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

April 21, 2022

ASUG

Introductions

Your Presenters:

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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

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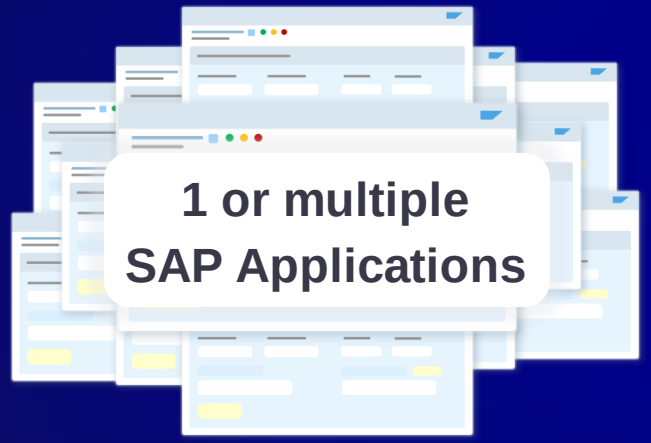
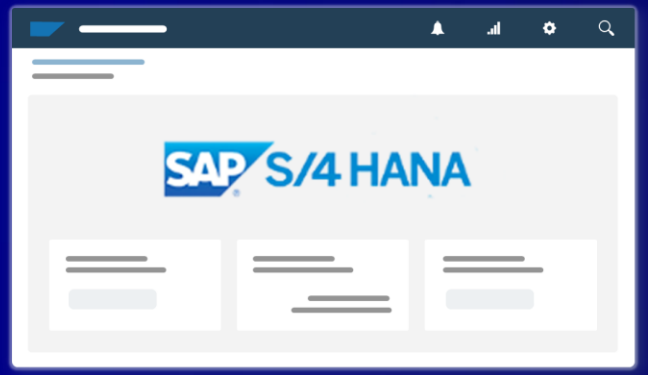
S/4HANA Migration



Greenfield

Brownfield

Hybrid



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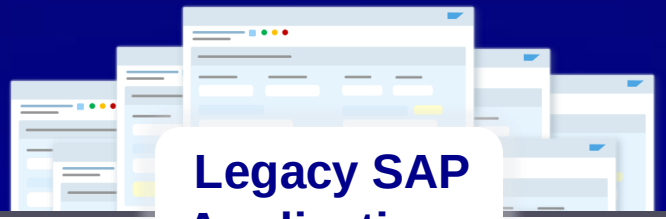
The legacy SAP application dilemma



Legacy SAP Applications

Structured

Unstructured

Archives (ADK)

Completed business processes

Static content

Sporadic access

- X Costly
- X Poor, sporadic access
- X Low compliance
- X Inefficient retention management
- X High legal risk

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

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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

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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 polices
- Scalable solution; over **20TB** to be archived

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Legacy SAP application decommissioning

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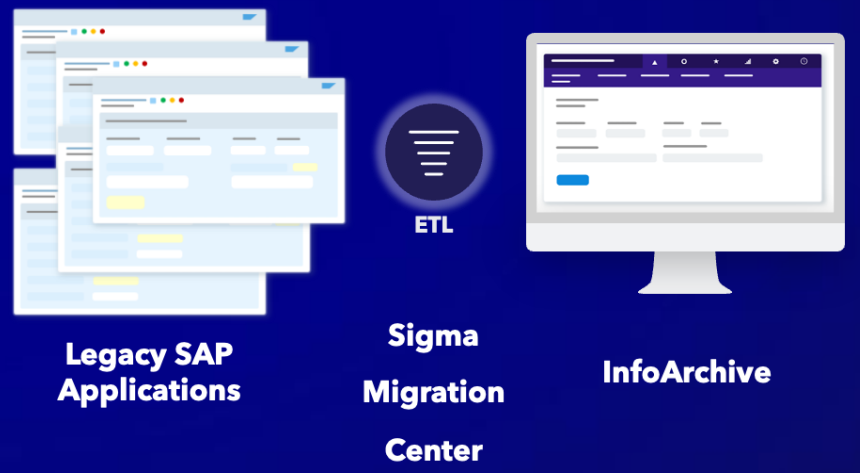
Sigma Migration Center for InfoArchive

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



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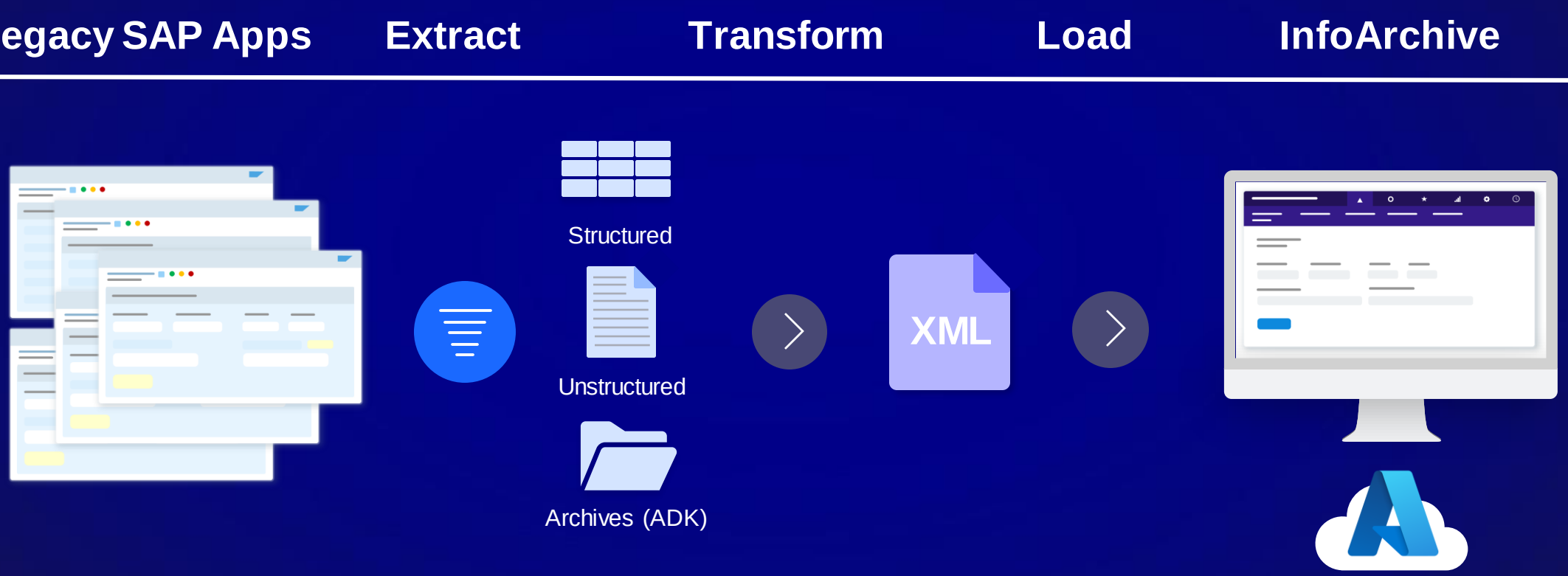
Global CPG Organization

Multiple SAP systems in each of four geos

Additional older SAP instances left from earlier upgrades



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Global CPG Organization

Multiple SAP systems in each of four geos

Additional older SAP instances left from earlier upgrades

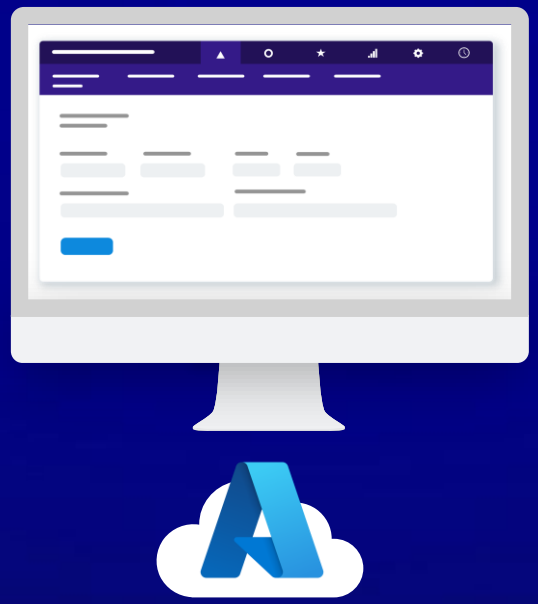
Successfully archived and fully decommissioned 13 SAP applications

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

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What is the most common reason archiving projects fail?

Poor Access

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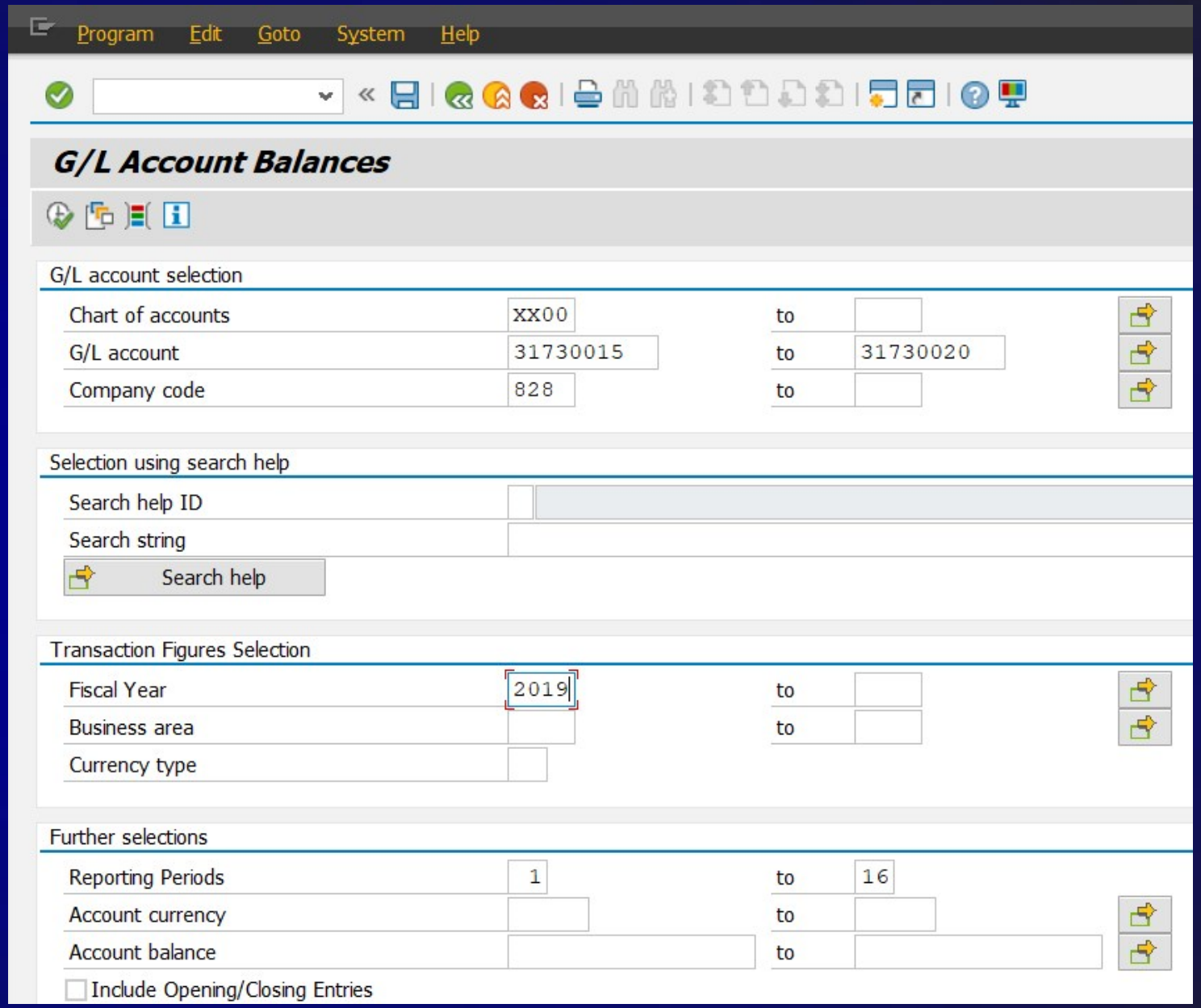
UX | SEARCH: SAP

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



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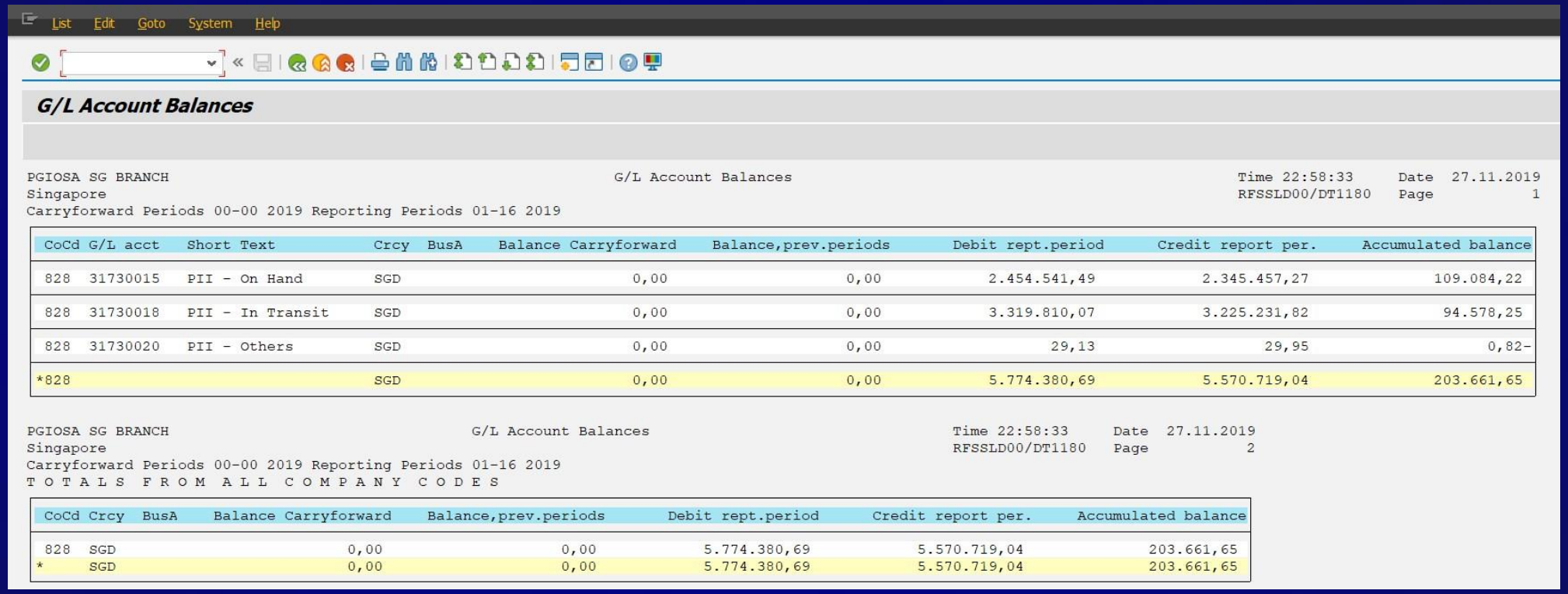
UX | RESULTS: SAP



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
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System: SAP

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

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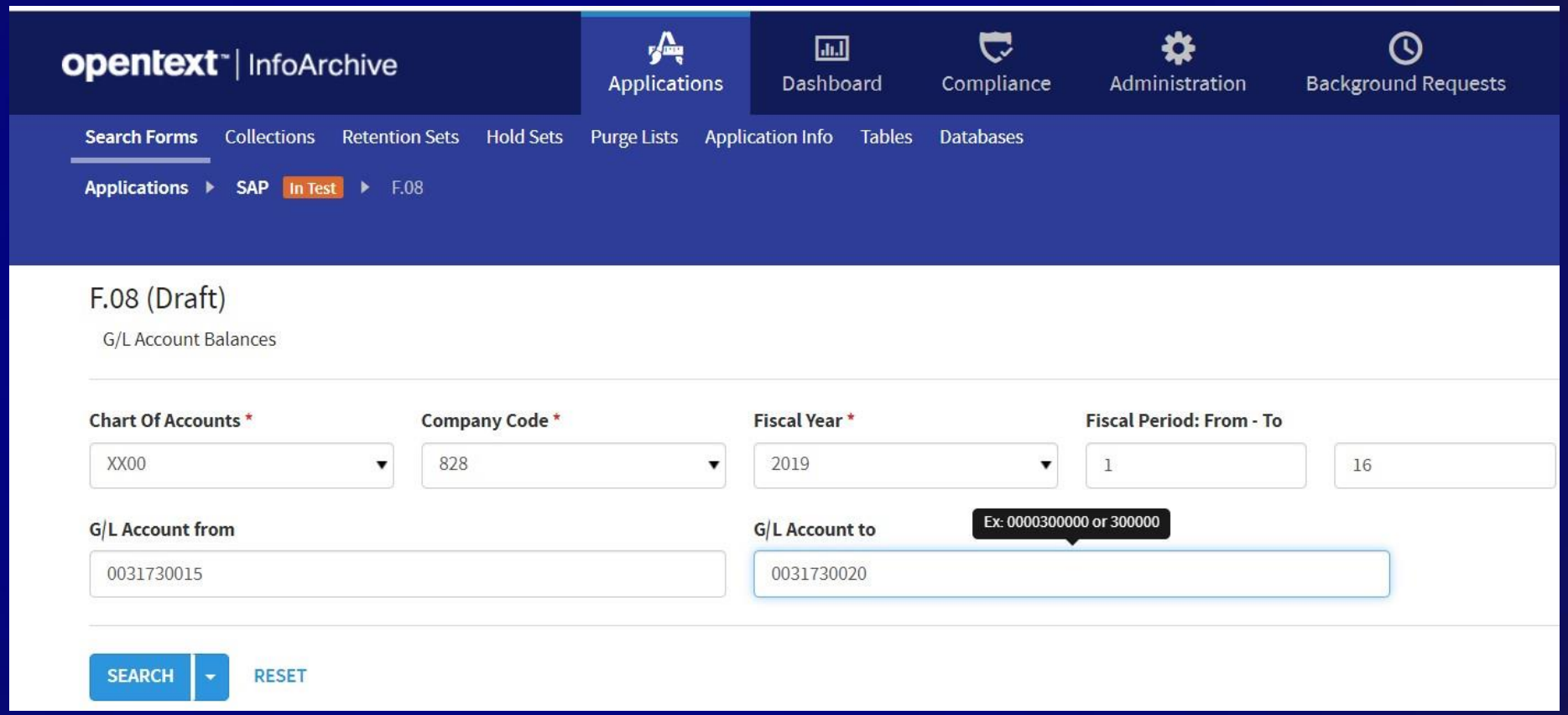
UX | SEARCH: InfoArchive



System: InfoArchive
Query: F.08 / GL Account Balance

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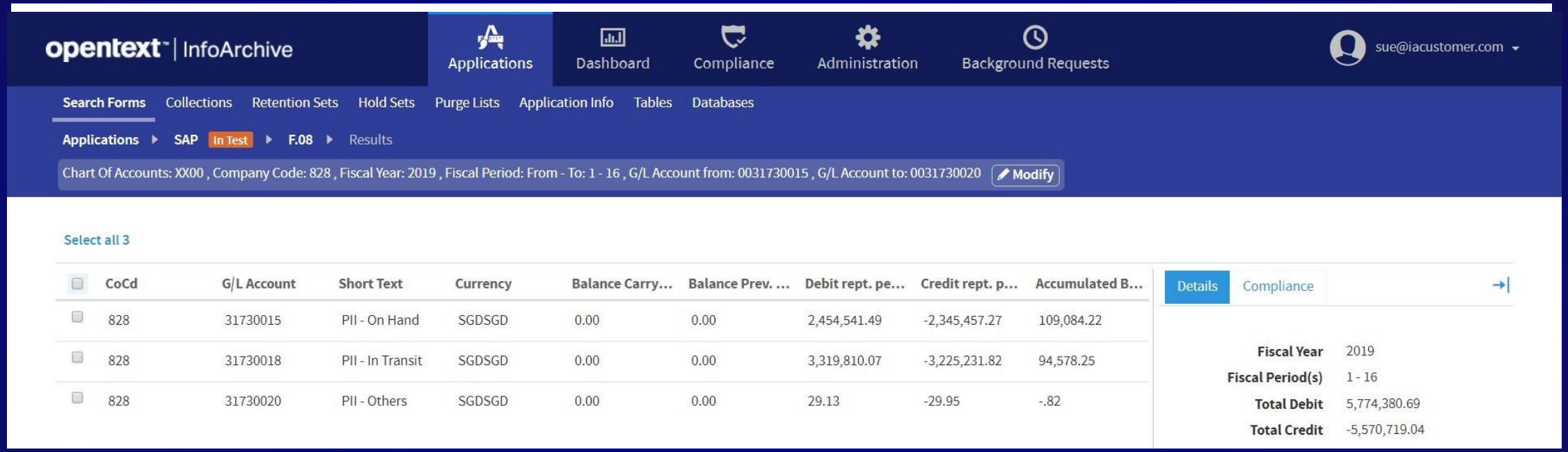
UX | RESULTS: InfoArchive



System: InfoArchive
Query: F.08 / GL Account Balance

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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 polices

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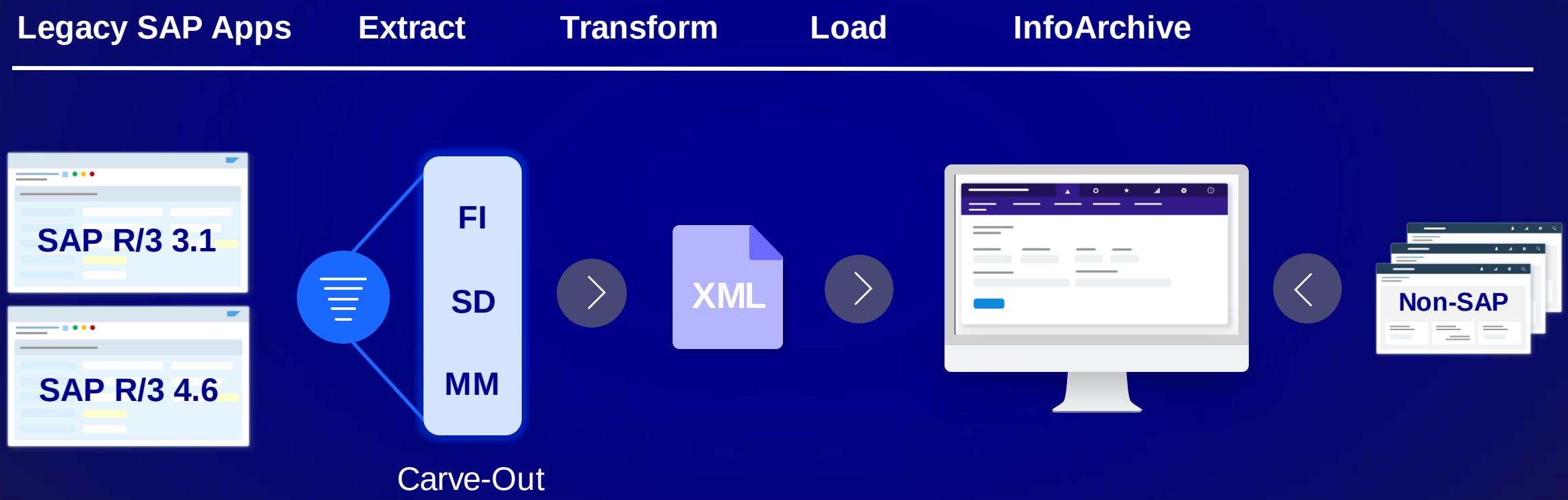
Utilities Organization

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



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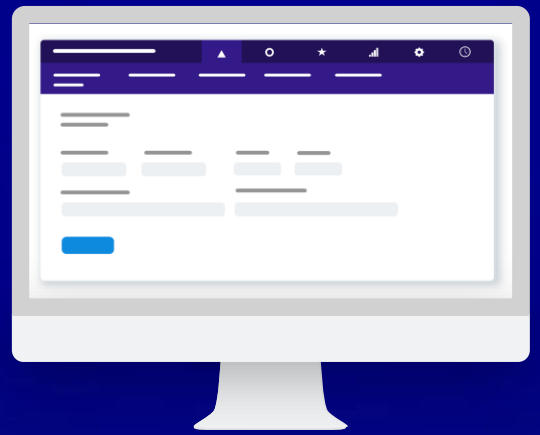
Utilities Organization

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

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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

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Case Study: Cleveland-Based Industrial Motion Provider

Requirements

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

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Essential Elements of Successful Decommissioning

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

DATA INTEGRITY

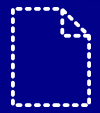
Audit
Log all system and user activity

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

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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

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SIGMA
BUSINESS SOLUTIONS

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