



# SAP INTEGRATION DE-CODED: FROM COMPLEXITY TO CLARITY

# AGENDA

## 01. INTRODUCTIONS & SPEAKERS

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An introduction to our speakers

## 02. OVERVIEW

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Integration drivers

Case Example – From Report to Source

Integration Maturity

## 03. SAP AS SOURCE

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SAP Terminology

Integration Architecture

Demonstration

Example BDC as a connectivity layer

## 04. Q&A

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Your chance to ask us any questions



# SPEAKERS



**Renan Lopes**

Senior Solutions Consultant,  
OneStream

- Has a focus on helping customers, particularly those using SAP understand the simplicity and value of integrating with OneStream's unified platform.
- Over 20 years of experience as a certified SAP professional, with a strong track record in enterprise architecture, global implementations, and technical leadership.
- Offers a wealth of corporate experience gained at global IT leaders such as IBM, HP, CGI, Atos, and NTT Data. Worked as an SAP Technical Architect for most of these organisations.



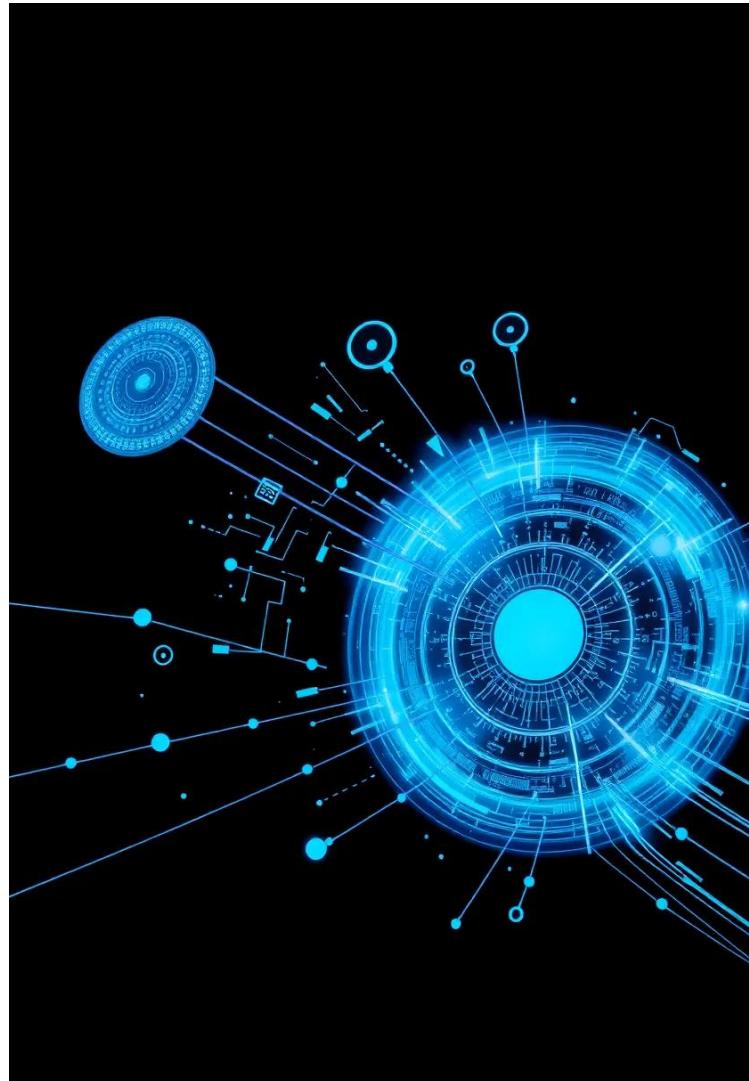
**Simon Bell**

Managing Director,  
Si BCS, Concentric Solutions Group

- Expert Corporate/Enterprise Performance Management (CPM/EPM) advisor.
- 30+ years experience advising businesses on EPM technology, processes and deployment as a consultant and Analyst.
- Experienced in leading SAP BPC, SAC and SAP Group Reporting projects along with other SAP technologies in many sectors and geographies over the past 20 years.
- Previously with Hyperion, BPM Partners, then was founding Director of Opal Wave Solutions before most recently founding the SiBCS EPM advisory business in the Concentric Solutions Group.

# INTEGRATION DRIVERS

1. Data silos & fragmentation
2. Data quality & standards
3. Agility
4. Operational costs
5. Compliance risks



# CASE EXAMPLE – from Report to Source in 4 clicks

The screenshot illustrates a workflow within the OneStream AppChamber V9 interface, showing the progression from a report to a document viewer.

**1. User selects cell on report**

A blue callout points to a cell in the "Fee income" row of the "Income Statement" table, which is highlighted with a red box. The table shows YTD and Month data for various categories.

	YTD	YTD	YTD	YTD	Month	Budget
Fee income	3,208,151	1,793,011	(2,408)	170,193	0	(6,346,105)
Events income						
Total other income	(1,254)	253,023	6,538,298	0	(170,193)	(6,533,298)
W%Y Revenue growth	8.88%	108.17%	108,521	0.00%	441.47%	

**2. Drill down report shows data in stage**

A blue callout points to the "ACCOUNT BALANCES" report, which displays financial data for various source entities. A specific row for "Printed materials" is highlighted with a red box.

Source Entity	Ref	Source Account	Source Description	Source Analytic	Source Category	R/H	YTD
Finance - L00	21115	Printed materials	None				0.00
Finance - L00	21230	Printed materials	None				1,875.00
Finance - L00	21235	Other teaching materials	None				3,022.02
Finance - L00	21510	Study trips	None				4,967.25
							21,054.31
							3,953.27
							10,867.75
							35,932
							10,905.52
							46,837.13

**3. Selecting a stage item executes live query to source returning document into OneStream**

A blue callout points to the "ACCOUNT TRANSACTIONS (JAN 2025 MOVEMENTS) - 21355" report, which lists transaction details for a specific item. A specific transaction is highlighted with a red box.

Xeno Ref	Source Type	Transaction Date	Description
72113	ACC99X	1/15/2023 12:00:00 AM	GTSE 25 Pack of Electrical Crocodile Clips - 25 Amp Non-insulated - 75mm
73477	ACC99X	1/24/2023 12:00:00 AM	5 Metric Powder Free Vinyl Glove, Lge, Powder Free Vinyl Glove, White S
73477	ACC99X	1/24/2023 12:00:00 AM	PC-1M, Staedtler Noris Eraser PK 20, R
73477	ACC99X	1/24/2023 12:00:00 AM	12 Items CM 2 Hole Metal Sharpener P12, CM Circle Slided Tape 24mmx33m
73518	ACC99X	1/28/2023 12:00:00 AM	20 Jan 2023 ARBOOKS
73500	ACC99X	1/28/2023 12:00:00 AM	20 Jan 2023 ARBOOKS
73500	ACC99X	1/28/2023 12:00:00 AM	04 Jan 2023 WATERSTONES
73500	ACC99X	1/28/2023 12:00:00 AM	04 Jan 2023 WATERSTONES
73500	ACC99X	1/28/2023 12:00:00 AM	04 Jan 2023 WATERSTONES

**4. Document is retrieved and opens in OneStream Document viewer**

A blue callout points to the "Application Document Viewer" window, which displays an "INVOICE" document. The document includes fields for Invoice Number, Date of Invoice, Sales Order No., Delivery Address, and Payment Terms, along with a table of ordered products.

Product Code	Product Description	Qty	Unit Price	Discount %	Net Value	VAT Rate
HP05/553	Clear Plastic Water Bottle-500ml-HC33	5	74.0	15.00	317.47	20.8%

# INTEGRATION MATURITY

OneStream

## FOUNDATION

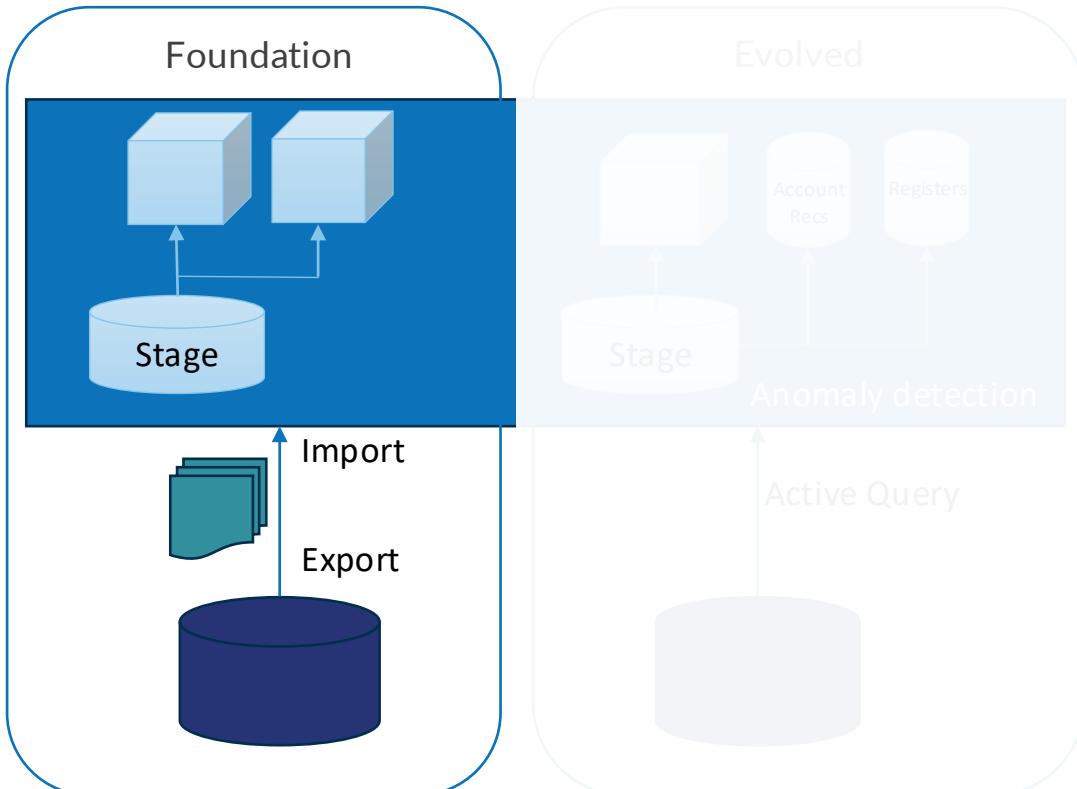
- Establish reliable pipelines and connectors

## AUTOMATION & ORCHESTRATION

- Streamline and scale

## OPTIMISATION & INNOVATION

- Drive strategic value



# INTEGRATION MATURITY

## FOUNDATION

- Establish reliable pipelines and connectors

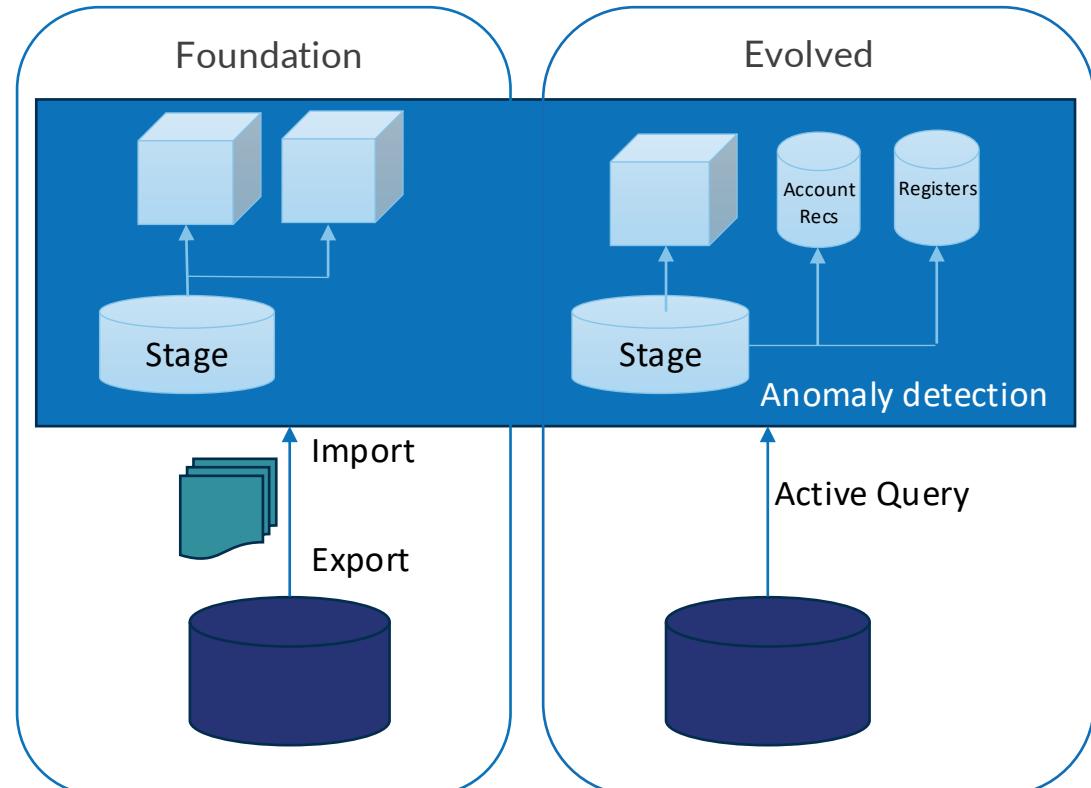
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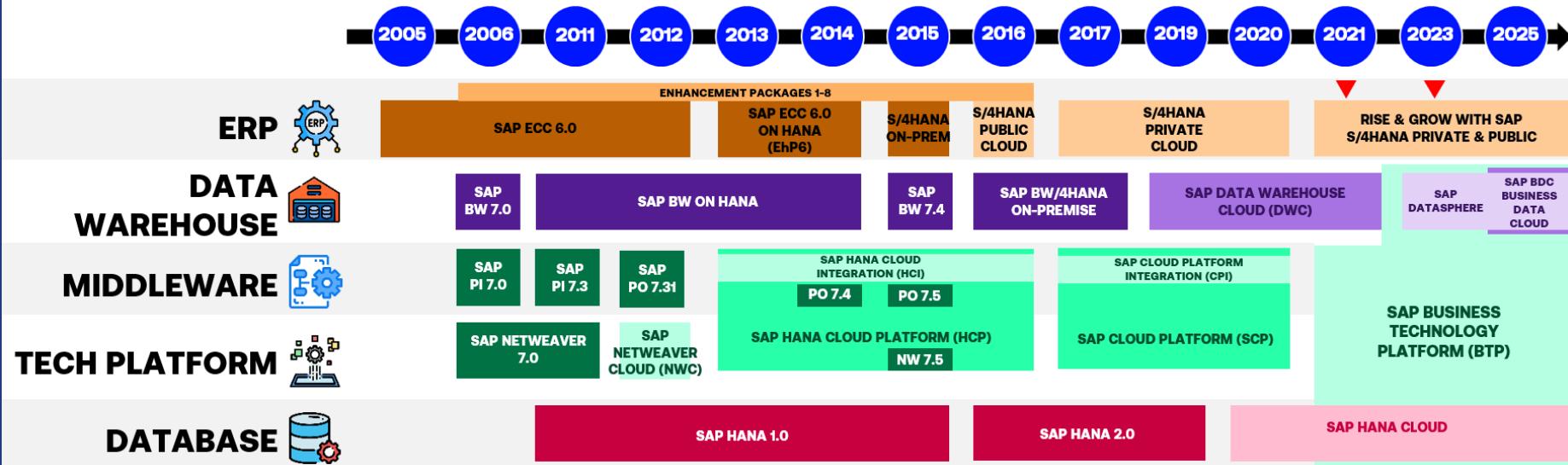
OneStream





# SAP SOURCE INTEGRATION: OPTIONS AND BEST PRACTICES

# SAP PRODUCTS EVOLUTION & BRANDING



# SAP LATEST PRODUCTS AND TERMINOLOGY

## Business Data Cloud

Branding and architectural packaging incorporating:

- SAP Datasphere (incl. SAC)
- SAP HANA Cloud
- SAP Data Intelligence
- SAP BTP services



SAP Datasphere: Core data fabric platform for modelling, integrating, and sharing data across systems

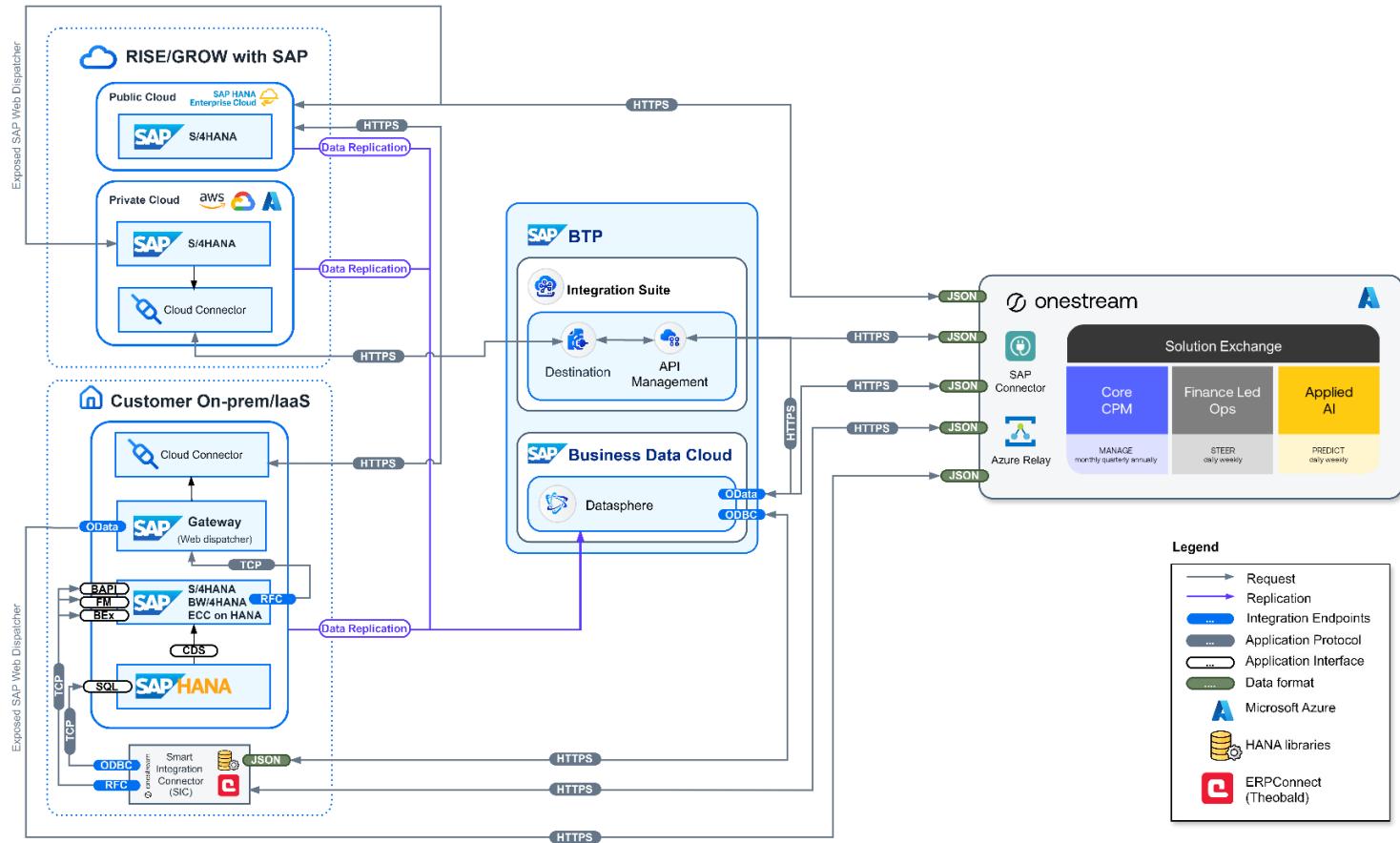
SAP HANA Cloud: In-memory database powering real-time analytics and data storage

SAP Data Intelligence: Orchestration tool for building pipelines across SAP and third-party sources.

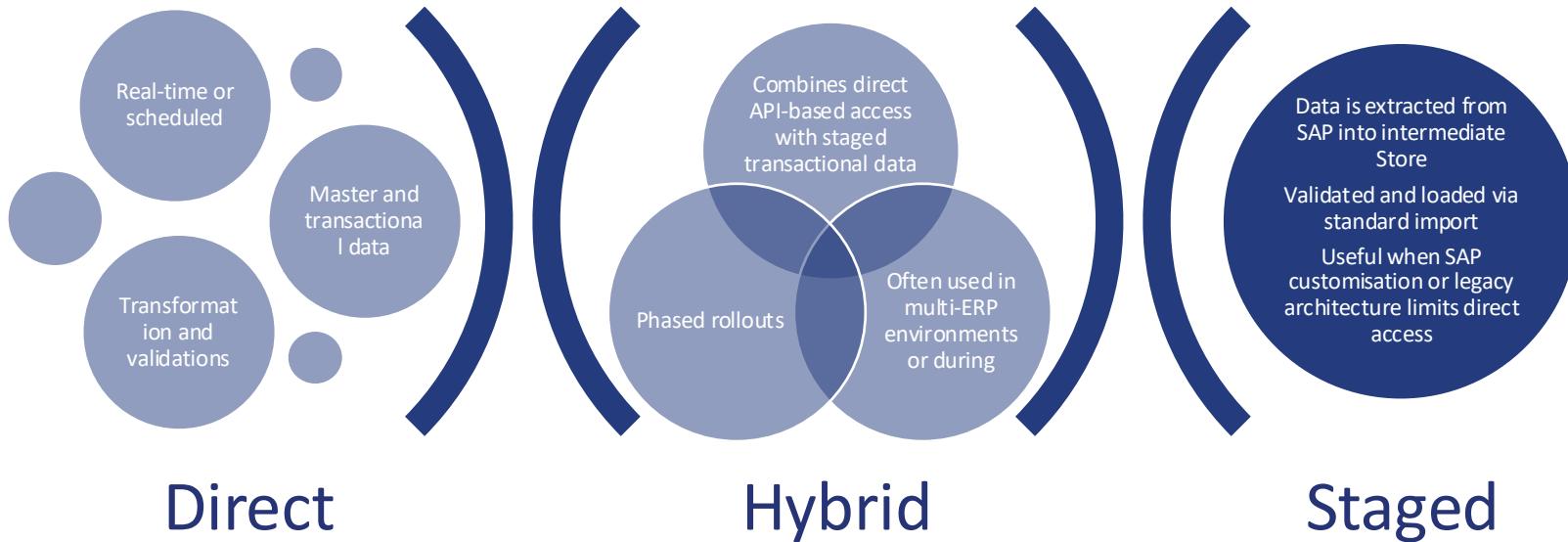
SAP BTP: Underlying platform for deploying and managing these services.

# ONESTREAM CONNECTIVITY INTO SAP ECOSYSTEM

- Any SAP landscape
- SAP BTP supportability  
Use Integration Suite for secure, governed API connectivity
- Datasphere/BDC for data at scale
- SIC when sources shouldn't be exposed or to allow direct query on Datasphere
- Aligned & future-ready



# INTEGRATION APPROACHES





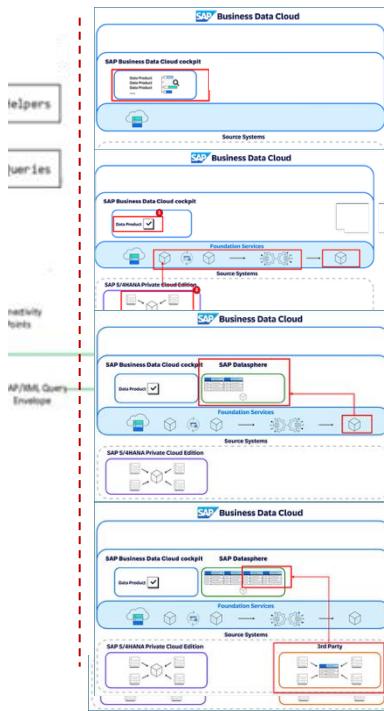
# DEMONSTRATION

# Example: PROVISIONING THROUGH BDC / DATASPHERE

SAP Business Data Cloud (BDC) connects and blends data across SAP and non-SAP applications using a unified data fabric

Key components include

- Data sources
- Business Data Fabric layer
- Consumption layer [e.g. OneStream]



1. Select and install data products in the BDC cockpit
2. BTP transforms into a ready-to-use Data Product
3. Data Product is now available in Datasphere
4. This can be enriched with additional data from other (including 3<sup>rd</sup> party) sources
5. Connect to Datasphere through OneStream Smart Integration Connector or via standard transformation and connector business rules to manage integration mappings for relevant data classes

# SUMMARY

Any SAP product can be connected

BDC facilitates in SAP data orchestration

OneStream facilitates end to end automation for acquisition and analytics

onostream CSL AppChamber V9

Simon Bell

Data Management - Fabric Data Management (Data Management Group)

SAP S/4HANA - INTEGRATION SETTINGS

S4 Login: onostream

S4 Password: [REDACTED]

S4 Base URL: <https://rfirubind01.sap.it:43080/sap/bc/rt/rfc/sap>

S4 Trial Balance URL: [rfi\\_trial\\_balance\\_onestream\\_01/200/trialbalance/trialbalance](rfi_trial_balance_onestream_01/200/trialbalance/trialbalance)

S4 Fixed Assets URL: [rfi\\_fa\\_master\\_onestream\\_01/200/fa\\_transaction/fa\\_transaction](rfi_fa_master_onestream_01/200/fa_transaction/fa_transaction)

S4 Drillback URL: [rfi\\_ytd\\_trans\\_onestream\\_01/200/cytd\\_trans/cytd\\_trans](rfi_ytd_trans_onestream_01/200/cytd_trans/cytd_trans)

S4 Auth Type: Sa

Use SICF: \*

Insights & Analytics

SAP & Partner ecosystem apps

onestream

Business data fabric

Business semantics

Datasphere

Analytics and planning

Analytics Cloud

BW modernization

Business Warehouse

Data engineering and ML/AI

SAP Databricks

Data products

Harmonized data models

Data activation and extensions

Third-party consumption tools

Open data ecosystem

SAP apps

Hybrid SaaS Cloud-native On-premises Edge Non-SAP apps



**QUESTIONS?**

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