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BUSINESS SOLUTIONS

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## **S/4HANA Migration: The legacy SAP® system dilemma**

April 21, 2022

**ASUG**

# Introductions

## Your Presenters:

**Kevin Marinov**, Principal Solutions Consultant at OpenText

**Jonathan P. Simpson**, Director at Sigma Business Solutions



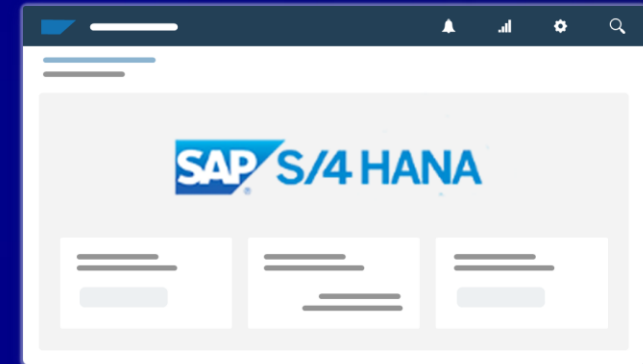
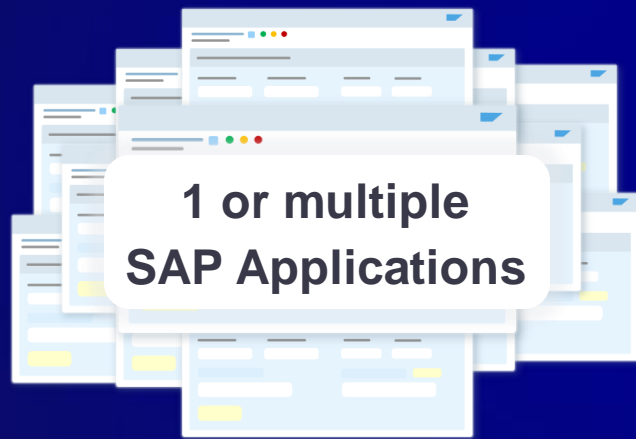
# Objectives

*We will teach you how to overcome the dilemma associated with legacy SAP systems through previously successful use-cases.*

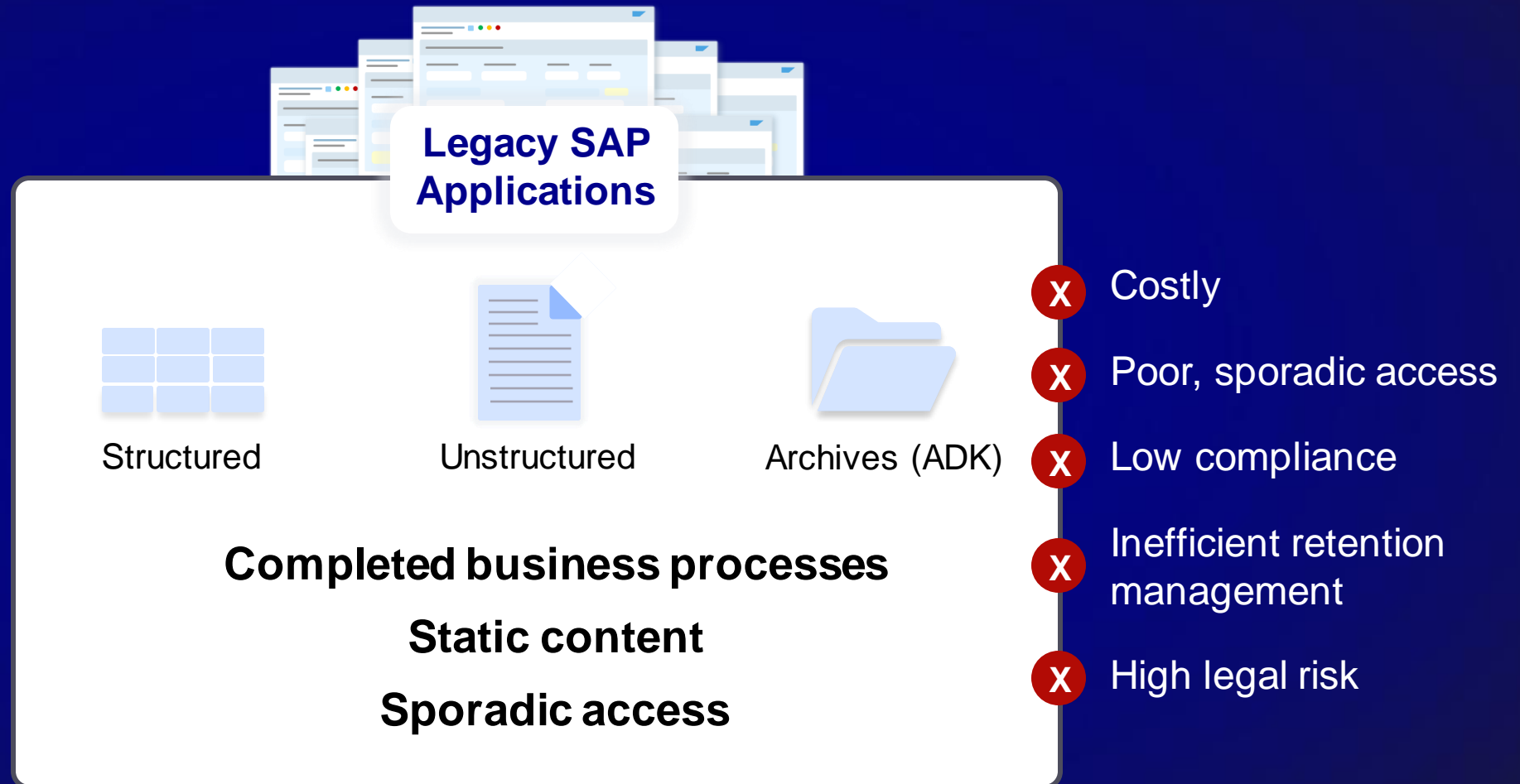
## What's the Dilemma and Why Does it Matter?

- Budget to be realized from legacy SAP applications
  - Reallocate to transformation initiatives (S/4, Cloud)
- Simplify access and compliance
- Mitigate legal risk

# S/4HANA Migration



# The legacy SAP application dilemma



**Do you have a strategy for  
efficiently managing your  
legacy SAP systems?**

# Case Study: Global CPG Organization

## Situation

Multiple SAP systems in each of four geographic regions (APAC, EU, LATM and NA)  
Complex and long retention management requirements  
Additional older SAP instances left from earlier upgrades and failed decom attempts

## Objective

Consolidation and upgrade of all corporate SAP applications to S/4HANA  
Decommission older instances of SAP for datacenter simplification and cost reduction  
Improve retention management and compliance capabilities

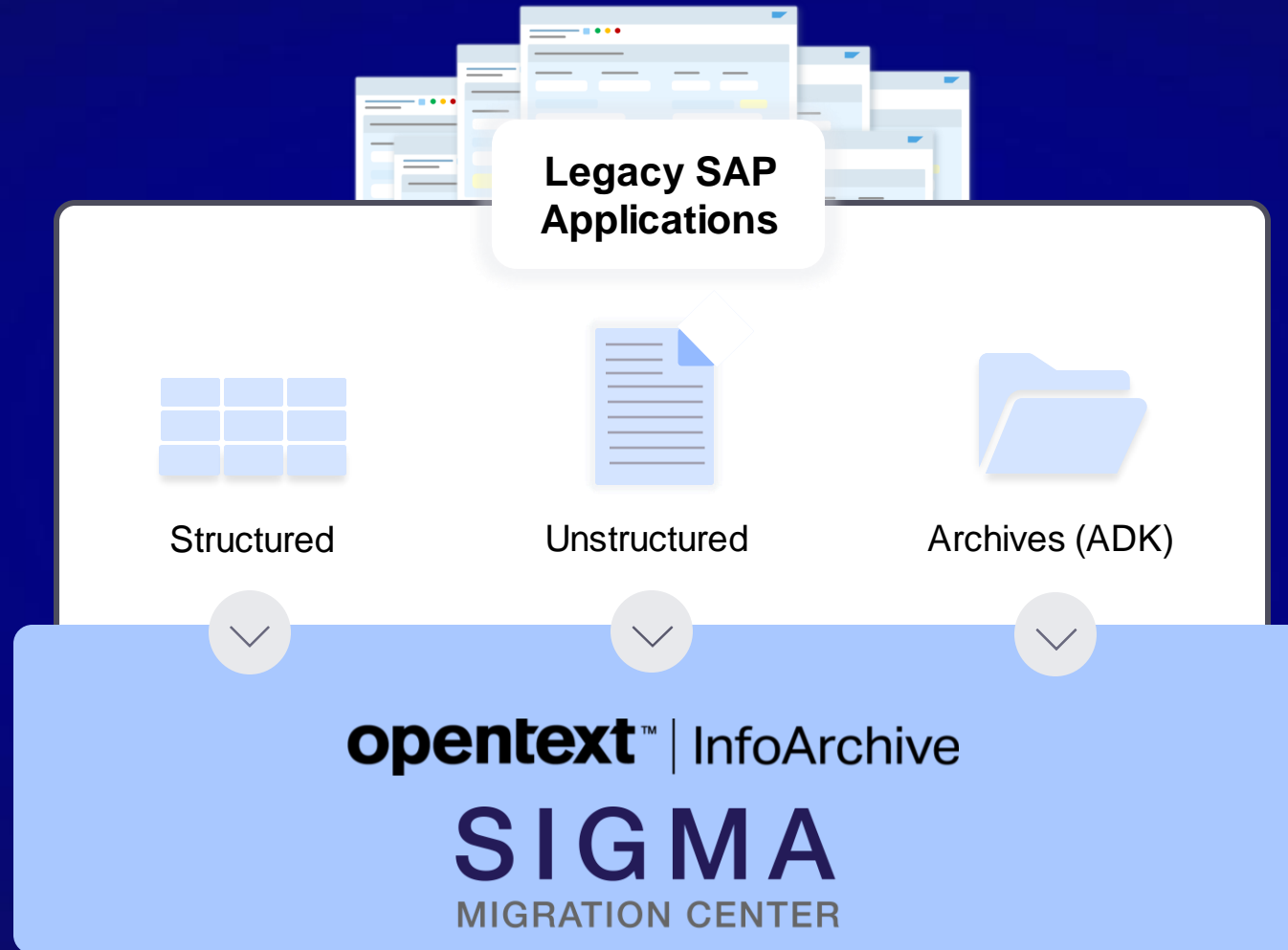
# Case Study: Global CPG Organization

## Requirements

- **Single** solution to decommission **all SAP application data**
- 13 systems total (Phase 1 consisted of ECC, BW, HR, DART)
- Ability to apply corporate-based retention policies
- Scalable solution; over **20TB** to be archived



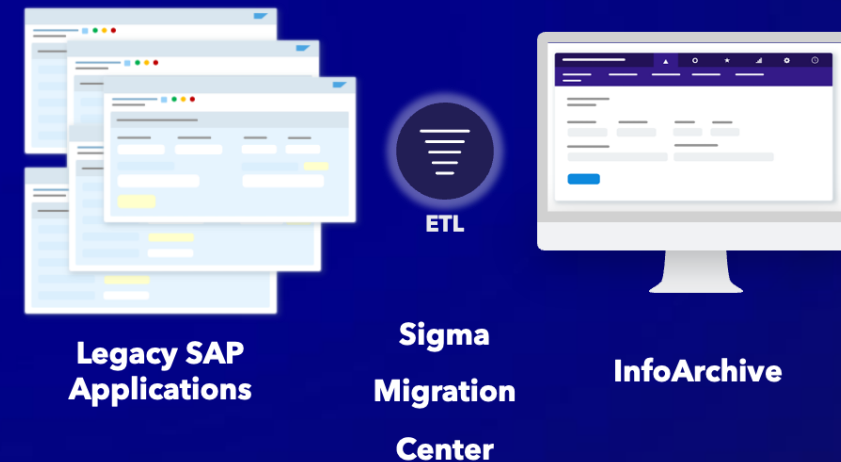
# Legacy SAP application decommissioning



# Sigma Migration Center for InfoArchive

An ecosystem of tools and IP built specifically to **extract SAP data and migrate it into InfoArchive**, a modern archive solution and cloud-based service for compliant archiving

- Highly-accessible
- Scalable
  - Any SAP application
  - All data types
  - Structured, Unstructured
- ETL tools developed in SAP ABAP
- Pre-built Views
- Ad Hoc Query Generator



# Global CPG Organization

Multiple SAP systems in each of four geos

Additional older SAP instances left from earlier upgrades

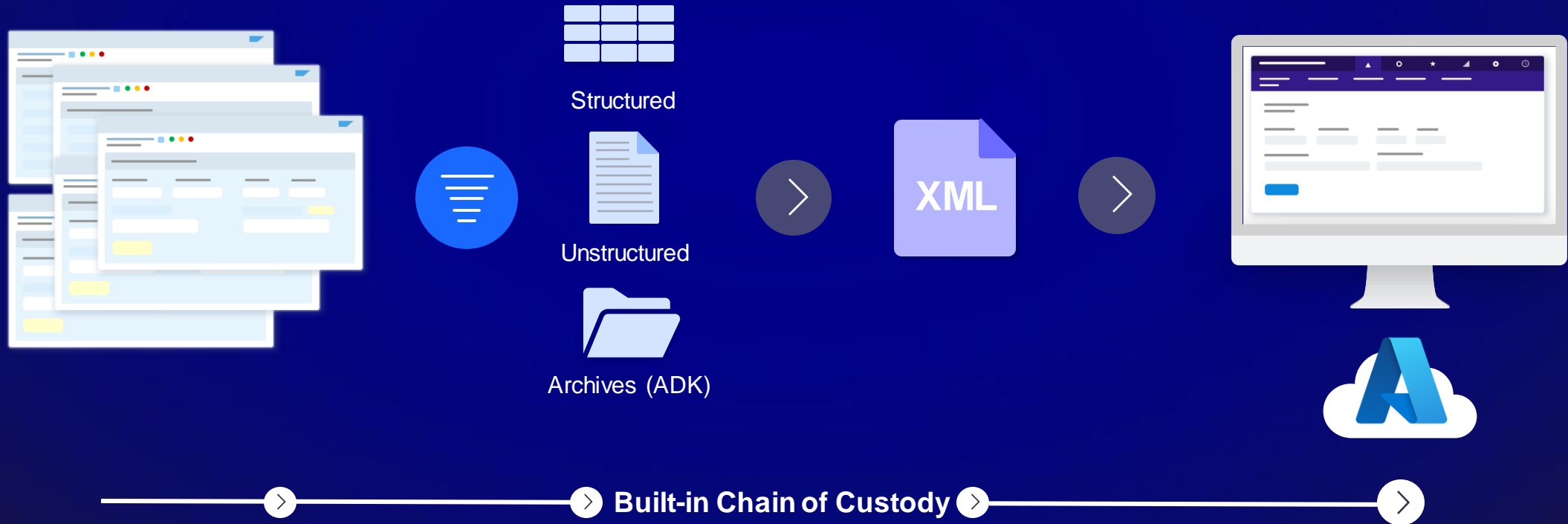
Legacy SAP Apps

Extract

Transform

Load

InfoArchive



## Global CPG Organization

Multiple SAP systems in each of four geos

Additional older SAP instances left from earlier upgrades

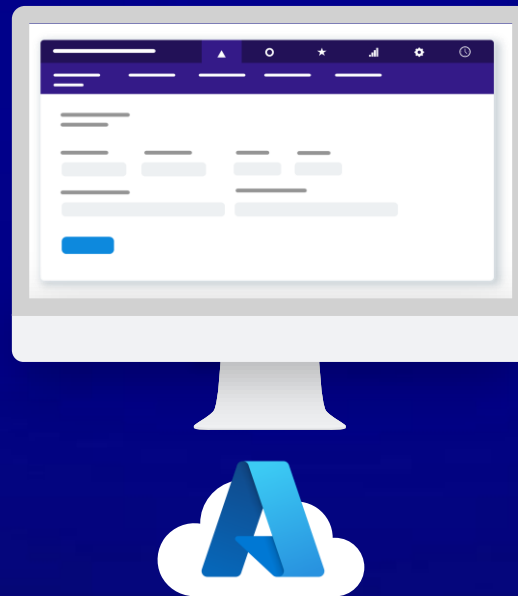
## Successfully archived and fully decommissioned 13 SAP applications

**Data Integrity** ✓

**Lifecycle Management** ✓

**Security** ✓

**Access, Audit, Analysis** ✓



**Pre-built Views**

Maintain SAP GUI

Deployed 65 out-of-the-box views

Developed over 50 custom transactions

**What is the most common  
reason archiving projects fail?**

**Poor Access**

# UX | SEARCH:SAP

Program Edit Goto System Help

✓ [dropdown] << [save] [refresh] [cancel] [print] [help] [info]

### G/L Account Balances

[refresh] [copy] [print] [info]

G/L account selection

Chart of accounts	XX00	to		[copy]
G/L account	31730015	to	31730020	[copy]
Company code	828	to		[copy]

Selection using search help

Search help ID [input]

Search string [input]

[copy] Search help

Transaction Figures Selection

Fiscal Year	2019	to		[copy]
Business area		to		[copy]
Currency type				

Further selections

Reporting Periods	1	to	16	[copy]
Account currency		to		[copy]
Account balance		to		[copy]

Include Opening/Closing Entries

System: SAP

Display T-Code: F.08 / GL Account Balance

# UX | RESULTS:SAP

List Edit Goto System Help

G/L Account Balances

PGIOSA SG BRANCH G/L Account Balances Time 22:58:33 Date 27.11.2019  
 Singapore RFSSLD00/DT1180 Page 1  
 Carryforward Periods 00-00 2019 Reporting Periods 01-16 2019

CoCd	G/L acct	Short Text	Crcy	BusA	Balance Carryforward	Balance,prev.periods	Debit rept.period	Credit report per.	Accumulated balance
828	31730015	PII - On Hand	SGD		0,00	0,00	2.454.541,49	2.345.457,27	109.084,22
828	31730018	PII - In Transit	SGD		0,00	0,00	3.319.810,07	3.225.231,82	94.578,25
828	31730020	PII - Others	SGD		0,00	0,00	29,13	29,95	0,82-
*828			SGD		0,00	0,00	5.774.380,69	5.570.719,04	203.661,65

PGIOSA SG BRANCH G/L Account Balances Time 22:58:33 Date 27.11.2019  
 Singapore RFSSLD00/DT1180 Page 2  
 Carryforward Periods 00-00 2019 Reporting Periods 01-16 2019  
 T O T A L S F R O M A L L C O M P A N Y C O D E S

CoCd	Crcy	BusA	Balance Carryforward	Balance,prev.periods	Debit rept.period	Credit report per.	Accumulated balance
828	SGD		0,00	0,00	5.774.380,69	5.570.719,04	203.661,65
*	SGD		0,00	0,00	5.774.380,69	5.570.719,04	203.661,65

System: SAP

Display T-Code: F.08 / GL Account Balance

# UX | SEARCH: InfoArchive

The screenshot shows the OpenText InfoArchive search interface. The top navigation bar includes the OpenText logo and 'InfoArchive', followed by icons for Applications, Dashboard, Compliance, Administration, and Background Requests. Below this is a secondary navigation bar with links for Search Forms, Collections, Retention Sets, Hold Sets, Purge Lists, Application Info, Tables, and Databases. The current path is 'Applications > SAP > In Test > F.08'. The main content area is titled 'F.08 (Draft)' with the subtitle 'G/L Account Balances'. The search form contains the following fields: 'Chart Of Accounts \*' (dropdown menu with 'XX00'), 'Company Code \*' (dropdown menu with '828'), 'Fiscal Year \*' (dropdown menu with '2019'), and 'Fiscal Period: From - To' (two input fields with '1' and '16'). Below these are 'G/L Account from' (input field with '0031730015') and 'G/L Account to' (input field with '0031730020'). A tooltip above the 'G/L Account to' field shows 'Ex: 0000300000 or 300000'. At the bottom of the form are 'SEARCH' and 'RESET' buttons.

System: InfoArchive

Query: F.08 / GL Account Balance



# UX | RESULTS: InfoArchive

The screenshot displays the InfoArchive application interface. The top navigation bar includes the 'opentext | InfoArchive' logo and several menu items: Applications, Dashboard, Compliance, Administration, and Background Requests. A user profile for 'sue@iacustomer.com' is visible in the top right. Below the navigation bar, there are tabs for 'Search Forms', 'Collections', 'Retention Sets', 'Hold Sets', 'Purge Lists', 'Application Info', 'Tables', and 'Databases'. The current view is 'Applications > SAP > In Test > F.08 > Results'. A search filter is applied: 'Chart Of Accounts: XX00 , Company Code: 828 , Fiscal Year: 2019 , Fiscal Period: From - To: 1 - 16 , G/L Account from: 0031730015 , G/L Account to: 0031730020'. A 'Modify' button is next to the filter. The main content area shows a table with 3 rows and 10 columns. A 'Select all 3' link is above the table. To the right of the table is a summary panel with 'Details' and 'Compliance' tabs. The 'Details' tab is active, showing a summary of the data.

<input type="checkbox"/>	CoCd	G/L Account	Short Text	Currency	Balance Carry...	Balance Prev. ...	Debit rept. pe...	Credit rept. p...	Accumulated B...
<input type="checkbox"/>	828	31730015	PII - On Hand	SGDSGD	0.00	0.00	2,454,541.49	-2,345,457.27	109,084.22
<input type="checkbox"/>	828	31730018	PII - In Transit	SGDSGD	0.00	0.00	3,319,810.07	-3,225,231.82	94,578.25
<input type="checkbox"/>	828	31730020	PII - Others	SGDSGD	0.00	0.00	29.13	-29.95	-.82

<b>Fiscal Year</b>	2019
<b>Fiscal Period(s)</b>	1 - 16
<b>Total Debit</b>	5,774,380.69
<b>Total Credit</b>	-5,570,719.04

System: InfoArchive

Query: F.08 / GL Account Balance

# Case Study: Utilities Organization

## Situation

**M&A:** acquired two legacy SAP applications (3.1 & 4.6/2TB) and three *non-SAP* applications

## Objective

- Reduce overall supporting infrastructure
- Maintain access to financial, sales and material management data
- Ability to apply corporate retention policies

## Utilities Organization

**M&A:** acquired two legacy SAP applications (3.1 & 4.6/2TB) and three *non-SAP* applications

Legacy SAP Apps

Extract

Transform

Load

InfoArchive

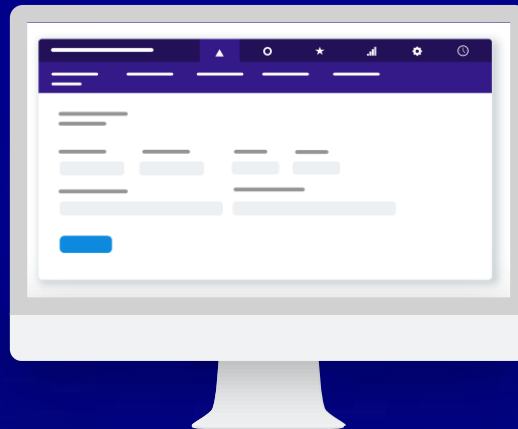


## Utilities Organization

**M&A:** acquired two legacy SAP applications (3.1 & 4.6/2TB) and three *non-SAP* applications

**Successfully archived and fully decommissioned 2 SAP & 3 non-SAP applications**

- Data Integrity** ✓
- Lifecycle Management** ✓
- Security** ✓
- Access, Audit, Analysis** ✓



### Pre-built Views

Developed 16 pre-built views aligned to FI, SD, MM

# Case Study: Cleveland-Based Industrial Motion Provider

## Situation

Large SAP user, but also use Epicor Prophet 21 in some business segments  
Many years of data built up in SAP, effecting performance  
Other redundant ERP systems resulting from mergers and acquisitions

## Objectives

Archive older data from SAP  
Decommission redundant ERP systems  
Improve retention management and compliance capabilities  
One comprehensive archive for all enterprise data

# Case Study: Cleveland-Based Industrial Motion Provider

## Requirements

- **Single** solution for all archiving requirements
- Eliminate unused ERP systems
- Ability to apply corporate-based retention policies
- Flexible to handle any archiving scenario

# Essential Elements of Successful Decommissioning

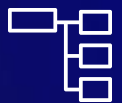
A Successful Decommissioning Effort Must Be Flexible to Accommodate All Data Types and Complex Compliance Requirements:

## ✔ DATA INTEGRITY



### Audit

Log all system and user activity



### Chain of custody

Who, origination, volume



### Immutability

Read-only data

## ✔ INFORMATION LIFECYCLE MANAGEMENT



### Retention policies

Implement and administer complex records plans



### Purge

Controlled deletion of data



### Legal Holds

Override retention policy

## ✔ SECURITY & PRIVACY



### Masking

Hide all or part of a data record



### Encryption

Strong encryption and key management



### Access control

Simple and Intuitive access by authorized users only

# Recap

## SAP DECOMMISSIONING CUSTOMER BENEFITS



**Accelerated  
S/4HANA Migration**



**Reduced TCO  
Increased ROI**



**Simplified  
Access**



**Simplified Compliance  
Minimized Risk**



**Scalable  
Enterprise Solution**



# Customer Success

FINANCE



HEALTHCARE



MANUFACTURING



OTHERS



# QUESTIONS?

Some FAQ:

What types of SAP systems can you decommission?

What is the difference between OpenText *SAP Archiving* and *InfoArchive*?

On average, how long does it take to decommission an SAP Application

# THANK YOU

# opentext™



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