



# LIVE CONNECTIVITY TO SNOWFLAKE FROM SAP ANALYTICS CLOUD

**SOLUTION BRIEF**



**APOS Live Data Gateway**

## Fast, efficient, and transparent live data access to valuable Snowflake Data Cloud data from SAP Analytics Cloud

Connect live to Snowflake Data Cloud data for SAP Analytics Cloud (SAC) business intelligence users with the APOS Live Data Gateway solution. This fully live data access allows SAP accounts to efficiently unlock greater value from their Snowflake Data Cloud data, yielding better and faster business analytics and decisions.

APOS Live Data Gateway enables SAP Analytics Cloud users to consume live Snowflake Data Cloud data, and to easily self-serve through existing APOS semantic layer views. Users can also conveniently define their own semantic layer views and freehand SQL queries against Snowflake Data Cloud data, all while respecting Snowflake security structure and schema. Special features for Snowflake allow APOS Live Data Gateway to handle and respect Snowflake roles while minimizing and automating administration and maintaining Single Sign On (SSO) between Snowflake and SAP Analytics Cloud.

## Why Snowflake + APOS for live connectivity from SAP Analytics Cloud?

SAP Analytics Cloud does not have built-in support  
for a live connection to Snowflake



## LEVERAGE EXISTING SNOWFLAKE SECURITY

Control and govern what Snowflake Data Cloud data is exposed through a focused Single Sign On (SSO) integration from SAP Analytics Cloud into Snowflake, creating mapping between SAC IDP SAML users and Snowflake users through OAuth. Snowflake roles are respected, and administration is minimized and automated.



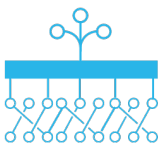
## DATA STAYS IN SNOWFLAKE

With a live connection to SAP Analytics Cloud, analytics processes work directly with the Snowflake environment, so that replicating data outside of Snowflake is not needed. Snowflake's powerful data processing engine is used to deliver very high-speed processing of live queries, performance tested with over a billion rows of data.



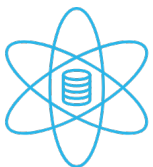
## SNOWFLAKE DATA CLOUD DATA IS ALWAYS CURRENT

Live data is always current, with no data replication or data latency. Live Data Gateway works with Snowflake's powerful data processing engine to efficiently access and serve large and growing data environment scenarios.



## UNIFIED SEMANTIC LAYER

Snowflake data is presented in business terms to the business user to enable self-serve and ad hoc consumption of Snowflake Data Cloud data and broad dissemination of information from Snowflake to business users. The Snowflake schema is easily read by the semantic layer to help the users generate business-friendly views of the data.



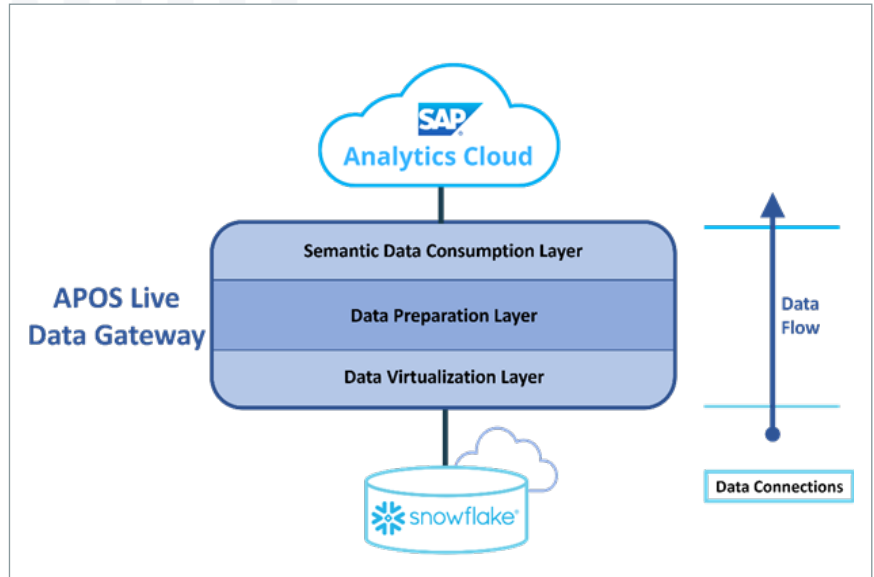
## LEVERAGE EXISTING DATA MODELLING

Easily build and share views on your data for agile data modelling. Since Snowflake security structure and schema are maintained, there is no need to rebuild row level security or data structures.

## USE CASE

APOS Live Data Gateway is delivering live data connectivity to Snowflake for customers in various industries and markets. One such deployment is by a large mining company who began running SAP Analytics Cloud (SAC) for connectivity to their SAP S/4HANA deployment. To expand beyond those analytics processes, this company needed live connectivity to their Snowflake Data Cloud data to meet key needs for company executives for financial analytics and monthly operational reports focused on various corporate performance KPIs. The APOS Live Data Gateway was deployed to enable this live data connectivity from SAC to Snowflake, removing the need for data to be replicated outside of Snowflake, and fulfilling these critical analytics needs.

## HOW IT WORKS



## SEE IT IN ACTION



Snowflake Data Cloud presents power and scalability, and APOS Live Data Gateway presents the live data connectivity and unified semantic layer organizations need to use large data sets from Snowflake in SAP Analytics Cloud analytics solutions.

Watch [this demonstration](#) to see how easy APOS Live Data Gateway makes connecting to and querying a Snowflake Data Cloud of over **288 billion rows (10.5 TB dataset)**, with results in under 2 seconds.



## APOS Live Data Gateway

Connect LIVE to Snowflake Data Cloud  
from SAP Analytics Cloud

Learn more at [apos.com/snowflake](https://apos.com/snowflake)



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