

# Bowdark Fuse Introduction



# About Us



Bowdark's mission is to help our clients run their businesses more efficiently and make life better for the employees through technology.

We specialize in aligning **people**, **processes**, and **technology** to maximize efficiency, usability, and value.





**Eye-opening ingenuity** Next-level solutions that work.



MS + SAP + cloud experts Published industry thought leaders.



#### **Customer-centric**

Collaboration with, and around, you.



#### Genuine people

Wicked smart, yet down to earth.



#### More with less

2 people can do the work of 20.



# What is Fuse?

Understanding the Basics of Bowdark Fuse



## Fuse in a Nutshell

- Fuse is designed to extend the reach of your SAP systems: SAP S/4 HANA, ECC, or Business Suite systems
- In a nutshell, Fuse unlocks:
  - Secure API access to SAP backend systems (cloud or on-premises) with end-to-end principal propagation (SSO)
  - Integration with a wide variety of tools and programming environments
  - Access to SAP from low-code development platforms like the Microsoft Power Platform

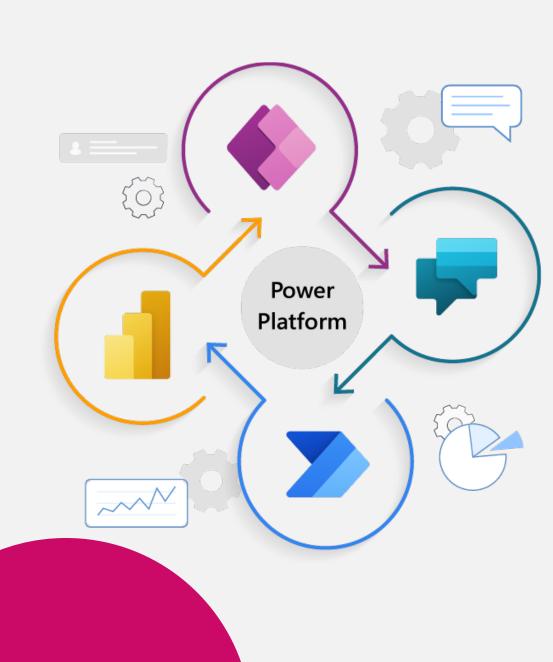




# What Can Fuse Unlock?

- Fuse provides a platform for:
  - Creating a simplified UX on top of SAP
  - Developing commercial grade web and mobile apps
  - Creating customer & supplier self-service portal solutions
  - Rapid interface development
  - Developing workflows and RPA solutions
  - Building intelligent agents / chat bots
  - Performing self-service data analysis using tools like Power BI



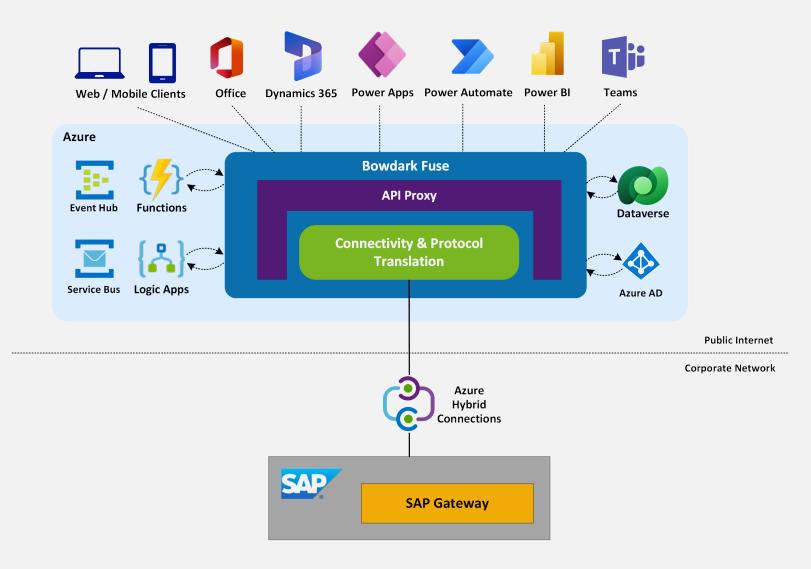


## Fuse ♥'s Power Platform

- Part of Fuse's magic is its ability to securely expose SAP OData services to external clients
- This makes it easy to integrate SAP functionality into the Power Platform:
  - Power Apps (Canvas Apps + Model-Driven Apps)
  - Power Automate
  - Power Virtual Agents
  - Power Bl

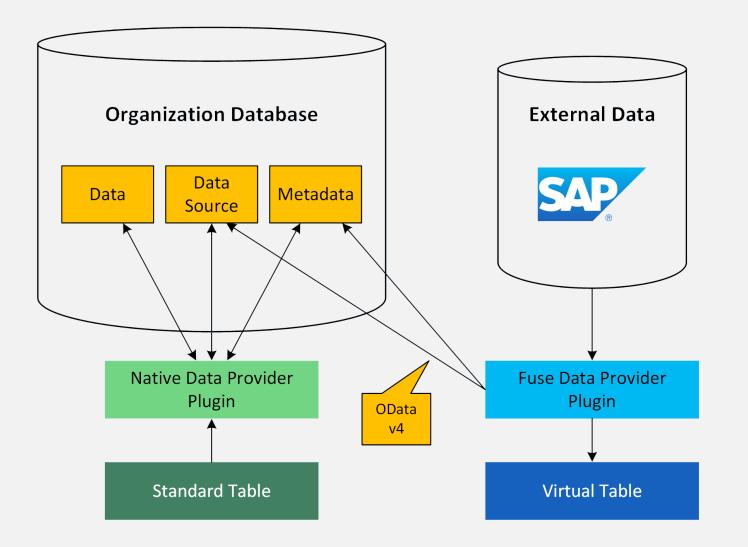


#### Fuse Architecture



### SAP <-> Dataverse Integration





# Working with Virtual Tables



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# Why Fuse?

- Fuse is not just another SAP connector
- Although Microsoft's standard SAP ERP Connector is very powerful, its aim is different than Fuse
- With Fuse, the primary focus is on the developer (or maker) experience
- By directly integrating with Microsoft Dataverse, Fuse provides an abstraction layer that makes it possible for makers to build solutions without requiring deep SAP knowledge
- In this sense, Fuse can be seen as complementary to Microsoft's standard SAP connector(s)

### SAP ERP Connector vs. Fuse



	Strengths	Weaknesses
Microsoft SAP ERP Connector	<ul> <li>✓ Enables developers to leverage SAP standard RFCs and BAPIs</li> </ul>	<ul> <li>Requires deep functional &amp; technical knowledge of SAP</li> </ul>
	<ul> <li>Plug-and-play to kickstart development projects</li> </ul>	<ul> <li>Difficult to use in certain Power App scenarios (e.g., model-driven apps)</li> </ul>
	<ul> <li>✓ Can leverage pre-existing SNC infrastructure</li> </ul>	<ul> <li>Serialization of ABAP data types with JSON can be cumbersome</li> </ul>
		<ul> <li>On-Premises Data Gateway limits data volumes</li> </ul>
Bowdark Fuse	<ul> <li>✓ Integrates directly with Dataverse as Virtual Tables</li> </ul>	<ul> <li>✓ Requires some OData service development in SAP Gateway</li> </ul>
FUŞE	<ul> <li>✓ Streamlines integration with Power Platform, Azure, and other consumer types</li> </ul>	<ul> <li>✓ Requires setup of Azure Hybrid Connections</li> </ul>
	<ul> <li>Protocol translation simplifies integration with custom connectors</li> </ul>	

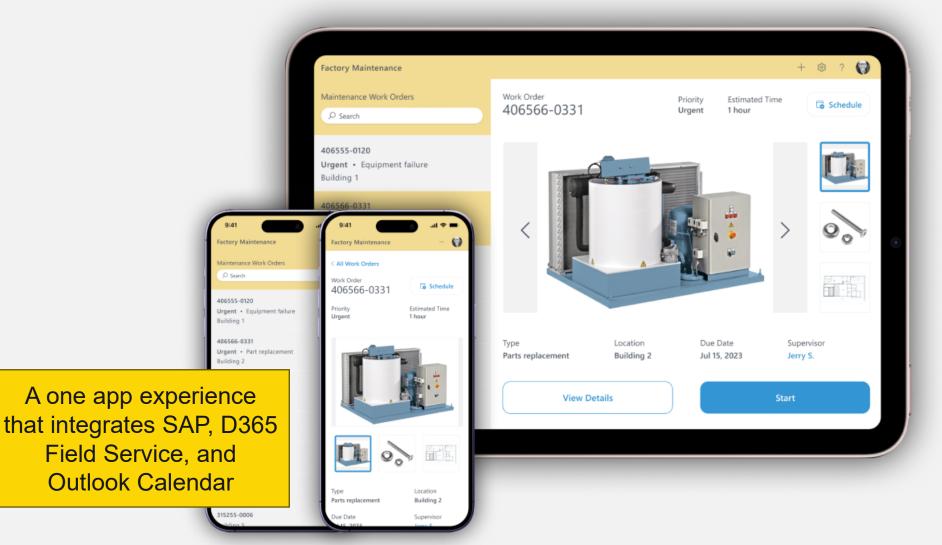


# **Practical Use Cases for Fuse**

Leveling Up SAP User Experiences Across the Enterprise

# Power Apps Canvas Apps

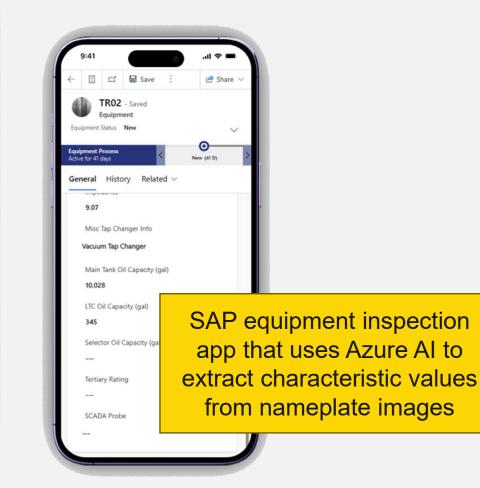




## SAP Mobile Apps

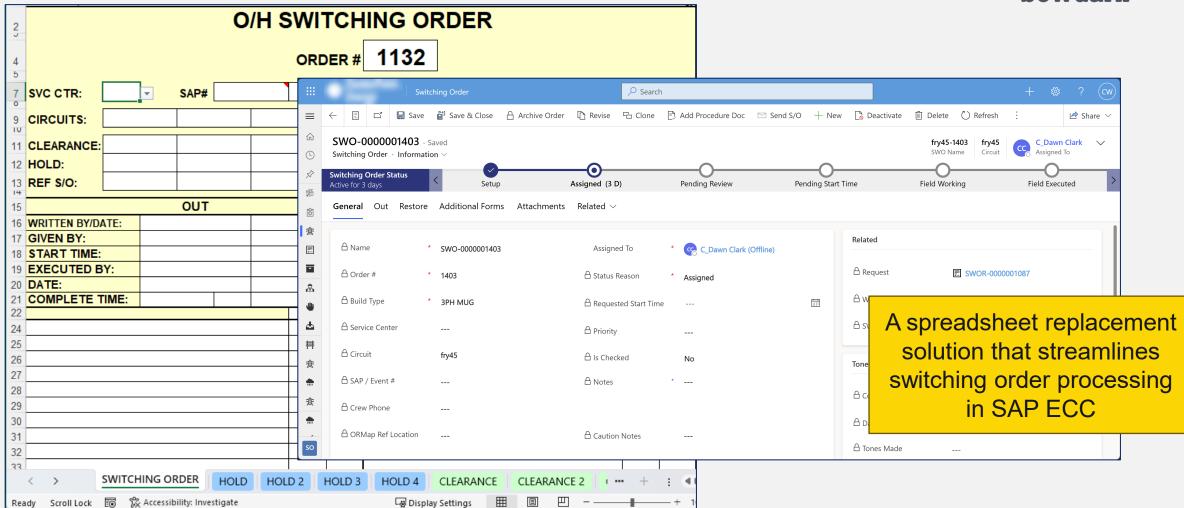


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## Line-of-Business (LoB) Apps





# Line-of-Business (LoB) Apps



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### Line-of-Business (LoB) Apps



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### SAP <-> Dynamics 365 Integration



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### Power Automate Cloud Flows



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# **Power Pages Portal Solutions**

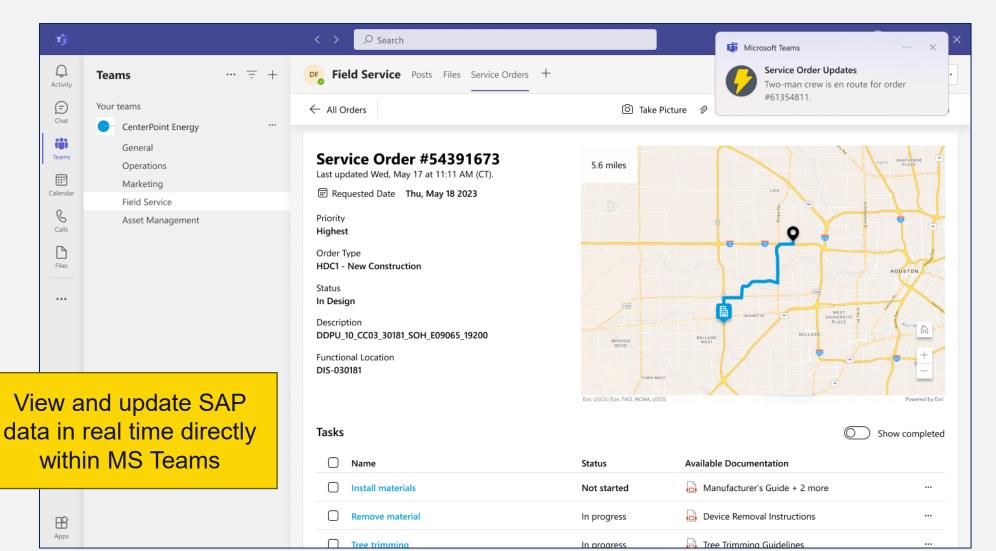


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A customer self-service portal integrated with SAP Customer Service & Esri ArcGIS

# **Teams Applications**





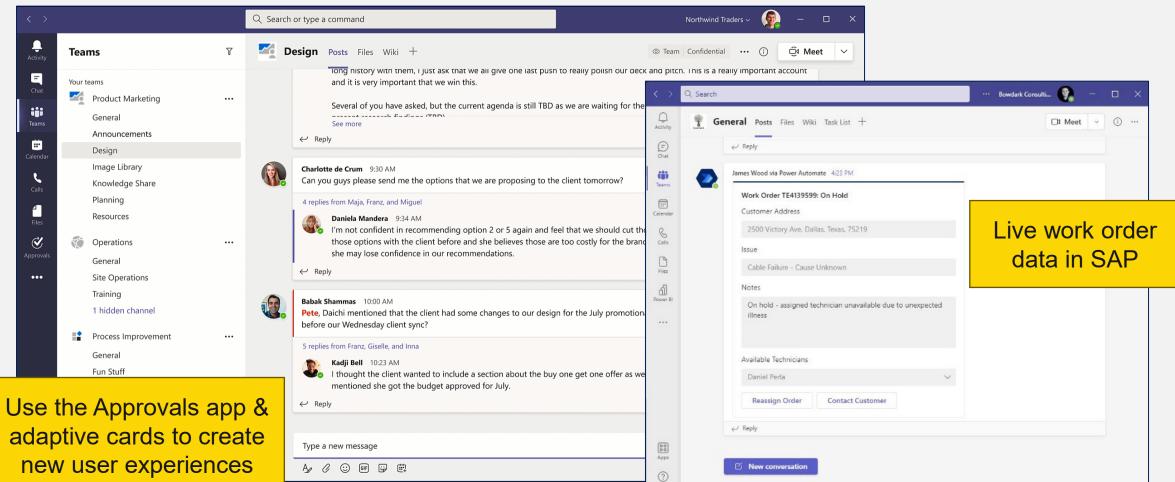
# Surface Hub Apps



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# SAP Workflow & Alerts





Help.

# Virtual Agents with SAP & GPT



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Let's be brilliant together. CALL US <u>763-291-3748</u>

ASK A QUESTION abrasket@bowdark.com