



#AvanadeDoWhatMatters

# Federation Service (FedSrv)

# Contents

**01**

Why Avanade?

**02**

Why Microsoft  
Technology?

**03**

Business Need  
and Value  
Proposition

**04**

Business Offering

**05**

Get Started



## Why Avanade?

# Customers trust us.

Avanade is the leading provider of innovative digital and cloud services, business solutions and designed experiences delivered through the power of people and the Microsoft ecosystem.

# Avanade is the global market leader in building innovative Microsoft solutions

As a joint venture, formed in 2000 by Accenture and Microsoft, Avanade brings the best in Microsoft capabilities.

With unique industry insights, unrivaled expertise and breadth of services, our 60,000 people do what matters for our clients and their customers every day.



**60,000**

Skilled and diverse professionals – 29% of whom are women



**60,000+**

Microsoft certifications, more than any other partner



**82**

Locations across **26** countries



**10,000**

Projects with **4,000+** global clients since inception



## Why Microsoft Technology?

# Microsoft is leading the way

Microsoft, one of the most valuable companies in the world, is on a mission: **To empower every person and every organisation on the planet to achieve more.**

# Powered by a unique partnership

- + **Industry scale:**  
Bring industry depth and breadth to differentiate the transformation journey
- + **Capability & compatibility:**  
Incumbent in all our clients, ability to leverage Avanade to drive & deliver



## Microsoft has the largest addressable market in our clients

Microsoft has decades of relationship with every client. Microsoft is typically one of the Top 5 partners in terms of spend with many of our clients.



## Microsoft's platform is much broader than Azure

All platforms are not equal; Microsoft is much broader than Azure in terms of cloud offerings and extends into M365 (Teams, Office, Etc.) and D365 (Dynamics, Power Apps, Etc.).



## Microsoft's commitment to Innovation & Customer Success

Microsoft has invested millions into tools to evaluate and accelerate the path for converting their estate.



## Microsoft is the #1 Industry Solution Leader

Microsoft is aligned with industries and more Industry Solutions are developed on Microsoft platforms than the competition, expediting time to value for clients.



# Federation Service (aka “FedSrv”)

Our professionals combine technology, business and industry expertise to build and deploy solutions to realize results for our clients and their customers.

## Business Need

- Integrate various existing Data APIs and Systems in a way that they can be used in a simple and consistent fashion, using a “API Plugin”-based approach
- Handle complex Data API and System integration scenarios without making additional copies of data, and integrate with other offerings such as Azure API Management, MSFT Fabric, and Azure Purview
- Using existing Data APIs and Systems, Provide the massive amounts of consistent data that AI/ML systems need to build coherent and reliable models
- Implement a highly-flexible means of getting started with generating a Data Mesh, Data Products, and Knowledge Graph

## Value Proposition

- Greatly-reduced cost, time and effort associated with integration of various Data APIs and Systems, into Dashboards, Reports, Applications, etc... thanks to the “API Plugin”-based approach of FedSrv
- Gain an intelligence edge on competition, and deep insights into massive amounts of data that is already being collected, by making existing data much easier for GenAI and ML systems to consume
- A low-risk, flexible, and incremental way to enter into Data Mesh, Data Product, and Knowledge Graph implementation

## Approach

*There are a variety of ways, operationally speaking, to get started with FedSrv:*

If the primary goal is to use FedSrv to “tame” and integrate existing Data APIs and Systems, then FedSrv can be configured in a “headless mode” that emphasizes the seamless integration between APIs. In this scenario the focus is on the using API Plugins to integrate various Data APIs and Systems

If the primary goal is to make a flexible and low-risk entry into Data Mesh, Data Products, and Knowledge Graph technology (and optionally to train GenAI/ML systems to understand your organization’s Business Rules in a consistent way), then the focus can be primarily on Knowledge Graph

Certainly, both approaches can be combined, and using both together leads to the best results

# Business Offering

What is it?	What we will deliver	Typical outcomes	Typical delivery timeframe
“FedSrv for API Integration”: FedSrv Implementation for API and Data System Integration with Existing Apps and Systems	Install FedSrv on Azure Cloud. Reuse existing API Plugins as appropriate -- and create new API Plugins as-needed – to integrate with existing Data APIs and Systems.	A consistent Odata-compliant REST control plane, that can be handle fully-auditable E2E CRUD lifecycles for all backing data, as well as the ability to see record-level Versioning.	Basic Pilot Implementation: 1.5FTE for ~6-8W.
“FedSrv for AI Training”: FedSrv Implementation to target Mass Data Ingestion to existing GenAI and ML Systems	Integrate FedSrv endpoints with existing GenAI and ML Systems. Configure both FedSrv, and existing GenAI and ML Systems, as-needed.	Easy consumption of a diverse array of an Organization’s existing data by existing GenAI and ML Systems, providing much deeper insight into this data.	Basic Pilot Implementation is the duration of “FedSrv for API Integration”, plus an additional 1.5FTE for ~6-8W.
“FedSrv for Data Mesh”: FedSrv Implementation to enter into Data Mesh, Data Product, and Knowledge Graph Technology	Install FedSrv on Azure Cloud. Work with Organization’s SMEs to understand Business Rules and Logic. Create an Ontology that will, in turn, enable the creation of a Knowledge Graph.	An Ontological Knowledge Graph, complete with REST API Endpoints, that can form the basis for a Data Mesh that delivers Data Products.	Basic Pilot Implementation: 1.5FTE for ~6-8W (for a small sample of “essential key business logic and business entities”).
“FedSrv for AI Cognition”: Implementation towards using GenAI and ML Systems to understand Organization’s Business Rules	Integrate FedSrv Knowledge Graph and Data Products with existing GenAI and ML systems. Configure both FedSrv, and existing GenAI and ML Systems, as needed.	Easy consumption of an Organization’s Business Rules and Logic via GenAI and ML Systems. The basic ability to use Natural Language queries to ask meaningful questions about Business Rules and Logic.	Basic Pilot Implementation is the duration of “FedSrv for Data Mesh”, plus an additional 1.5FTE for ~6-8W (for a small sample of “essentials”).





# Let's get started

**Ryan Supak**

[ryan.supak@avanade.com](mailto:ryan.supak@avanade.com)

(+1) 713.987.3311





**avanade**