

# Application Decommissioning



## Your IT Challenge

# IT Complexity and Costs of Legacy Applications are raising

- **Raising amount of applications** to be maintained – due to refreshments or redundancies resulting of company acquisitions
- **Raising cost of application** infrastructure complexity and license costs
- **Legacy applications** are not supported anymore or are run on not (or no more) strategic platforms
- **Know how** for legacy applications in not or (no more) available
- Declining IT budgets

### **Obvious solution:**

Decommission legacy applications to reduce complexity, to save costs and to mitigate risks related to absence of know-how...

# Your Business Challenge

## Retention Periods for Business Data and Compliance Challenges

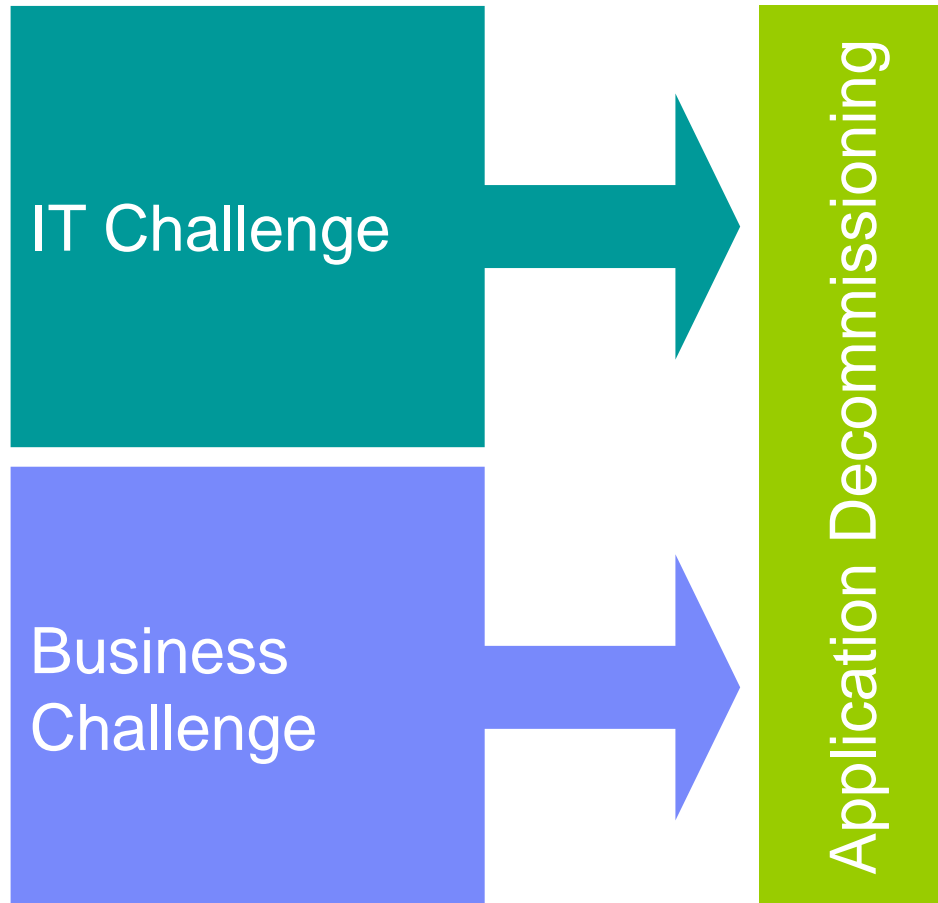
- **Redundancy** in application portfolios
- **High costs of application portfolio**
- **Investment focus** on delivering maximum business value
- **Large ERP** projects and consolidations
- **Raising need for long-term retention** of data due to regulatory requirements

### **Obvious solution:**

Preserve the legacy applications to comply with regulations and to satisfy business requirements...

## Our Approach

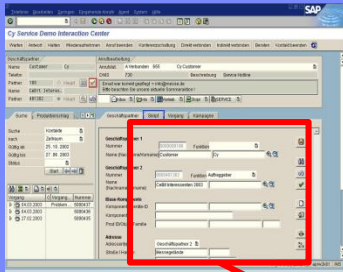
# Application Decommissioning to address both the IT and the Business Challenge



- Planned, controlled and documented decommissioning of legacy application with prior business and technical analysis of the data and documents contained
- Data and documents that is – out of regulatory (external) and/or business (internal) requirements – subject to retention is identified, extracted and handled according to the solution scenario chosen (e.g. dedicated archive)
- After data and documents to be retained, the application can be decommissioned and the infrastructure can be freed

# Our Approach

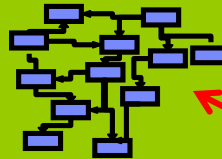
## Identification and Extraction of relevant Business Objects



Business view on applications and the business objects

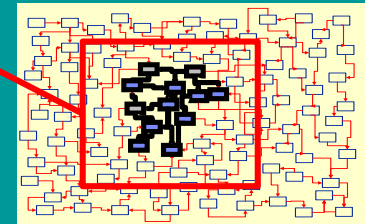
Business objects are subject to business or regulatory requirements – the application itself is not

**Business Object**



- Data owner (business, IT)
- Data and metadata
- Retention periods
- Regulations applicable
- ...

IT view on applications and the underlying data models



# Our Approach

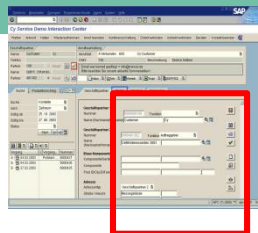
## The Solution Approach consists of four subsequent Phases

### Phase 1 Setup

- As-is-analysis
- Existing internal governance (stakeholders, roles and processes, ...)
- Preselection of applications in scope
- Draft of solutions scenarios for archiving

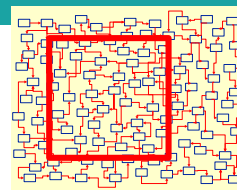
### Phase 2 Business Analysis

- Identification of business objects and descriptions
- Preservation / retention requirements
- Data ownership and other business requirements
- Timelines and dependencies
- Verification of solution scenarios



### Phase 3 Technical Analysis

- Technical feasibility
- Identification of data queries to generate business objects
- Implementation of solution scenario
- Definition of reporting requirements for audits and business access



### Phase 4 Transformation

- Execution of solution scenario (e.g. archiving of extracted business objects)
- Data quality and technical sign-off
- Decommissioning of application and infrastructure



## The Value Proposition

### Decommissioning of legacy applications leads to...

- Mitigation of compliance risks through a structured and governed approach for long-term data retention
- Reduction of application portfolio complexity
- Reduction of operational IT costs through the reduction of applications operated

- Reduction of operational costs (licenses, infrastructure)
- Reduction of costs to maintain legacy know-how
- Reduction of application portfolio complexity
- Reduction of applications not compliant with security and/or portfolio strategies or IT standards

# Project Example 1: Swiss Pharma Company - eArchive

## Overview

- Customer: Swiss Pharma Company
- Project Duration: 08.2013 until today
- Number of users: Core team members: 7, users affected: all end users company-wide
- Additional information:

## Project Description:

- What is the challenge?
  - Applications are being retired out of technical or business purposes
  - Records/data kept in applications need to remain accessible for legal or regulatory purposes
  - No enterprise solution available for application archiving
  - No standardized decommissioning approach
  - All of the above factors raise the need for application data archiving

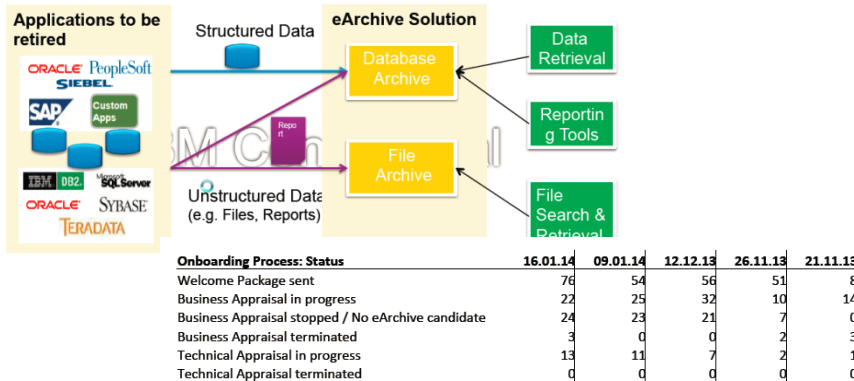
What do we do?

- Governance: Provide a standardized process for application assessment (e.g. what records can be disposed and which need to be archived)
- Centre of Excellence: Provide services for application data archiving (ingest)
- eArchive Service: Provide data access services (after application retirement)
- Infrastructure: Implement and maintain the eArchive solution infrastructure

IBM's part:

- Definition of the standardized decommissioning process
- Setup of the communication package and the appraisal questionnaires
- Support in the definition of the governance model
- Support of the centre of excellence with the execution of business and technical appraisals

## Sample Project Deliverables:



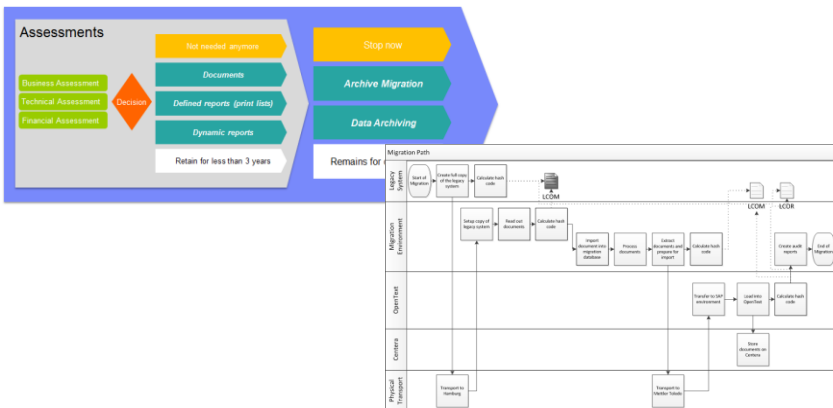


# Project Example 2: Schweizer Industrieunternehmen Application Decommissioning

## Kurzübersicht

- Kunde:  
Schweizer Industrieunternehmen für Präzisionsgeräte
- Projektzeitraum:  
06.2012 – bis heute
- Anzahl Benutzer:  
rund 5 Geschäftsbereiche
- Weitere Bemerkungen:  
Die Archivierung von Altapplikationen erfolgt in verschiedenen Phasen. Nach der Setup Phase und dem Piloten ist im Moment Phase 1 in Arbeit

## Beispiele von Projektergebnaten



## Projektbeschreibung

- Nachgelagert zum unternehmensübergreifenden SAP Roll-out werden alle Applikationen, die neu durch SAP abgelöst wurden, analysiert und beurteilt:
  - Werden in den Applikationen Daten oder Dokumente gehalten, die aus rechtlichen oder geschäftlichen Gründen noch weiter gebraucht werden (Business Assessment)
  - Entspricht die Technologie der Altapplikationen den Standards der Unternehmung und ist sie State-of-the-art (Technologie Assessment)
  - Welche Kosten fallen für das Aufrechterhalten der Applikation über mindestens die nächsten 3 Jahre an – im Hinblick auf Lizenzkosten, Supportverträge, Hardware und Betrieb (Finanzielles Assessment)
- Basierend auf den Assessment Ergebnissen wird entschieden, ob eine Applikation sofort gelöscht, für drei Jahre weiter betrieben oder Datensätze oder Dokumente daraus in eine zentrale Archivappliation migriert werden.
- IBM hat bei der Erarbeitung der Decommissioning Prozesses mitgearbeitet und begleitet im Moment die verschiedenen Phasen als Qualitätssicherung. Dazu gehören:
  - Regelmässige Statusmeetings zur Kontrolle und Diskussion des Projektfortschritts
  - Inhaltlicher Input durch regelmässige Reviews und Miterarbeitung von Konzepten und Inhalten

## Our Contact



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