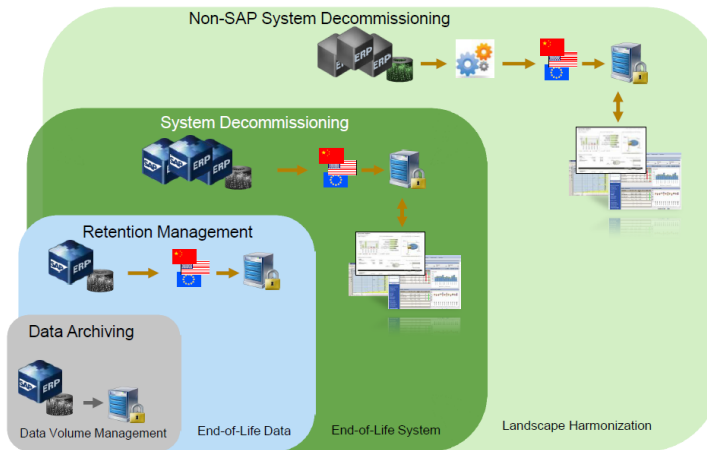
## GDPR Compliance using the SAP ILM

- All SAP systems such as SAP ERP, Business Intelligence (BI), CRM, HCM and other SAP applications need to be included in your GDPR preparation project. In order to comply, you will need a focused approach to managing, owning and processing data.



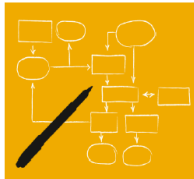
**SAP Information Lifecycle Management (SAP ILM) is the only solution for managing this process and presents the only way possible to delete data in SAP applications.**

## Evolution from Data Archiving to ILM



## SAP ILM - Benefits

### Complexity



- Live Data Volume
- Legacy System
- Decommissioning
- Non-Production Systems

### Cost



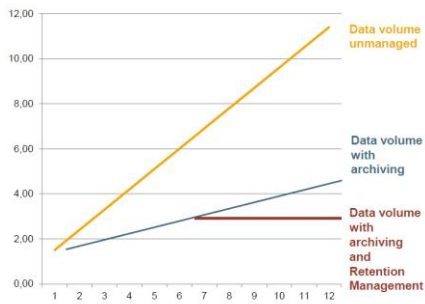
- Reduce amount of Data
- Reduce amount of Systems

### Compliance



- Records/Retention Management
- Data Destruction (part of Data Privacy)
- eDiscovery
- Litigation Readiness

## Three Scenarios For Data Growth and Data Volume



### Example:

- 3 systems incl. replications
- 24 month residence time
- 6 years retention time
- 300GB yearly growth

### Result:

- With data archiving significant reduction in data growth and data volume
- With Retention Management stabilization of data volume



**Thank You !!**



People matter, results count.

This message contains information that may be privileged or confidential and is the property of the Capgemini Group.  
Copyright © 2017 Capgemini. All rights reserved.

### About Capgemini

A global leader in consulting, technology services and digital transformation, Capgemini is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. It is a multicultural company of 200,000 team members in over 40 countries. The Group reported 2016 global revenues of EUR 12.5 billion.

Learn more about us at

[www.capgemini.com](http://www.capgemini.com)