



# SAP-Azure Data Lake Accelerator

## Video Transcript

With data as the key to unlocking business value, it's critical that you can access and use all available insights.

But most companies struggled to realise automated fast and secure data extraction from enterprise-wide systems like SAP or deploy Azure data lakes as code. They're left wrestling with scaling complex solutions beyond a proof of concept.

### **What if you could more easily innovate with SAP and Azure extracting and using data at speed?**

In collaboration with Accenture's SAP and Microsoft business groups, we've developed the SAP Azure Data Lake accelerator. Fast setup and configuration reduce the time to data lake adoption, rapidly delivering an enterprise-wide single source of truth for analytical needs with greater savings.

Enabling fully automated data movement from SAP, insights are more readily available to be used with a wider set of Azure cloud native services. Access to the data through a variety of business intelligence applications empowers near real time analytics to drive better business decisions.

This invaluable tool also provides the foundation for building and deploying machine learning, Internet of Things devices, and advanced Cloud Analytics.

### **How does it work?**

Helping with bulk generation of SAP ODP ODATA services and making additional mechanisms available to expose SAP data for cloud use, the accelerator assists business users to analyse insights from SAP data sources for faster decision making and service generation.

After launching the ODP accelerator input configuration parameters can be selected for a detailed report. Based on selection of one or more data sources, ODATA services will be generated. The list is generated as an Azure ready API that can be shared with your Azure team.

The accelerator also comprises a framework for rapid deployment and seamless data integration through automated data pipelines to enable the enterprise data lake for SAP data sources on Microsoft Azure.

Once launch, you can configure the required Azure service parameters, then compile and execute so the services are deployed automation of resources provisioning is done using TerraForm, Jinja2 and Azure Resource Manager based on the configuration.

The Azure Data Factory pipelines enable full and delta loads based on data integration requirements to onboard SAP data into Azure Data Lake storage.

Let's look at an HR use case consuming success factors and S4HANA for HR and financial data on Azure Data Lake. Here, the headcount related KPIs offer insight into employee totals, a must have metric for HR reporting, decision making, and financials; and Q&A visuals provided Data Explorer for detailed KPI visualisation.

### **So how can you benefit from the SAP Azure Data Lake framework?**

As well as accelerated provisioning of big data analytics platform for SAP and non-SAP data sources, the framework makes infrastructure documentation effortless. The zero code data integrators mean continuous data movement into the data lake while cost optimised configurations help you manage changing needs.

Discover how you can automate and accelerate data availability from SAP and non-SAP sources for business differentiation.