Leverage SAP Datasphere to Create a Transformative Real-Time Data Fabric

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Meeting agenda

Speakers

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avvale

[valēre, present active infinitive of valeō] - be strong, healthy, matter.

Avvale is a Global Digital Business Transformation Company on a mission to **help innovative business evolve through the circular economy**, **enabled by technology**.

Industry Focused approach

Supporting both Fortune 500 and Midmarket in 15 sectors on the field.

Aptargroup · Barilla · BRACCO · CALZEDONIA · Carrefour · CINTAS · CNH INDUSTRIAL · Coca-Cola · cricut.

Culligan Water · GOOD FOODS · enel · Il Sole 24 ORE · INTESA SANPAOLO · iNovasport · LAVAZZA TORINO.ITALIA.1895 · L'ORÉAL · MENARINI group

OTB · PIAGGIO · PIRELLI · Q8 · Safilo GROUP · STELLANTIS · TECHNOGYM · unieuro · Whirlpool · VW

3,000+
People

An inclusive mix of cultures, competences, attitudes and experiences to create **One Unique Company**.

$300 MM
Revenue for 2023

Double digit growth year over year, since **2004 - Techedge foundation**.

distribution in 20+ offices

20 Years and still counting…

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Data Intelligence

Avvale has a Global Data Intelligence Practice to unlock the value of data by improving Operational Efficiency and providing Strategic Insights in an environment of **constant and accelerating change.**

300+
People

An expanding practice with an inclusive mix of cultures, competences, attitudes and experiences across the Globe.

Multiple DataSphere Implementations across the globe across industries
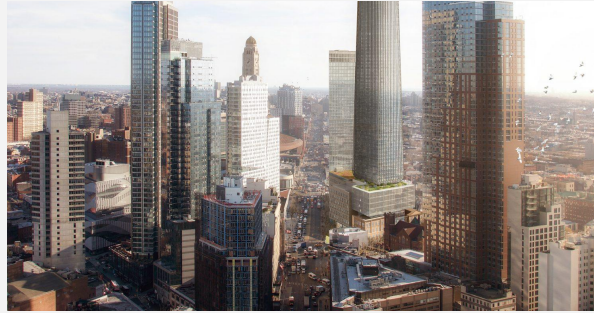
SAP DataSphere experience dating back to **2019**.

Global Data Team
20+ offices

Customer Workflow/Business

Project/Services Sold → Employees Work and Bill Time to Projects → Project Goals Executed → Project Time Approved by Managers → Customer Billed at EOM

Project Overview

The Challenge

This customer had an aging ERP system and a complex and siloed MS SQL DB with PowerBI for reporting.

1. Project Managers had no operational overview of the financial performance of their projects.
2. Senior Leaders and Partners had trouble recognizing and reacting to upcoming problems
3. Senior executives were either lacking KPI's or receiving wildly out of date KPI's with low accuracy

The Approach

Avvale acted as a strategic advisor and implementation partner for this customer. The goal was to create a deeply integrated architecture with the scalability and lower TCO of the cloud.

On the Analytics Side - we pursued Phased approach which lead to us deciding on SAP DataSphere and SAP Analytics Cloud as the core tools of the Data Landscape.

Three Reasons for SAP DataSphere:
1. **Integrate**: Deep Integration with S/4HANA Cloud and BTP Assets
2. **Accessibility**: Empower a variety of users
3. **TCO**: Lower development, integration and maintenance costs
4. **Scalability**: Leveraging the scalability of the cloud

The Impact

DataSphere has become the de-facto data backbone (data fabric) for all reporting, analytics and data rich applications/use cases.

1. **Operate**: Key Operational Reports and Data Enriched Operational Workflows change the way projects run and operate.
2. **Strategize**: Executives can see deep insights powered by real-time data - while a powerful data fabric allows their team to answer complex ad-hoc questions.
3. **Predict**: Using data to predict key scenarios as they develop allows for proactive measures vs. reactive measures.

The Architecture
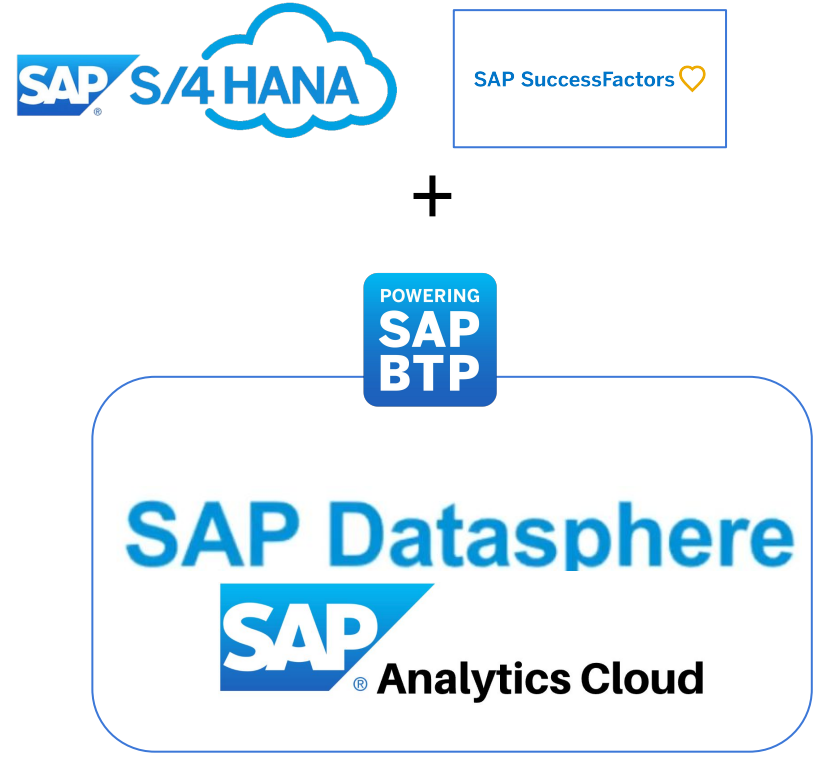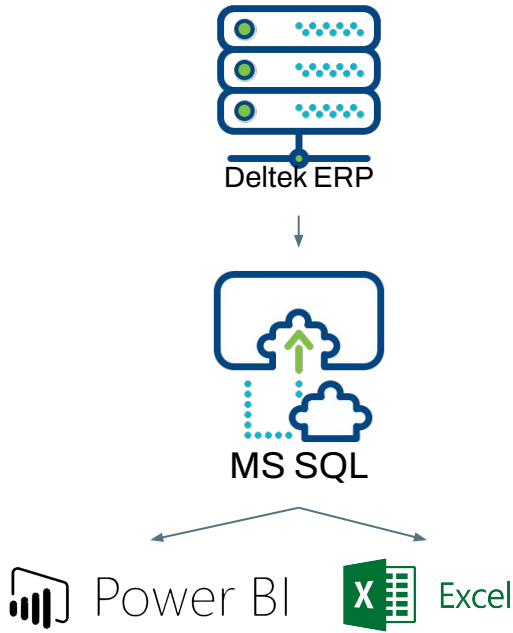
SAP Datasphere: PM Dashboard

The PM Dashboard is a single location that project managers can go to in order to see all data about their projects - with all real-time data leveraging an Enterprise Data Fabric powered by SAP Datasphere
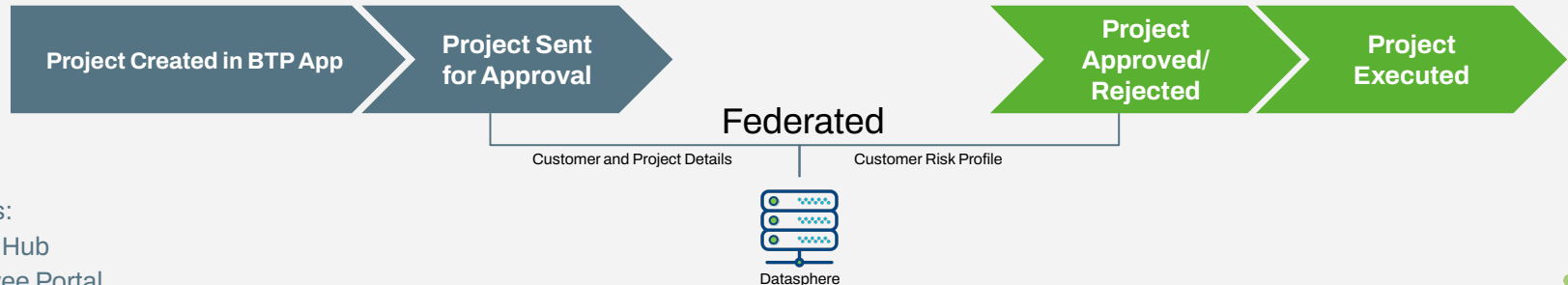
SAP Datasphere: Data Rich Applications

Example: The Project Creation Workflow was enhanced significantly by assessing the risk of a particular Project, Customer and Budget. This data enriched application is one of many - made possible due to a Real-Time Data Fabric Architecture powered by SAP Datasphere
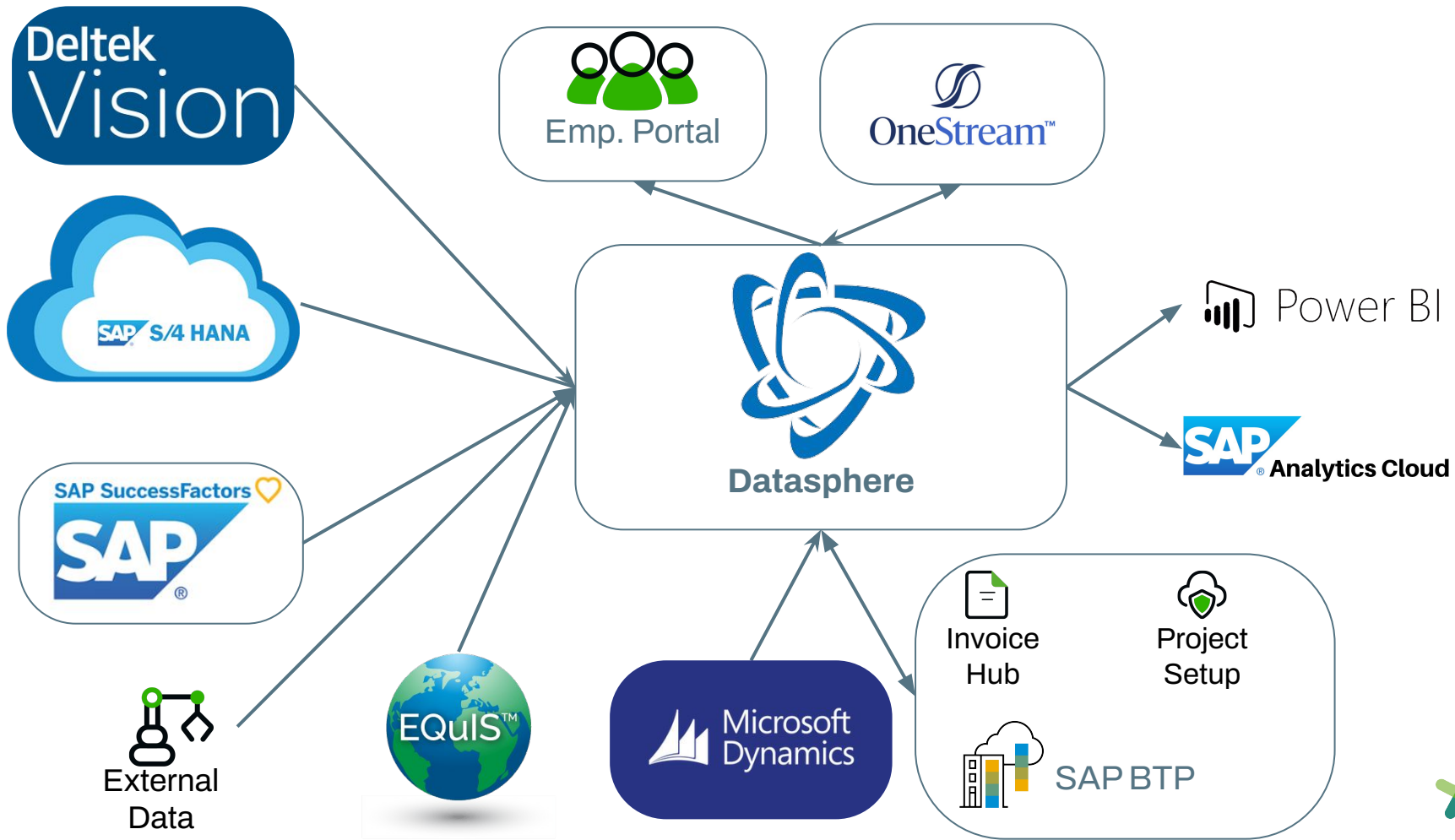
Workflow Before

| Project Created in BTP App | Project Sent for Approval | Project Approved | Project Executed |

Workflow After

| Project Created in BTP App | Project Sent for Approval | | Project Approved/ Rejected | Project Executed |

Federated

Customer and Project Details   Customer Risk Profile

Datasphere

Other Examples:
1. Invoice Hub
2. Employee Portal
3. Contract Verification

A Data Fabric

Data Fabric: DataSphere

Business Data Fabric

Customer Service Data   Sales Data   Logistics Data

1. Single Source of Real-Time Truth
2. Accessibility
3. Strong Governance
    a. Control and Protect
    b. Audit
    c. Governed Sharing
4. Business Owned and Business Centric Data Products
5. Reduced TCO

Whether you are coming from BW, HANA, SQL, S/4HANA CDS View or any other tools - SAP Datasphere and Avvale can help you:

Pursue a revolutionary leap - rather than an evolutionary one"

Datasphere Momentum: 11+ Customers and Growing

Number	Industry	Strategy	Type
1	Rare Earth/Mining	Datasphere + SAC	Greenfield
2	Lumber/Hardwood Manufacturing	Datasphere + SAC	Greenfield
3	CPG Food and Beverages	Datasphere + SAC	Greenfield
4	Professional Services	Datasphere + SAC	Greenfield
5	Professional Services	Datasphere + SAC	Greenfield
6	Construction	BW/4HANA + HANA DB -> Datasphere	Brownfield
7	Pharmaceutical	Datasphere + Snowflake + PowerBI	Greenfield
8	Manufacturing	BW 7.5 + SQL -> Datasphere	Brownfield
9	Manufacturing (Food)	BW 7.5 -> Datasphere	Brownfield
10	Manufacturing (CPG)	BWonHANA -> Datasphere + SAC	Brownfield
11	Retail Customer	BW 7.5 + HANA -> Datasphere + PowerBI	Brownfield