




WEBINAR

***PER MAUSKLICK NACH S/4HANA  
MIT BÜHLER AG UND jivs***

 **16.02.2023**



JiVS IMP is a product of



# WELCOME



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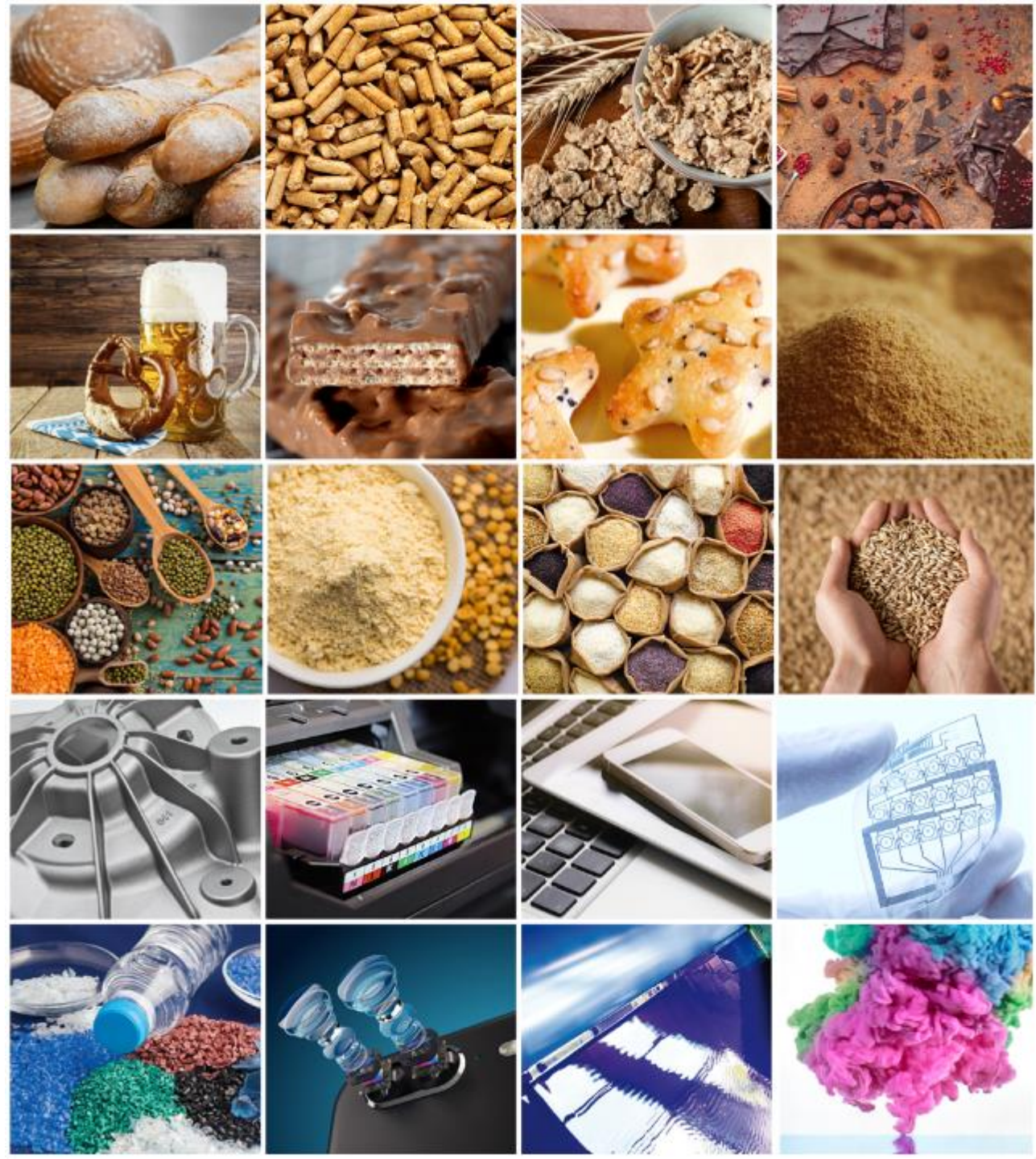


# AGENDA

- 01 Bühler Introduction & SAP Overview
- 02 Usage of JiVS at Bühler
- 03 SAP S/4HANA Conversion
- 04 Historization Integration SAP-JiVS



Markus Suter  
Head of Business Processes & Applications  
at Bühler





01

Bühler Introduction & SAP Overview

Close to customers

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Global network

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Family owned

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Innovation and education



12,500  
Employees



140  
Countries



CHF 2.7 bn  
Turnover



5%  
of turnover for innovation

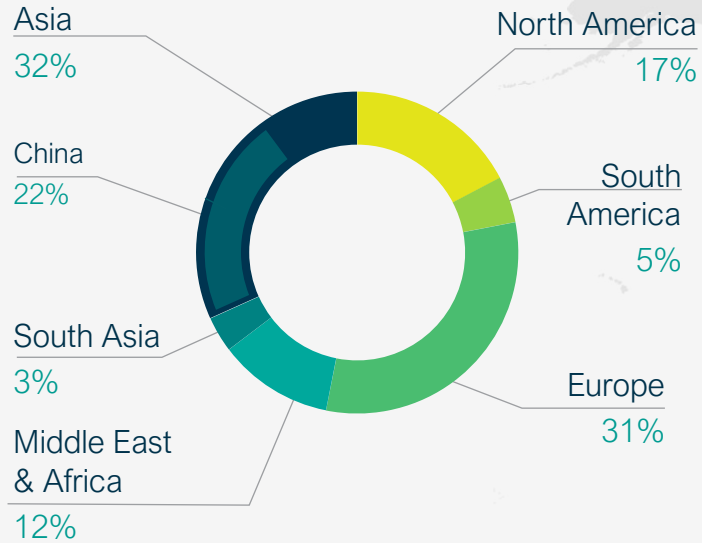


47.2%  
Equity ratio



# A unique global presence

Regional performance 2021  
Order intake in mCHF and %



103  
service  
stations

86  
sales  
offices

30  
manufacturing  
sites

24  
application  
centers\*

8  
training  
centers

\* Bühler has Application & Training Centers in 24 locations, some of which cover multiple industrial applications. 6



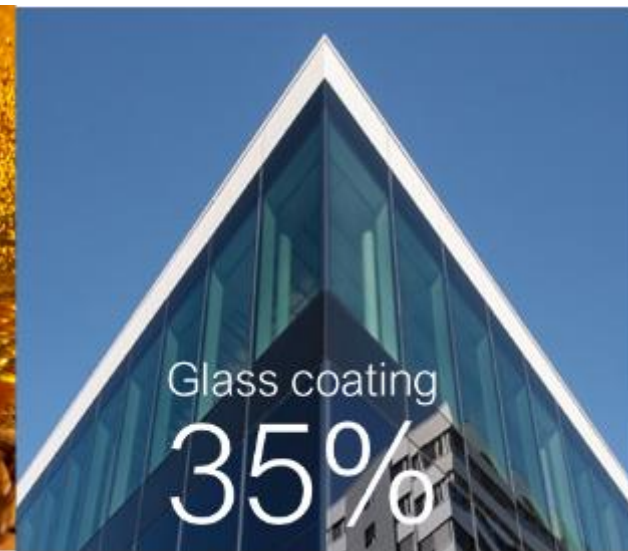
Milling Solutions  
65%



Plant-based meat  
20%

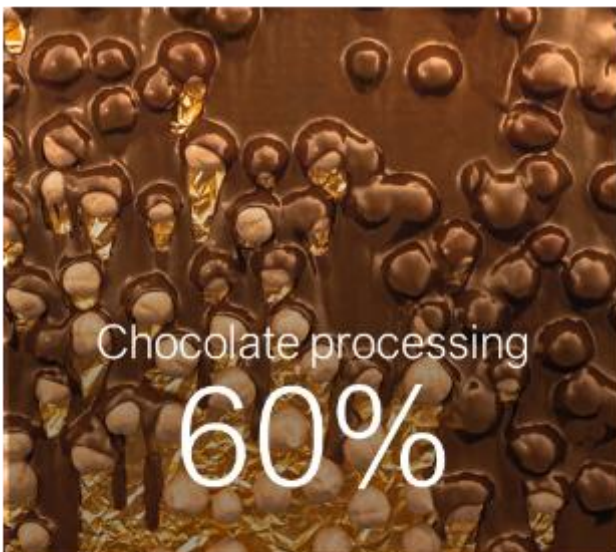


Malting  
75%

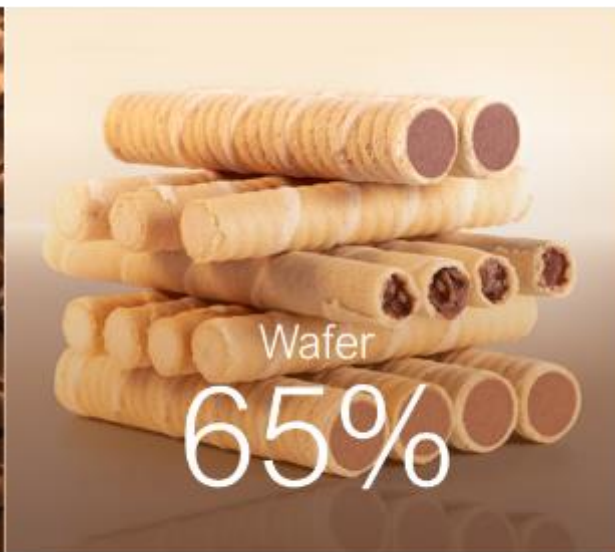


Glass coating  
35%

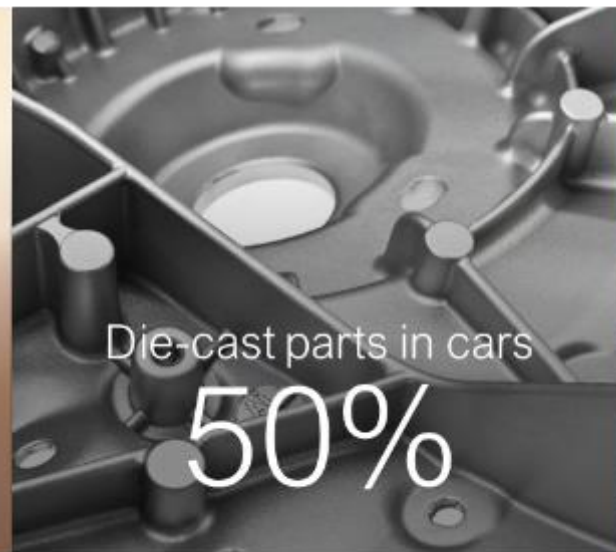
Market leadership in the industries we are active in



Chocolate processing  
60%



Wafer  
65%



Die-cast parts in cars  
50%



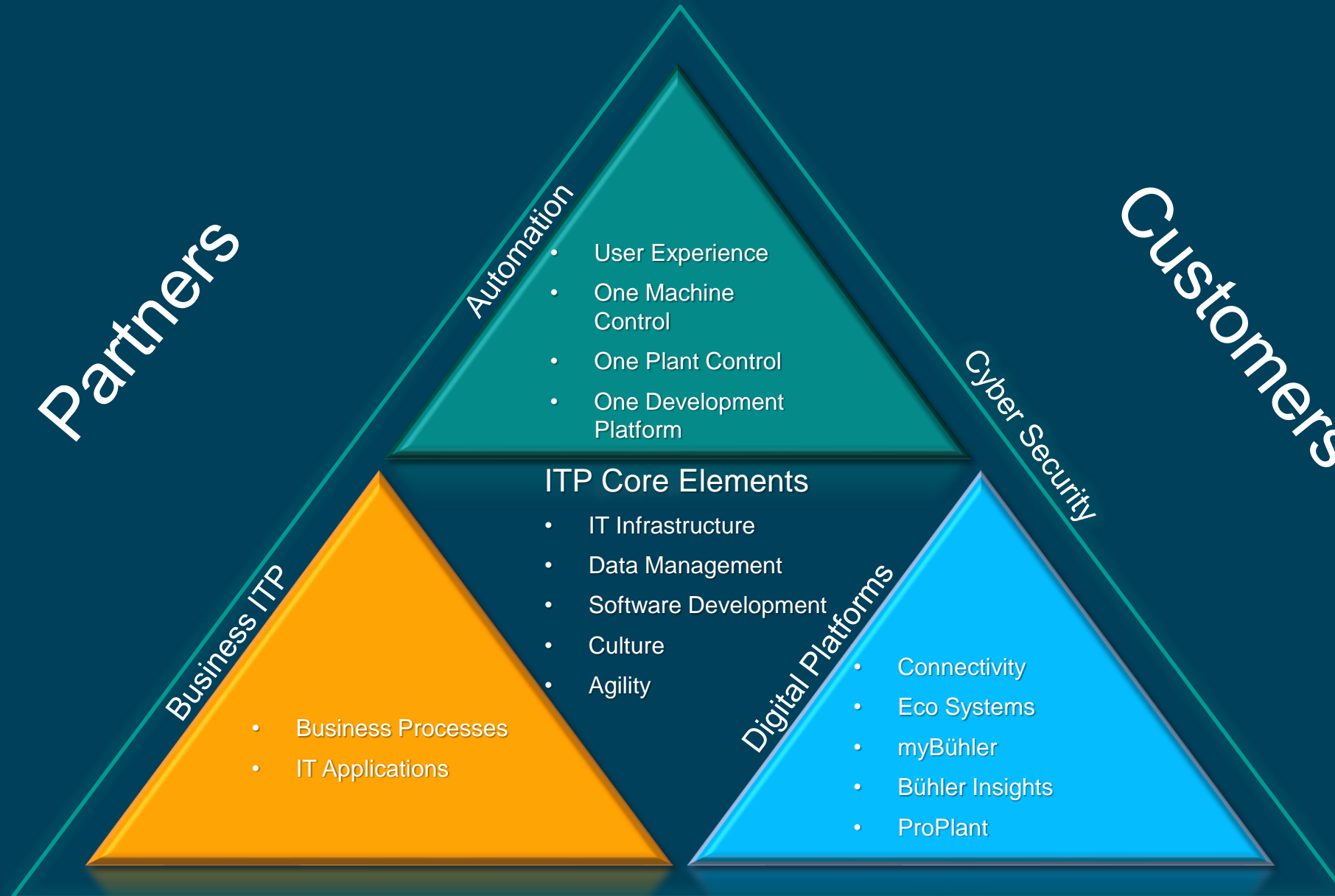
Packaging inks  
35%



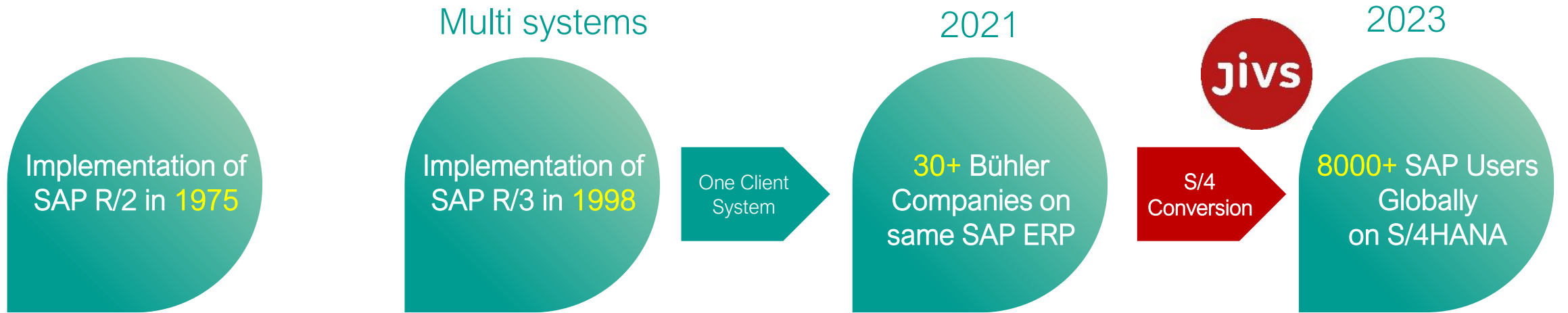




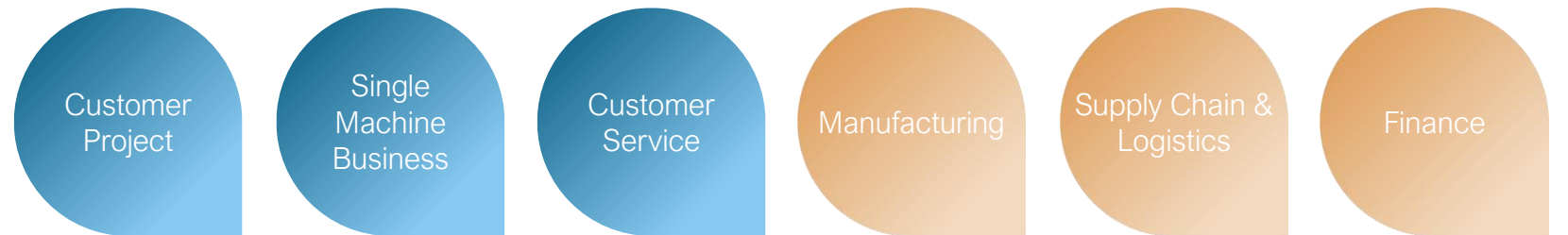
# Overview – How do we become a digital company?



# Usage of SAP at Bühler



## Main Processes on ERP:



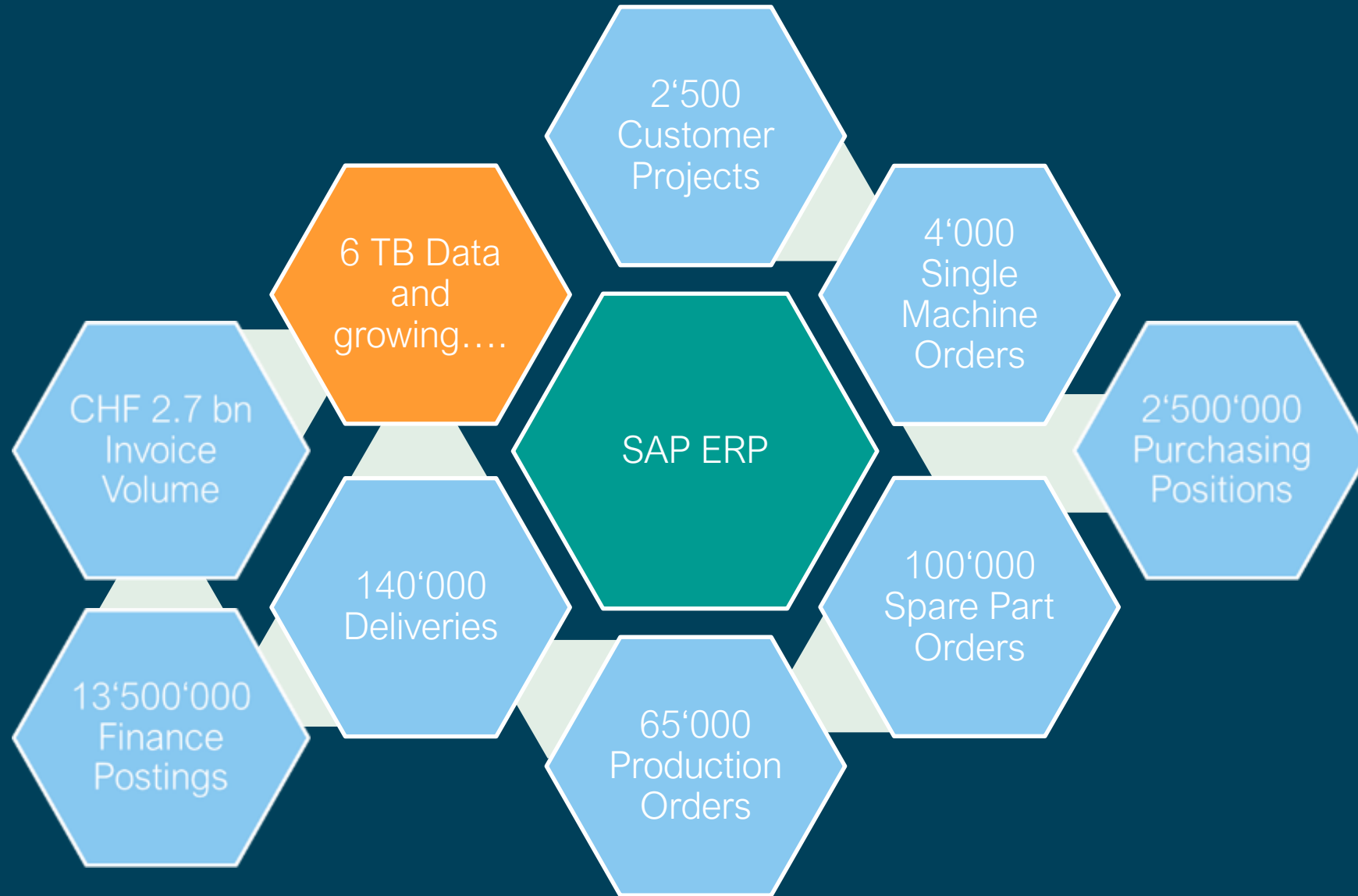
## Main SAP Systems:





# SAP – In the core of Bühler

(Yearly Figures)





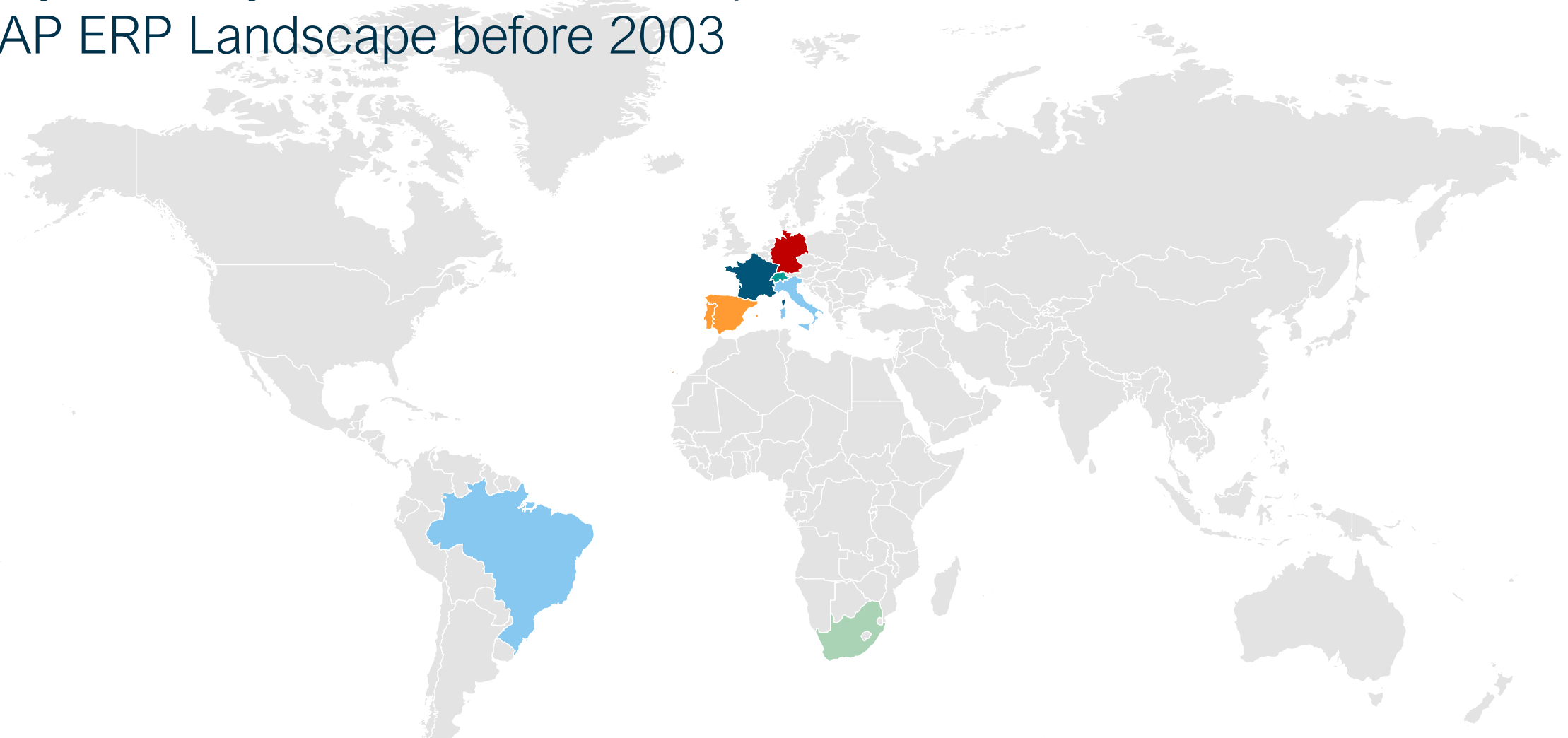
02

Usage of JiVS at Bühler



# Why was a system historization important for Bühler?

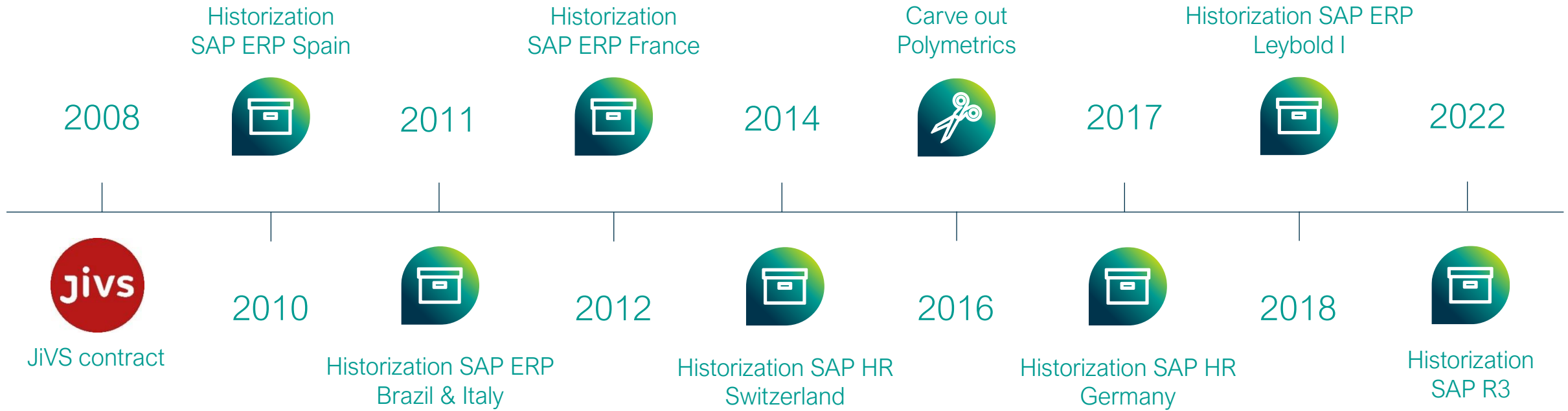
## SAP ERP Landscape before 2003



### Way forward from 2003

- Decision to establish globally a one-client SAP ERP with the same processes and data.
- The history data is still required for Financial, Tax, Manufacturing and Customer Service purposes.
- It is economically not interesting to keep SAP ERP systems running only to display legacy data. (software & hardware upgrades)
- The legacy data must be electronically saved and “easy” to find.

# JiVS Historization projects journey



The following future projects are in the pipeline:

- SAP ERP Leybold II
- Historization SAP ERP Czech Republic
- Historization SAP ERP Haas (Austria, Denmark and China)
- Historization of non-SAP systems



# Architecture overview simplified



# JiVS benefits for Bühler

*The historization projects are fairly “easy”.*

*Country specific objects are included.*

*The maintenance efforts of the JiVS application are very small.*

*It is not difficult for the users to find the history data, since it follows the same structure and data model as SAP ERP.*



80%

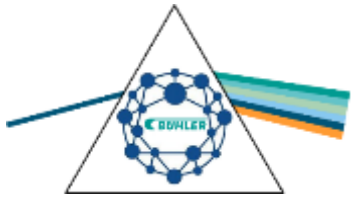
Operations cost reduction as old SAP ERP could be shut down



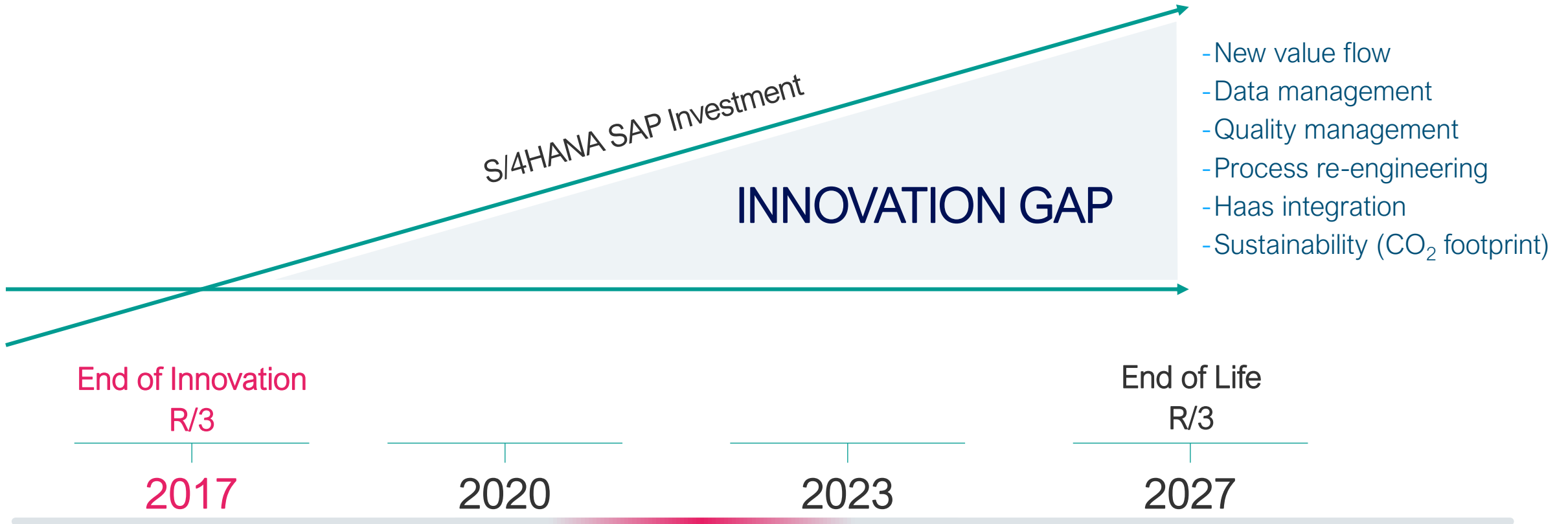
03

SAP S/4HANA conversion



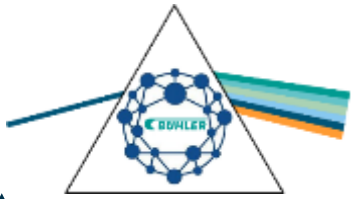


# We have to protect our investment



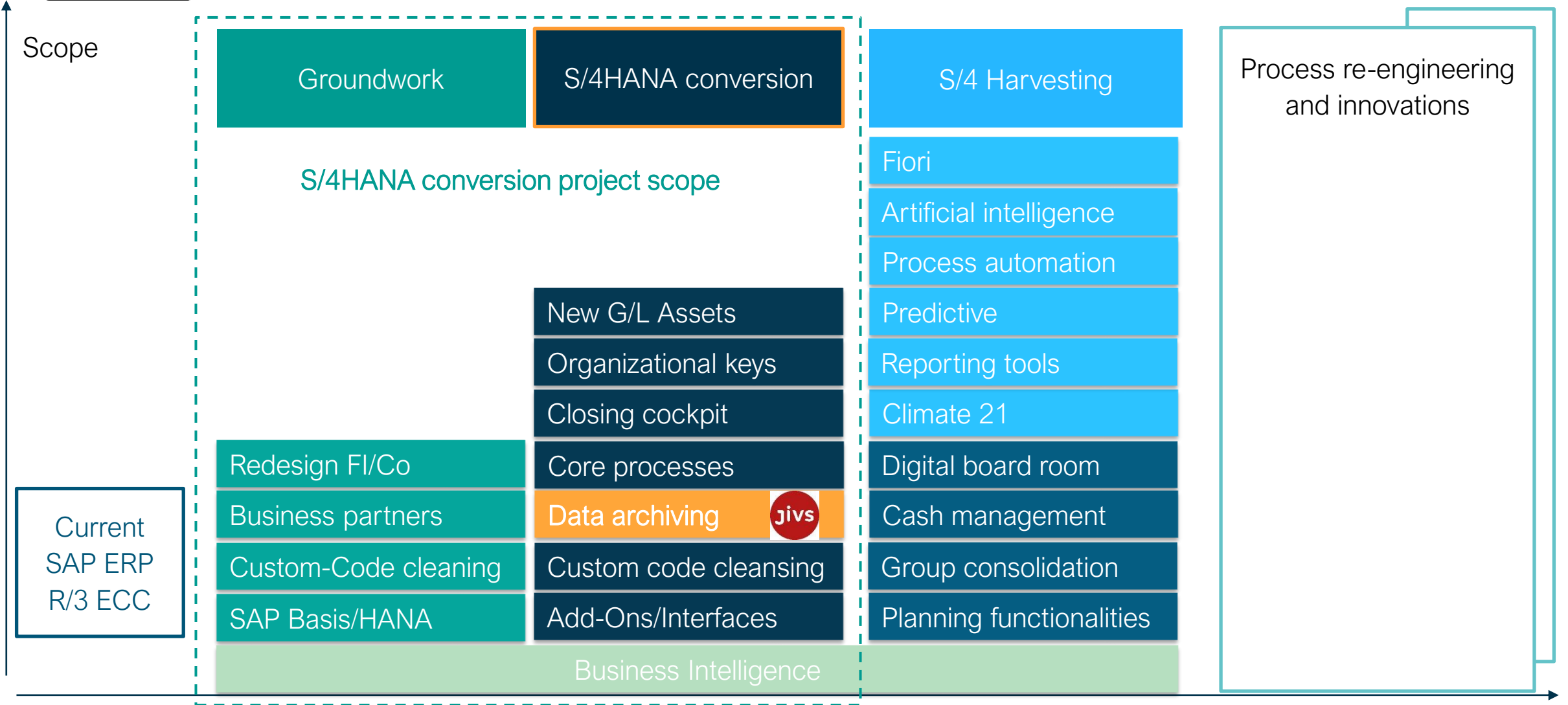
## Investment protection

- The more you install in R/3, the more you must convert/migrate later again.
- Move fast to S/4HANA without process re-engineering but get read of “speaking organizational keys”.
- No double “integration” of latest acquisition first on SAP R/3 and afterwards on conversion on S/4HANA.



# Fast S/4HANA conversion, no process redesign

## Go-live 15.08.2022





# Selective data conversion concept

- 01** Selective data migration  
All master data and take over of last 5 years transactional data & positive projects list.
- 02** Selective company structure conversion  
Selective company codes, sales organization, purchase organization, plants migration & renaming (e.g. BUZ to 1020)
- 03** Divisions & profit centers  
Merger & renaming of Divisions (e.g. MU,FS,NV to C1)
- 04** Chart of accounts  
Merger of 2 charts of accounts, cleansing and renaming (BUZ/BUZ1 to 1000)
- 05** Controlling area  
Controlling area renamed (BUZ to 1000)





04

Historization Integration SAP-JiVS

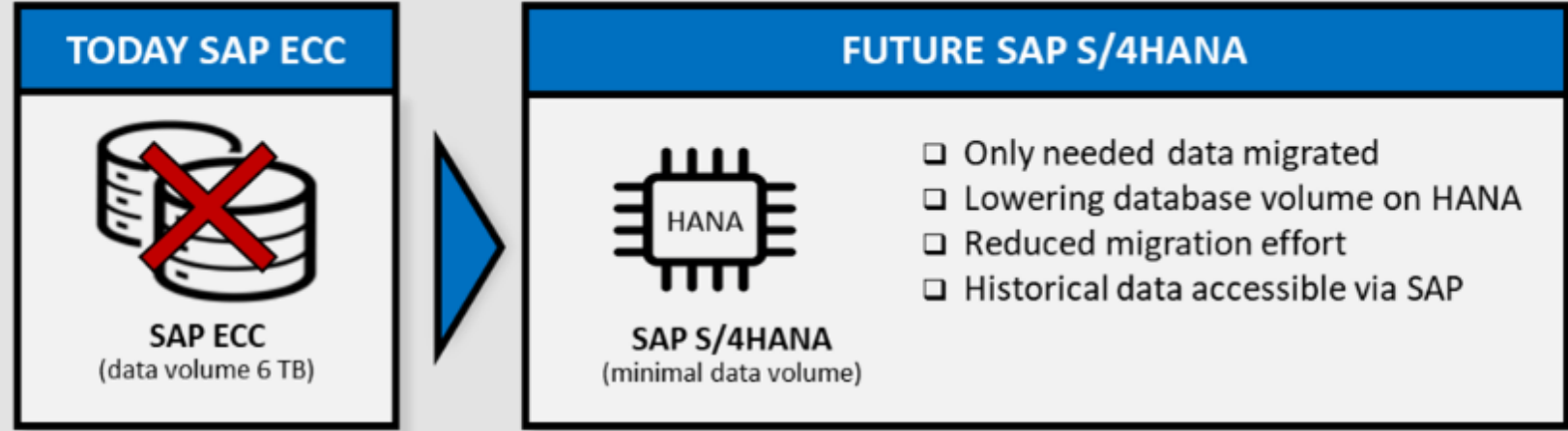


## Solution architecture

- Complete load of all data (100%)
- IT operational cost reduction (80%)
- Meet compliance requirements
- Seamless access to historical data

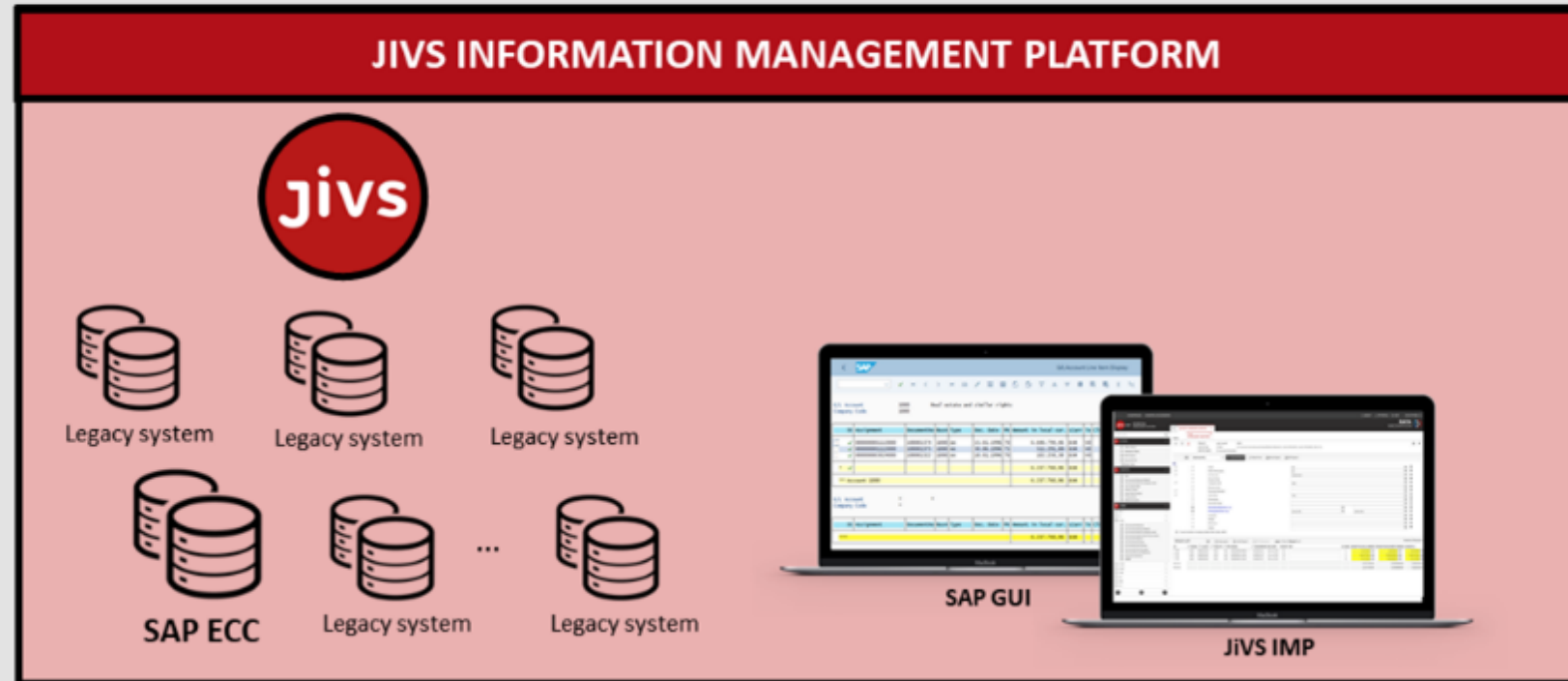
1

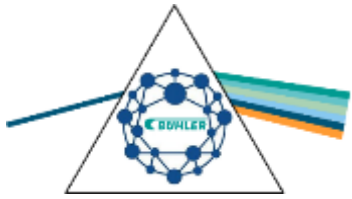
## SELECTIVE DATA MIGRATION



2

## HISTORIZATION





# Historization Integration SAP-JiVS

## Purchasing Documents - ME2L



Program Edit Goto System Help

uznk19.buhler-td.com DE German (Switzerland)

### Purchasing Documents per Supplier

Choose...

JiVS

Read archive

Supplier: 16120800 to

Purchasing Organization: to

Scope of List: BEST to

Selection Parameters: to

Document Type: to

Purchasing Group: to

Plant: to

Item Category: to

Account Assignment Category: to

Delivery Date: to

Validity Key Date: to

Range of Coverage to: to

Document Number: to

Material: to

Material Group: to

Document Date: to

Intern. Article No. (EAN/UPC): to

Supplier's Material Number: to

Supplier Subrange: to

Promotion: to

Season: to

Season Year: to

Short Text: to

Supplier Name: to

List Edit Goto Environment System Help

uznk19.buhler-td.com DE German (Switzerland)

### Purchasing Documents per Supplier

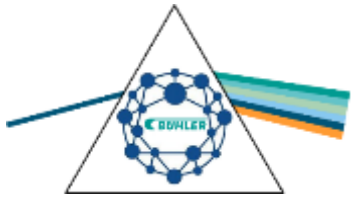
Print Preview PO History Changes Delivery Schedule Services

PO	Type	Supplier	Name	Item	Material	Order Qty	Un	Short Text	Net Price	Curr.	Mat. Group	Per Unit	POp	Order Date
48227131	ES	16120800	Buhler AG										B12	19.07.2016
0001	MISC	3039010	guide plate L=1200	S C	0601	1.00	PCS	134.72	EUR	0.00	1	PCS		
						0.00	PCS	0.00	EUR	0.00				
						0.00	PCS	0.00	EUR	0.00				
0002	MISC	30042010	guide plate L=1200	S C	0601	1.00	PCS	98.47	EUR	0.00	1	PCS		
						0.00	PCS	0.00	EUR	0.00				
						0.00	PCS	0.00	EUR	0.00				
0003	MISC	30043010	guide plate L=1200	S C	0601	1.00	PCS	75.21	EUR	0.00	1	PCS		
						0.00	PCS	0.00	EUR	0.00				
						0.00	PCS	0.00	EUR	0.00				
0004	MISC	40044010	flap	S C	0601	1.00	PCS	41.70	EUR	0.00	1	PCS		
						0.00	PCS	0.00	EUR	0.00				
						0.00	PCS	0.00	EUR	0.00				
0005	MISC	40046010	batten L=1200	S C	0601	1.00	PCS	12.18	EUR	0.00	1	PCS		
						0.00	PCS	0.00	EUR	0.00				
						0.00	PCS	0.00	EUR	0.00				
0004	UNK	48103049	rubber hollow spring D=9x90	S C	0601	200	PCS	52.50	EUR	0.00	1	PCS		
						0.00	PCS	0.00	EUR	0.00				
						0.00	PCS	0.00	EUR	0.00				
0007	MISC	3006010	inlet hose D=210	S C	0601	200	PCS	170.68	EUR	0.00	1	PCS		
						0.00	PCS	0.00	EUR	0.00				
						0.00	PCS	0.00	EUR	0.00				
0008	MISC	3044810	aspiration hose D=510	S C	0601	200	PCS	244.28	EUR	0.00	1	PCS		
						0.00	PCS	0.00	EUR	0.00				
						0.00	PCS	0.00	EUR	0.00				
0009	UNK	20201032	illumination part WM 113/W1 210V 50/60Hz											

Zur Suche Text hier eingeben

ME2L UZM439 JI45 DEU 05.11.2021





# Historization Integration SAP-JiVS

## Z-transactions



The screenshot displays the SAP M-SD Information System interface. On the left, the 'SELECTION CRITERIA' section includes fields for 'Direct Selection' (M-SD Order, Network Id, Prod. Order) and 'Multiple Selection via M-SD' (Sales Organization, Plant, Sched. line category, Industrial Engineer, Manufacturing Planner, Creation Date, Delivery Date, Division, Material, Item category, Sold-To Party, Sales Document Type, M-SD Order, SD-/PS-Number, Network-ID). Below these are checkboxes for 'with Delivery Block on M-SD', 'with closed M-SD', 'only with rejected M-SD', and 'with ATP-Missing Part Check (slow response time)'. The main area shows a table titled 'M-SD Information System: 1 Records' with columns for 'Rf.', 'E03 AC', 'E03 PL', 'E03 Status', 'E05 AC', 'E05 BL', 'Delivery Date', 'E05 PL', 'DD-E05PL', 'E05 EA', and 'E05 Status'. A 'Details' pop-up window is open on the right, showing the following data:

Field	Value
Group description	Cell Content...
Delivery Date - E05 PL	OO
Created Date	21.04.2017
Req. Deliv. Date	28.08.2017
M-SD Order	3013938612
Material	BCFA-83004-810
Cpher	BCFA
M-TA status	OO
O-BOM	OO
O-BOM Check	OO
Cost Calculation	OO
Item (SD)	11
M-TA Change Status	OO
M-SD Sheet	
Plant	0105
Division	ES
Customer Ref. Date	02.01.2017
Profit Center	ES
Final Ship-To	12540640
Final Ship-To Name	Empresas Carozzi S.A
Final Ship-To Country	Chile

JiVS  
 Read archive

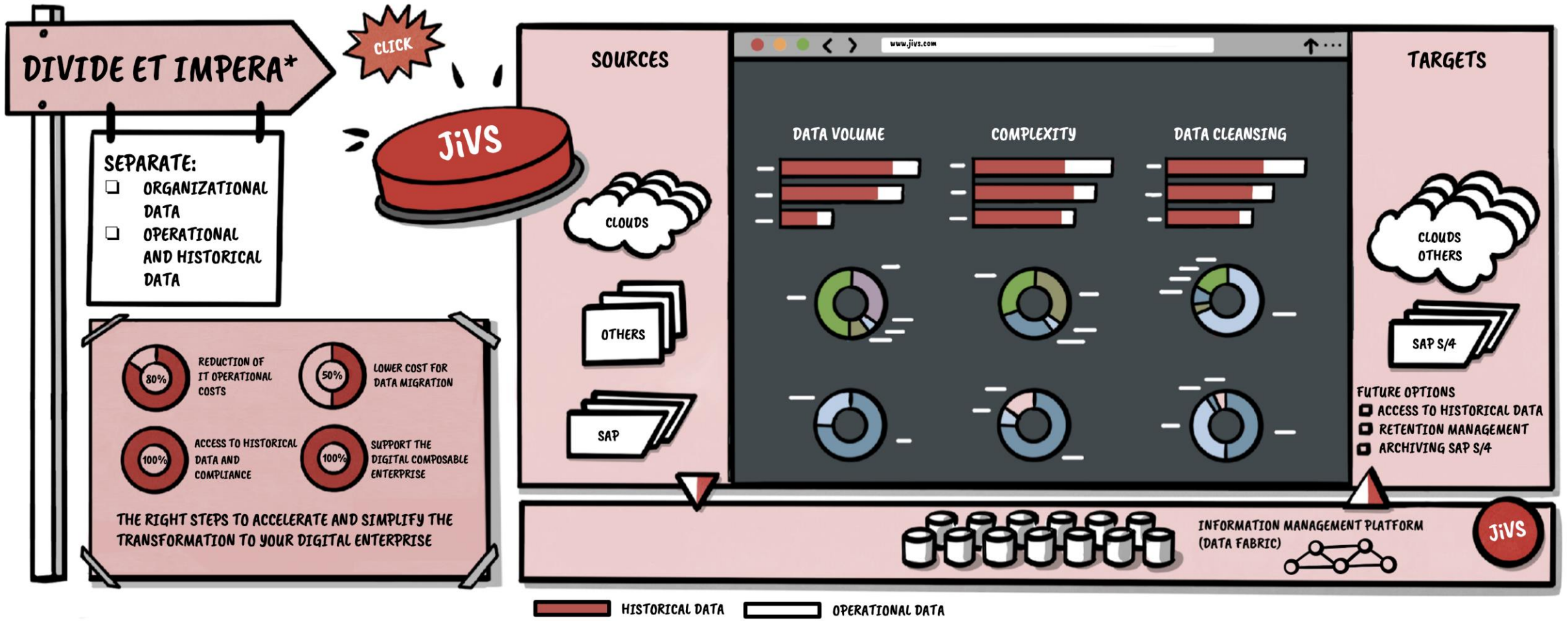


## KEY MESSAGES

- Bühler strives for global standardized processes and systems across all Business Units
- Phase out of legacy systems (historization) is done with JiVS
- The data historization with JiVS in the S/4 conversion has lead to a massive reduction of the data volume
- Legacy data can be accessed directly through S/4HANA integration (where meaningfull) or via the JiVS UI



# OUR APPROACH – YOUR BENEFITS

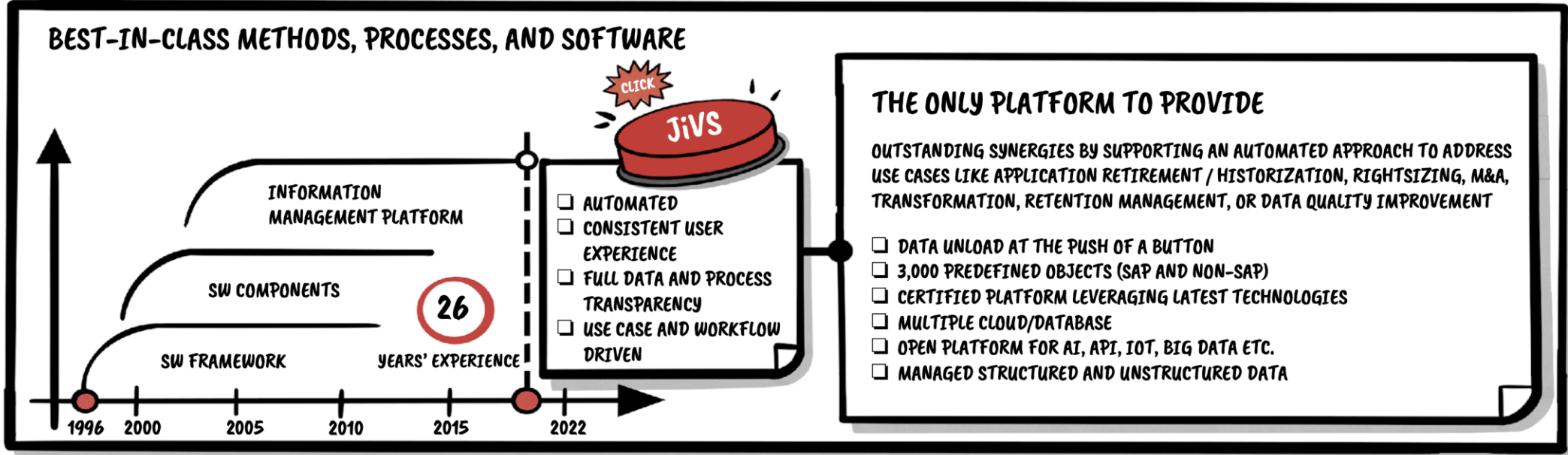


\* DIVIDE AND CONQUER (TEILE UND HERRSCHE): A BASIC PRINCIPLE TO MASTER COMPLICATED PROBLEMS KNOWN SINCE THE ROMANS, AMONG OTHERS APPLIED BY THE SWISS COMPUTER SCIENTIST PROF. DR NIKLAUS WIRTH, "SEPARATE ALGORITHMS FROM DATA STRUCTURES"





# OUR PLATFORMS AND METHODS ARE BASED ON PROVEN EXPERIENCE



**CUSTOMERS IN ALL INDUSTRIES**

AND MANY MORE

**2,000 IMPLEMENTATIONS**

**WORLDWIDE PARTNER NETWORK**

**SAP CERTIFIED**  
INTEGRATION WITH SAP S/4 AND PART OF THE "RISE WITH SAP AND MOVE360" PROGRAMS. SAP-APP CENTER

**GARTNER POSITIONS:**  
"Jivs IS THE LEADING PROVIDER FOR APPLICATION RETIREMENT"

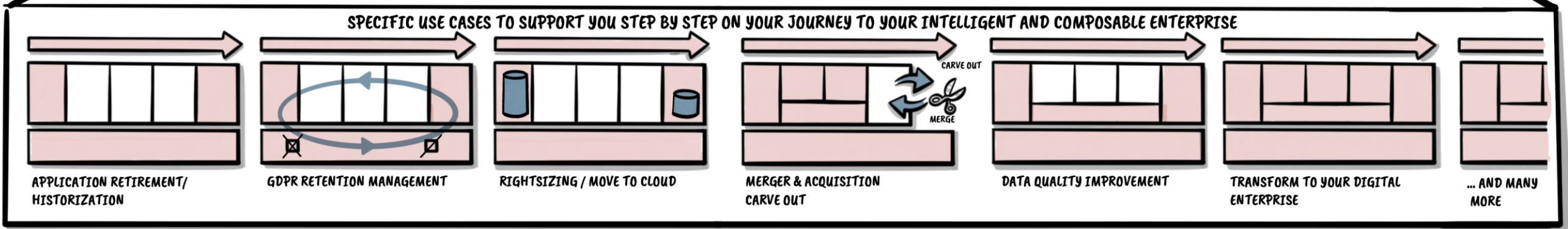
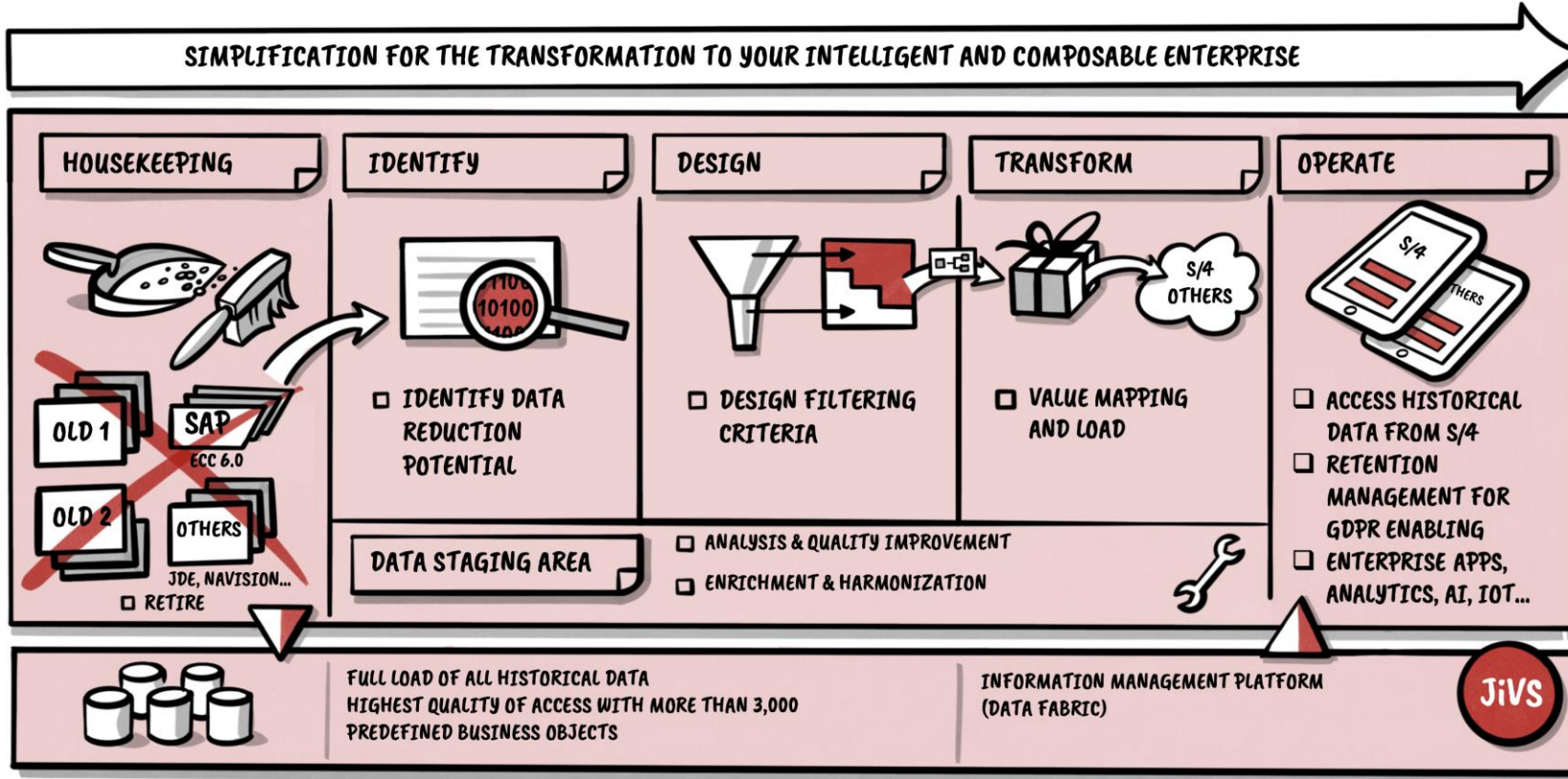
**GARTNER CONFIRMS:**  
"THE Jivs APPROACH TO SWITCH TO SAP S/4 HANA IS GAME CHANGING!"

**GARTNER REFERENCE MODEL**  
FOR INTELLIGENT, COMPOSABLE BUSINESS APPLICATIONS-ENABLED WITH Jivs IMP DATA FABRIC

**INTELLIGENT END-TO-END INFORMATION MANAGEMENT**



# ONCE THE RIGHT BUTTON IS PRESSED, SUBSTANTIAL BENEFITS ARE REALIZED







JIVS DASHBOARD

## OFFERING

### CONTENT

- ❑ Evaluate the data of your SAP ECC system
- ❑ Identify old, infrequently accessed or not needed data
- ❑ Analyze scenarios to confirm what data can be omitted from the migration to SAP S/4HANA
- ❑ Determine data reduction potential for the future SAP S/4HANA system

### DELIVERABLES

- ❑ Fact based analysis on real data of your SAP ECC system
- ❑ Understand data reduction potential
- ❑ Determine needed data, organizational units and document types
- ❑ Estimate target data volume for SAP S/4HANA

### EXECUTION

- ❑ SAP ABAP transport to be installed by customer
- ❑ Delivery of the results after approx. 1 week

# CONTACT

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

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**DATA**  
MIGRATION   
INTERNATIONAL