

Make legacy system decommissioning part of your SAP® S/4HANA implementation project roadmap

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BECAUSE YOUR DATA MATTERS

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SAPinsider



In This Session

Find out how the decommissioning of your legacy system landscape can be a major cost saver while preparing for the SAP® S/4HANA move.

Hear about the decommissioning journey of one of our customers.

After S/4HANA migration, the users have continuous access to any data through ELSA, a cloud application built on SAP BTP.

What we'll cover

- Introduction
- The case for decommissioning
- Decommissioning legacy systems with ELSA
- Demonstration
- Customer Example
- Wrap up
- Appendix





Introduction

TJC Group - Company overview

KEY FACTS



Over **25 years** of experience in Data Volume Management and **+10 years** in Tax and Audit



Solutions to overcome DVM challenges when moving to S/4HANA



Thought Leadership in Data Archiving & GDPR, Retirement of legacy systems and Compliancy Tax & Audit



+500 clients worldwide



SAP Partners and **SAP Certified** software solutions

The case for Decommissioning

- System shutdown requirement
- Operating cost reduction
- System vulnerability avoidance
- User access demands
- Tax and Audit requirements
- Data privacy requirements
- GenAI needs
- Carveouts and Acquisitions
- Data center shutdown
- “Rise with SAP” discounts

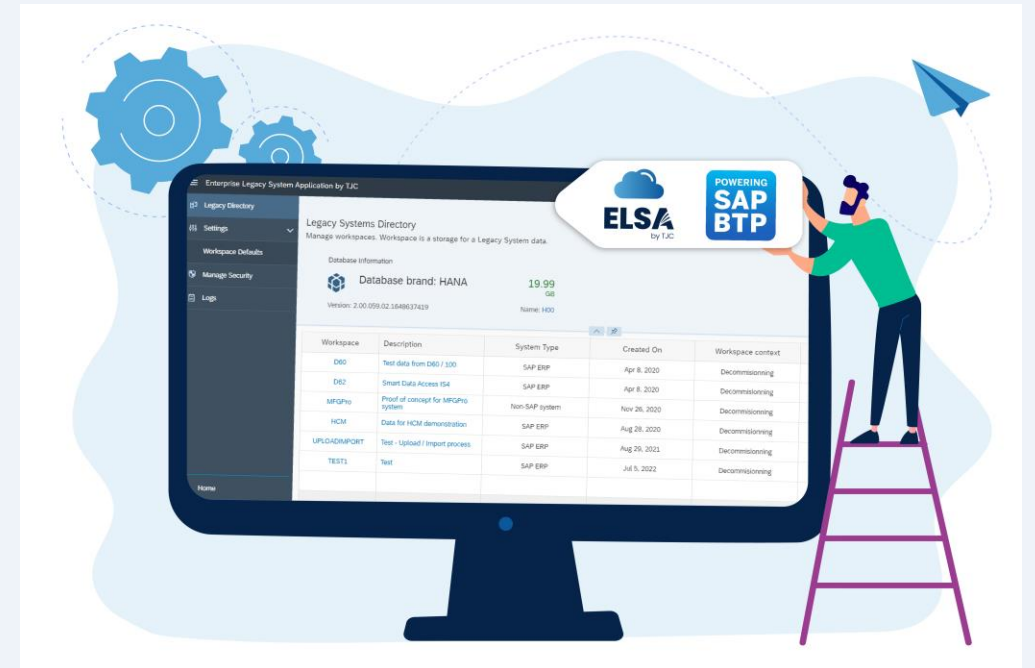




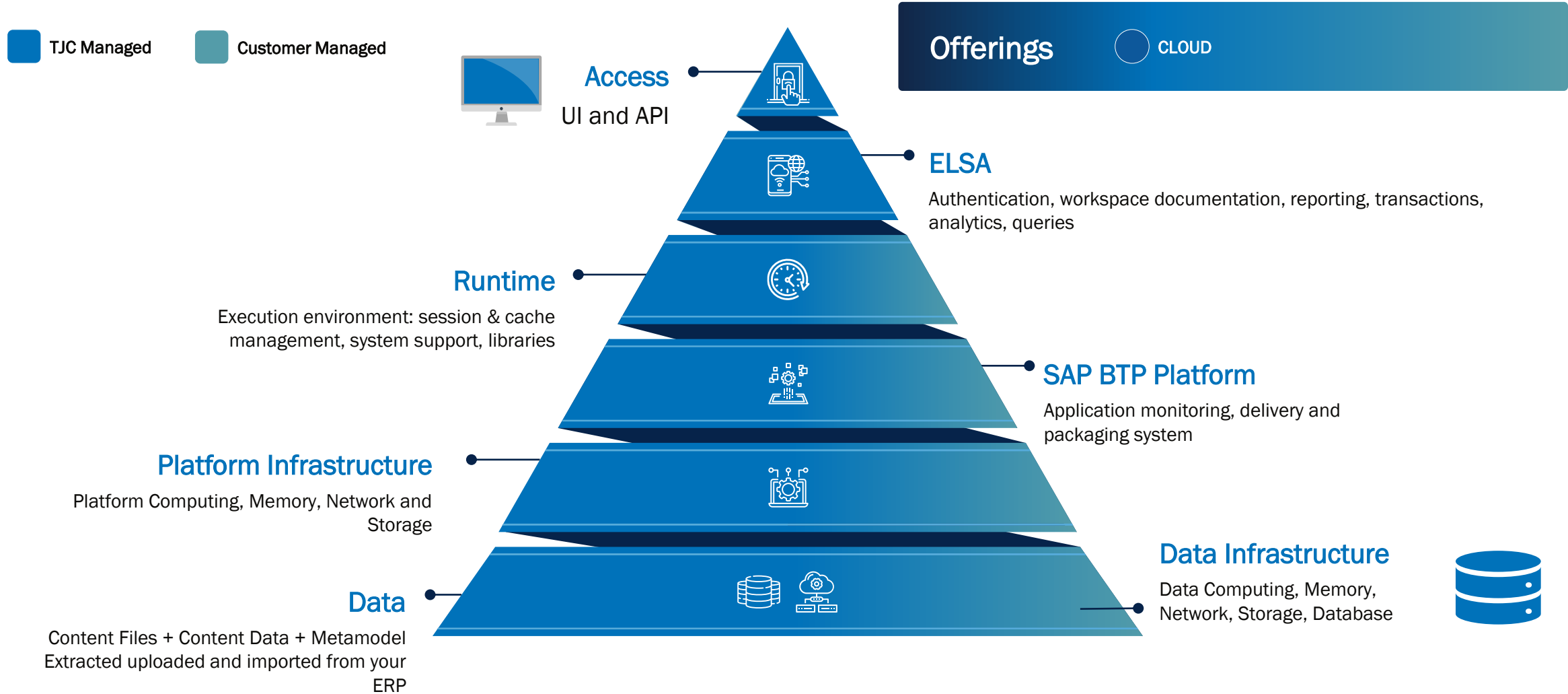
System decommissioning with ELSA by TJC

Enterprise Legacy System Application (ELSA)

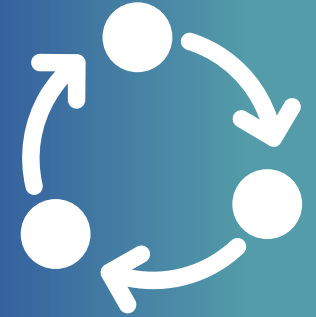
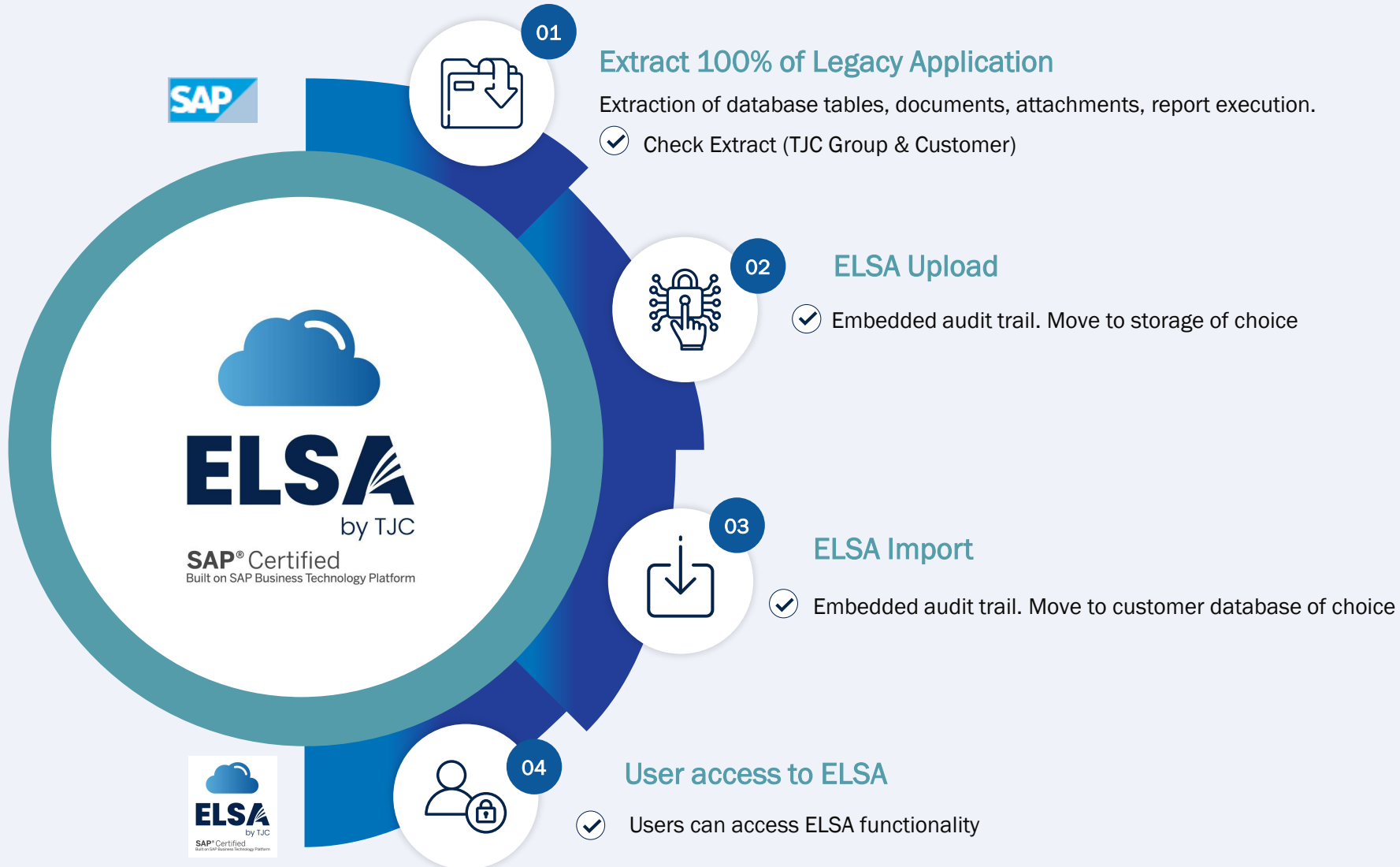
- SAP-native application built and certified on SAP BTP
- Legacy data, documents and reports are re-accessible from ELSA or via SAP S/4HANA's custom Fiori application
- Visualize all the systems that have been decommissioned (SAP and non-SAP systems) through the legacy systems directory
- Embedded audit trail as proof of compliance
- Easy deletion for data privacy requirements (CCPA, Loi 25, GDPR, etc.)
- Data masking features



Architecture



The process from the Legacy Application to ELSA

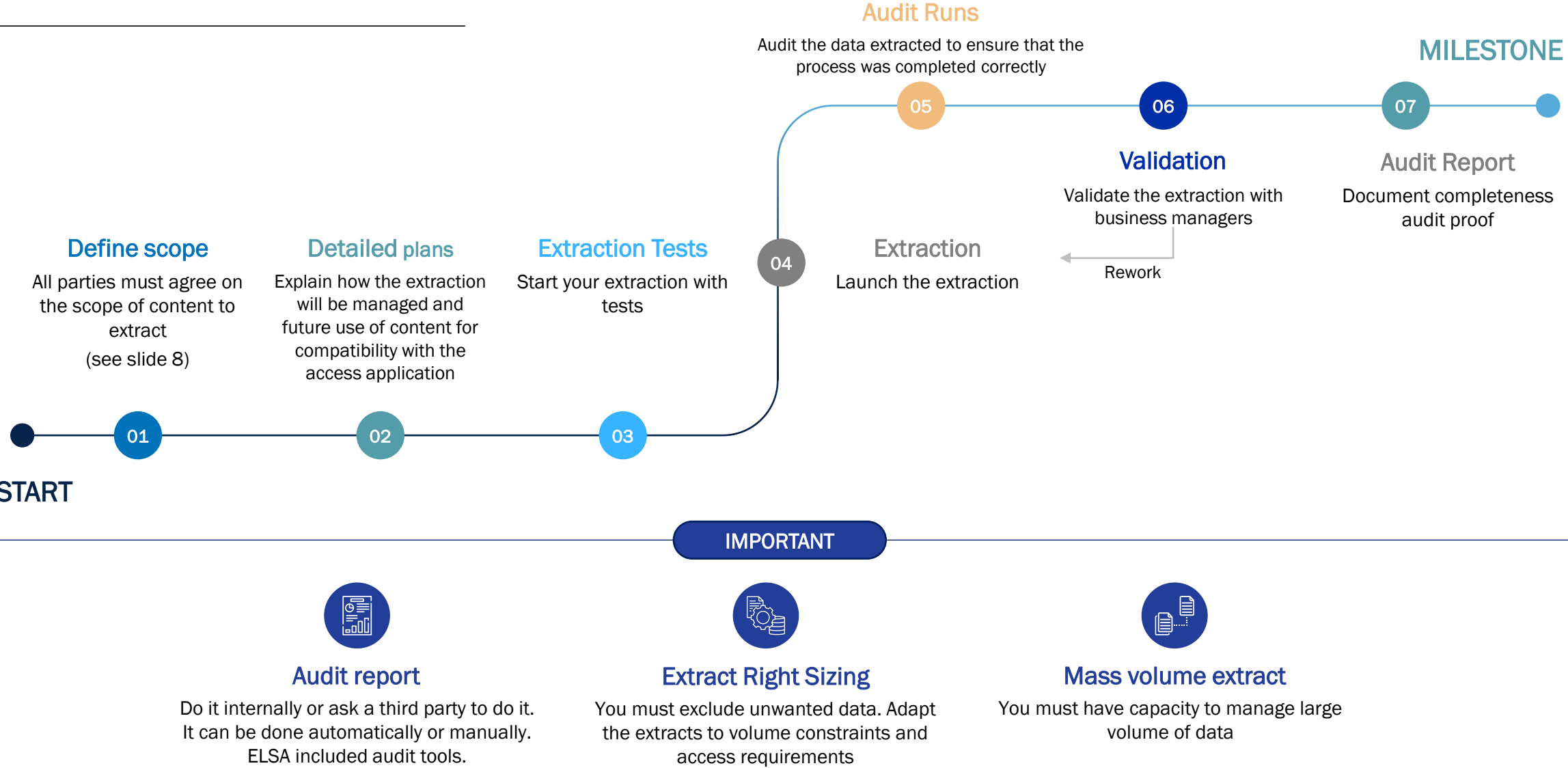


100% of the SAP System
extracted
Data tables, documents,
attachments, report...

ELSA Upload and Import run,
validate and import data into
ELSA.

User authorization
management and go-live per
system in ELSA.

Extraction project



Demonstration

Enterprise Legacy System Application



ELSA
by TJC

SAP® Certified
Built on SAP Business Technology Platform



Customer example

- The business case
- Project accomplishments
- Implementation phases
- Planning your decommissioning project
- Architecture overview



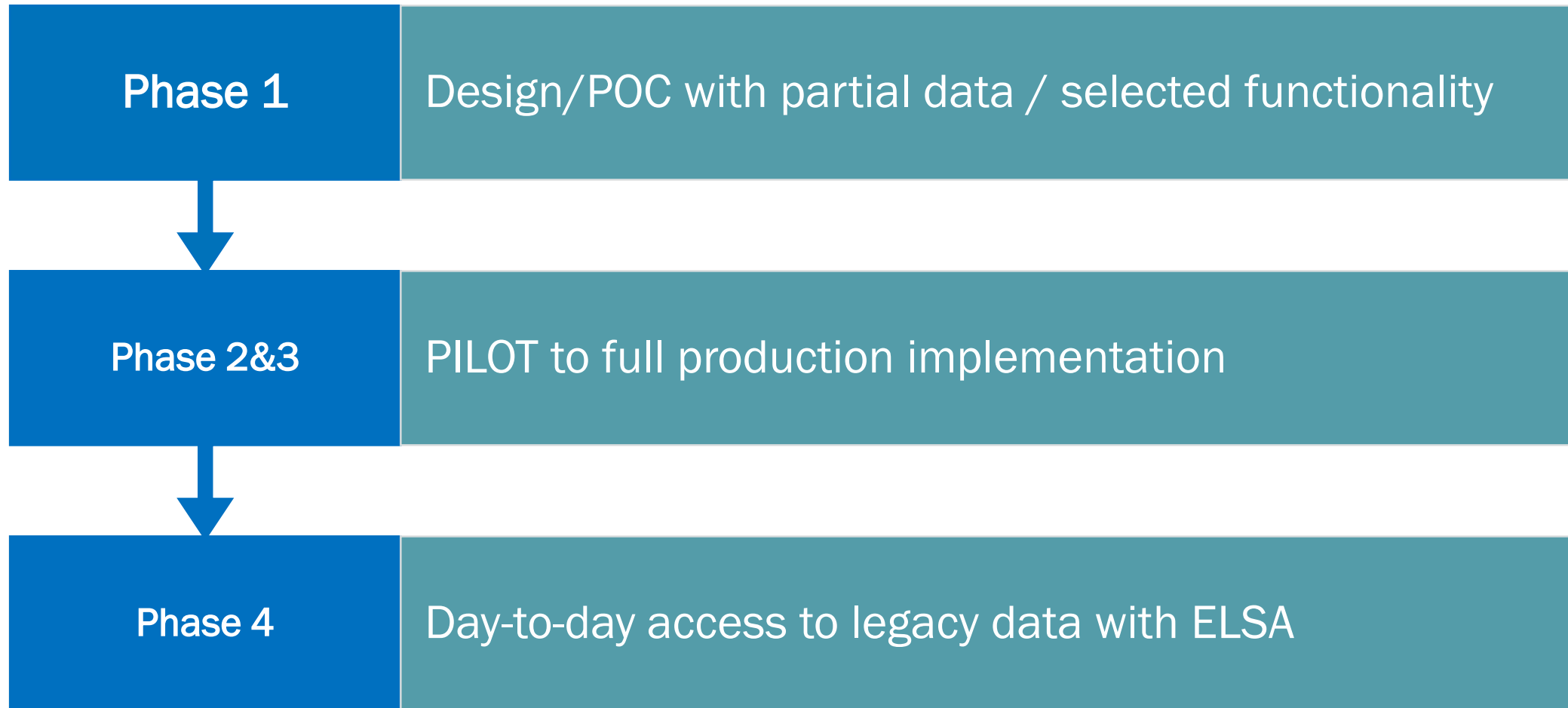
The business case

- Global leader in the construction industry
- Brownfield SAP S/4HANA implementation of financial data without divested companies and HCM data now in SAP Success Factors
- Maintaining legacy SAP ECC6 system not sustainable
 - Operations
 - Costs
 - Resource effort
- Access requirement to HR and financial data of divested companies remained after SAP S/4HANA implementation
- SAP ECC6 system had to be decommissioned before next SAP and database license maintenance renewal

Project Accomplishments

- Extraction of all SAP database tables
- Separated by company codes and fiscal year where feasible
- Full load of all data into Microsoft Azure BLOB storage
- Partial load of relevant data by CC and FY into MySQL database
- Transaction simulations and dynamic queries for "SAP like" retrieval
- Timely SAP ECC6 shutdown and dismantling
- User access to required data

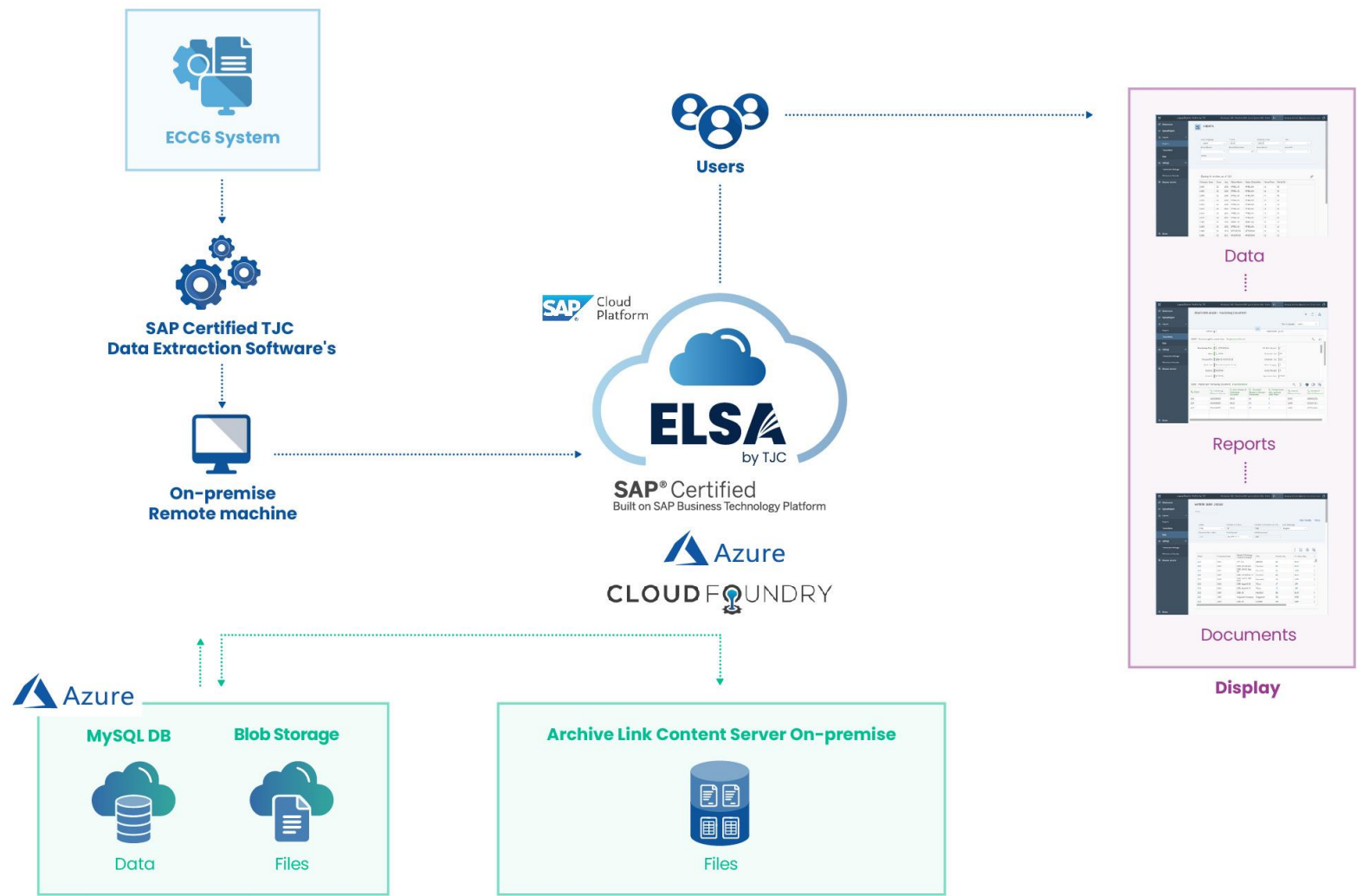
Implementation Phases



Planning your legacy decommissioning project

- Select and extract data
 - Extract data
 - Upload/Import into ELSA Cloud Application
- Define use cases
 - HR use cases
 - ERP use cases
- Validate POC
 - Validate architecture and technical design
 - Validate usability: data presentation and accessibility
 - Validate suitability for legacy system decommissioning

Architecture Overview



Wrap Up

- Legacy decommissioning cannot be avoided for compliance reasons
- Legacy decommissioning creates cost-savings potential (Example savings: \$250k plus per year)
- Legacy decommissioning ensures user access for the life of the data
- Standard projects can be completed in as little as 6 months

Where to Find More Information

- Blog article: [Legacy systems: A journey from sunseting to decommissioning!](#)
- Guide: [Ultimate guide to understanding SAP BTP and System decommissioning](#)
- Report: [SAPinsider Technology Insight on Data Archiving and Decommissioning](#)
- Video explainer: [What is Enterprise Legacy System Application \(ELSA\)?](#)
- Webinar: [“The Nuts and bolts of Legacy System decommissioning”](#)

Key Points to Take Home

- Access to legacy data is underestimated
- Legacy system decommissioning can be a game-changer in the migration to SAP S/4HANA
- Many companies are struggling with the management of legacy environments after SAP S/4HANA migration
- ELSA is an SAP-Certified solution built on SAP BTP to decommission SAP and non-SAP systems.
- The customer example demonstrates how customers can achieve savings with legacy system decommissioning.
- ELSA can be your backbone application for legacy system decommissioning.

Thank you! Any Questions?

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Please remember to
complete your session
evaluation.



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largest and fastest
growing SAP
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with more than
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worldwide.**

Appendix



ELSA by TJC - Data analysis display and extract

Algemeine Tabellenanzeige

A081

Kontraktkonditionen auf Werksebene

Client: 100

Anzahl der Felder: 9

Anzahl der Einträge für alle Clients: 1128

Datensprache: Deutsch

Maximale Trefferzahl: 200

Datumsformat: DD/MM/YYYY

Dezimalschreibweise: 1,234,567.89

Auswahlkriterium

<input type="checkbox"/>	Feldname	Feld Beschreibung	Eingabe	
<input checked="" type="checkbox"/>	MANDT	Mandant	=100	i
<input checked="" type="checkbox"/>	KAPPL	Applikation		i
<input checked="" type="checkbox"/>	KSCHL	Konditionsart		i
<input checked="" type="checkbox"/>	KONT_PACK	Paketnummer des Kontrakts		
<input checked="" type="checkbox"/>	KONT_ZEILE	Zeilennummer des Kontrakts		
<input checked="" type="checkbox"/>	WERKS	Werk		
<input checked="" type="checkbox"/>	DATBI	Gültigkeitsende des Konditio...		
<input checked="" type="checkbox"/>	DATAB	Gültigkeitsbeginn des Kondit...		
<input type="checkbox"/>	KNUMH	Nummer Konditionssatz		

Felder auswählen

☐ kond

<input type="checkbox"/>	Feldname:	Feld Beschreibung
<input type="checkbox"/>	KSCHL	Konditionsart
<input type="checkbox"/>	DATBI	Gültigkeitsende des Konditionssatzes
<input type="checkbox"/>	DATAB	Gültigkeitsbeginn des Konditionssatzes
<input type="checkbox"/>	KNUMH	Nummer Konditionssatz

Als Standard festlegen

Als XLSX exportieren

Als CSV exportieren

Fiscal Year

Bar Chart

Count

Client	Application	Condition type	Package Number	Internal line
100	MS	PRS	0100000147	0000000018
100	MS	PRS	0100000147	0000000019
100	MS	PRS	0100000148	0000000032
100	MS	PRS	0100000148	0000000033
100	MS	PRS	0100000169	0000000003
100	MS	PRS	0100000180	0000000204
100	MS	PRS	0100000180	0000000205
100	MS	PRS	0100000180	0000000206

ELSA by TJC - Data analysis display and extract

Transaktionsübersicht

Anwendungsbereich auswählen

Suchen

Datensprache

Qualitätsmanagement

Search

Deutsch

Stammdaten

Transaktionsdaten

Customizing-Tabellen

QM-Stammpfmerkmale

Bewegungsdaten der Q-Prüfung

Keine Daten

QM-Prüfmethoden

Fehlermöglichkeits- und Einflussanalyse

Physische Proben

Enterprise Legacy System Application by TJC

Workspace D60FULL - Full Import (including Others) - Admin

EN

Akshay

Tables

Search field name/descr...

Document Header: Invoice Receipt

Client:

Fiscal Year:

Document Number of an Invoice Document:

Document Type:

Document Date:

Document Item: Incoming Invoice

Client:

Indicator: Document is posted to a previous period:

Accounting Document Number:

Delivery costs:

Object: TJCTESTOBJ

Description: This is a test object.

Save

Reset

Objekt-Datenanzeige - DEMO- Materials Management: Invoice Documents

Datumsformat DD/MM/YYYY

Datensprache Deutsch

Belegnummer: 5105603262

Bestell-ME: ST

Best.materiale: M-01

Geschäftsjahr: 2000

Menge BPME: 1.000

RchgBelegMenge: 0.000

Position: 000001

BestPreis-ME: ST

LiefRchgMe BP: 0.000

Einkaufsbeleg: 4500008308

Gesamtbestand: 29.000

RchgBetrag FW: 0.00

Belegkopf für Buchhaltung - BKPF

Bezüglich: Document Header: Invoice Receipt - RBKP

Einzelner Datensatz gefunden

Mandant: 100

Währung: DEM

Ausgangswähr: 2

Buchungskreis: 1000

Umrechnungskurs: 0.51129

Ausgangswähr: 2

Belegnummer: 5100000051

Konzernkurs: 0.00000

UmrechnDatum: 3

Geschäftsjahr: 2000

Ungeplante BNK: 0.00

UmrechnDatum: 3

Belegart: RE

Betr. Vorg.: RMRP

Währungstyp: 30

Belegsegment Buchhaltung - BSEG

Bezüglich: Accounting Document Header - BKPF

3 Datensätze gefunden

Mandant	Buchungskreis	Belegnummer eines Buchhaltungsbeleges	Geschäftsjahr
100	1000	5100000051	2000
100	1000	5100000051	2000

600 default Transactions
Create your own
Customize
No SAP mimic

Object overview: DEMO- Materials Management: Invoice Documents

Application Areas

Asset Accounting, Materials Management

Document Header: Invoice Receipt RBKP 1 lines

Document Item: Incoming Invoice RSEG 1 lines

Accounting Document Header BKPF 1 lines

Accounting Document Segment BSEG 3 lines

ELSA Access : workspace, static audit & reports

Legacy Systems Directory

Manage workspaces. Workspace is a storage for a Legacy System data.

Create workspace

Workspace	Description	System Type	Created On	Workspace context	Access Level
D60	Test data from D60 / 100	SAP ERP	Apr 8, 2020	Decommissioning	Admin
BLE	multitude test system	SAP ERP	Apr 8, 2020	LSO	Admin
D61	Decommission of SAP System	SAP ERP	Apr 8, 2020	Decommissioning	Basic
D62	Smart Data Access IS4	SAP ERP	Apr 8, 2020	Decommissioning	Admin
MFGPro	Proof of concept for MFGPro system	Non-SAP system	Nov 26, 2020	Decommissioning	Admin
HCM	Data for HCM demonstration	SAP ERP	Aug 28, 2020	Decommissioning	Admin

0 per Table

1 per Transaction

0 per File

Logs

Log entries for file 001196_000001_000001_PCL1_TJC_B1_NCT_1.ais

Lines processed 0 lines | Size 16.59 KB | Errors 0 | Warnings 0 | Upload started -- | Uploaded on -- | Encryption 100% | Validation 100% | ...

Type	Message	Line number	Created On
①	File 001196_000001_000001_PCL1_TJC_B1_NCT_1.ais encryption started		Sep 9, 2021, 11:13:54 f 63
①	File 001196_000001_000001_PCL1_TJC_B1_NCT_1.ais validation started		Sep 9, 2021, 11:13:56 f 63
①	File 001196_000001_000001_PCL1_TJC_B1_NCT_1.ais encrypted successfully		Sep 9, 2021, 11:13:56 f 63
①	Unencrypted original of file 001196_000001_000001_PCL1_TJC_B1_NCT_1.ais removed from blob storage		Sep 9, 2021, 11:13:56 f 63

Reports (577)

Buchungskreis	Gruppe	Jahr	Report Name	Berichtsbeschreibung	Zeitraum von	Zeitraum bis
1000	O2	2005	RFBELJ00	Beleg-Kompaktjournal	01	03
1000	O2	2005	RFBELJ00	Beleg-Kompaktjournal	04	06
1000	O2	2005	RFBELJ00	Beleg-Kompaktjournal	07	09
1000	O2	2005	RFBELJ00	Beleg-Kompaktjournal	10	12
1000	O2	2005	RFBELJ00	Beleg-Kompaktjournal	13	16
1000	O2	2006	RFBELJ00	Beleg-Kompaktjournal	01	03

ELSA by TJC - Dynamic Report (ELSA FIORI)



Dynamic report like SAP SQVI
From scratch or
From recorded queries

Join Condition

Output Fields

Condition

View Output

Tables

☐

Tables

☐

EKKO

☐

EKPO

i

i

Join Conditions

☐

Table

☐

EKKO

EBELN

=

EKPO

EBELN

☐

EKKO

LPONR

=

EKPO

EBELP

☐

EKKO

MANDT

=

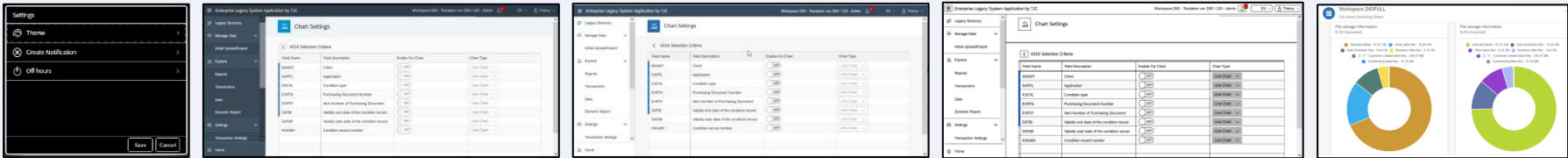
EKPO

MANDT

Search

Variant Name	Variant Description	Protected	Created On	Created By	Changed On	Changed By
PO_REPORT	Purchasing Report	<input checked="" type="checkbox"/>	Wed, 28 Jul 2021 02:00:26 GMT	arathi@tjc-group.com		
PO_REPORT1	test	<input type="checkbox"/>	Mon, 16 Aug 2021 02:24:35 GMT	ajain@tjc-group.com		
PROTECTEDTEST	Created for testing protected variant purpose	<input checked="" type="checkbox"/>	Tue, 03 Aug 2021 07:31:14 GMT	bhagat4snehal123@gmail.com	Mon, 20 Sep 2021 02:42:20 GMT	bhagat4snehal123@gmail.com

Last,
ELSA Access build on Open UI5
(Open source version of FIORI)



Attached documents

- Copy of received invoices
- Copy of issued invoices



Affichage des données de l'objet - Factures

Document commercial: statuts d'en-tête et données de gestion - VBUK

Un seul enregistrement trouvé

Mandant :	100	Statut global :	C	Objet document :	E
Doc. commercial :	0090027043	Type doc.commer :	M	Version SAP :	46C
Statut comptab. :	C				

Facture : données en-tête - VBRK

Liée à : Document commercial: statuts d'en-tête et données de gestion - VBUK

Un seul enregistrement trouvé

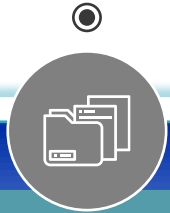
Mandant :	100	Statut comptab. :	C	Devise statist. :	USD
Facture :	0090027043	Cours pr compt. :	1.00000	TypeLisFactures :	LR
Type de facture :	FP	Dates val.sup :	00	Sect.d'activité :	R1
Catég. facture :	W	Cond. paiement :	0001	Cours :	0.00000

TJC GROUP AT A GLANCE



TJC Group: 4 Areas of expertise

01



Data Archiving & SAP ILM

- Make the right-sized move to **SAP S/4HANA** and lower the TCO of **S4**; automation of recurring data archiving for long-term benefits.
- Landscape Transformation

02



Data Privacy management

- Manage data in your **SAP** systems to comply with data protection laws.

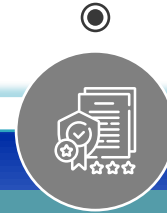
03



Retirement of legacy systems

- For SAP and non-SAP systems
- Based on SAP Business Technology Platform (BTP)

04



Compliance: tax & audit readiness

- Compliant with tax and audit regulations
- Compliant with FEC and SAF-T regulations