APOS

Extend Analytics Data Connectivity

Unlock Live Data

Today's Session

Key Topics

- Live vs Import Connectivity
- Relational Sources
- Self-Service Semantic Layer
- OLAP Sources

- Q&A – see webinar console

APOS

Today's Presenters

ALLAN PYM

Chief Operating Officer APOS

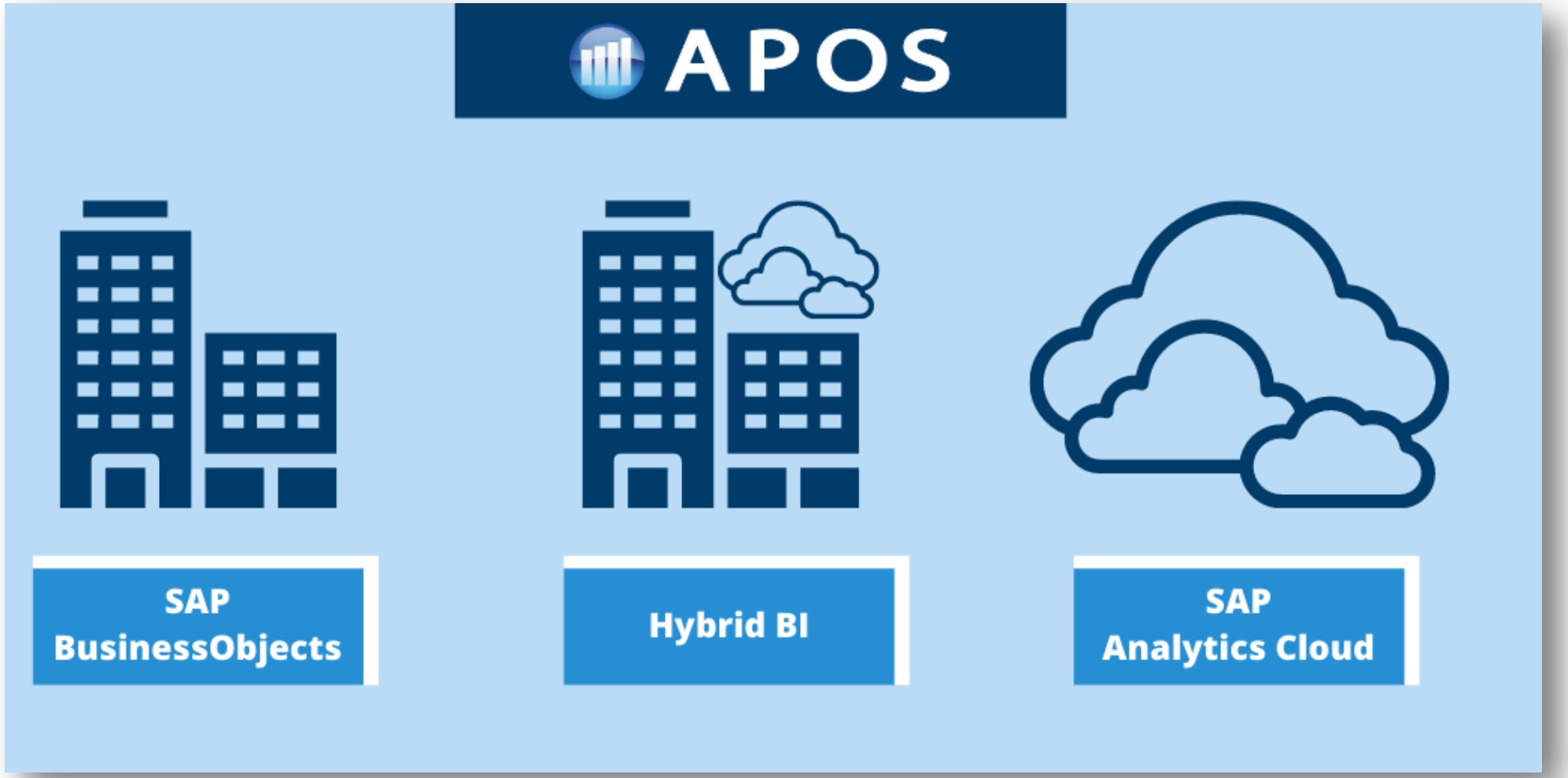
ALAN GOLDING

Solution Consulting Manager APOS

Who is APOS?

- Formed in 1992
- Enabling BI platform management, administration, migration, governance and compliance
- Simplifying, automating, extending SAP BusinessObjects and SAP Analytics Cloud
- Strategic SDK development and consulting
- Hundreds of customers globally

SAP Partner


APOS
SAP BusinessObjects
Hybrid BI
SAP Analytics Cloud

HOUSEKEEPING

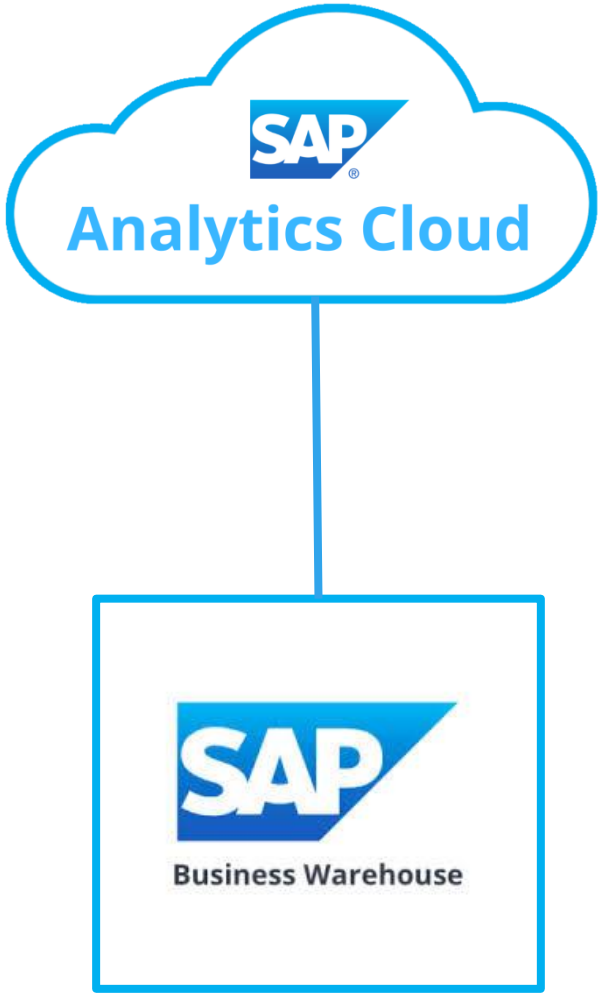
You will have access to the slides via email

You will get the recording within 24 hours

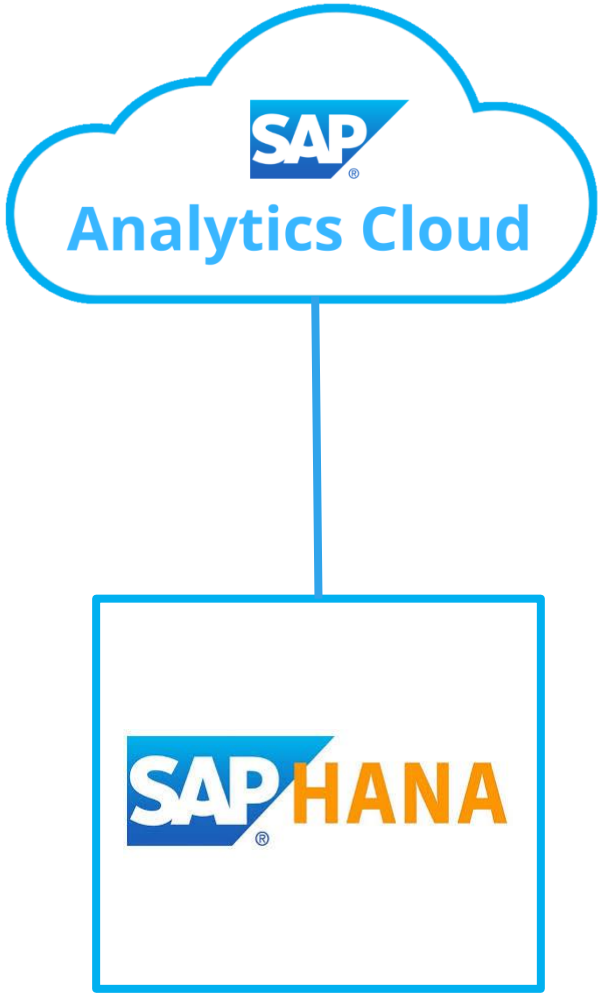
Tell us how we did in the survey

SAP Analytics Cloud - SAC

SAC Connectivity



SAC Connectivity



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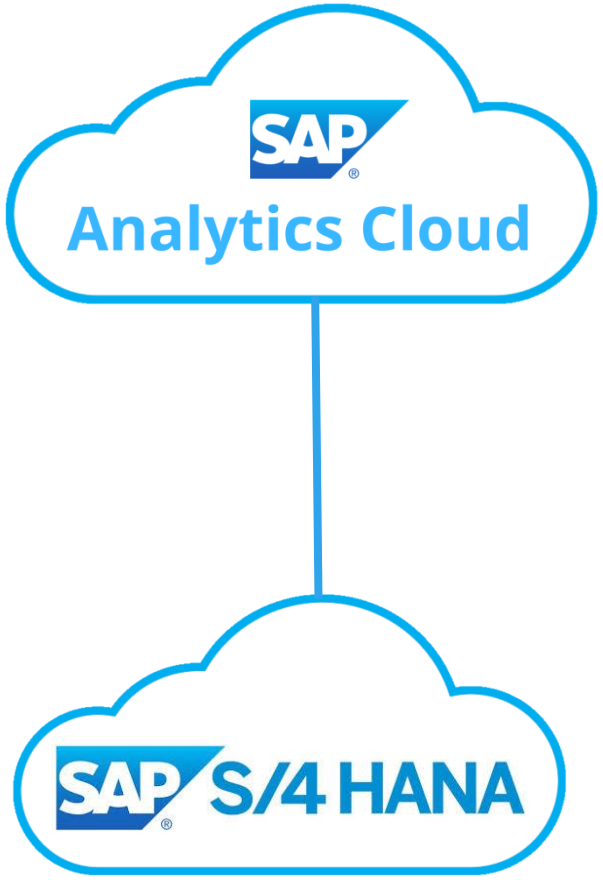

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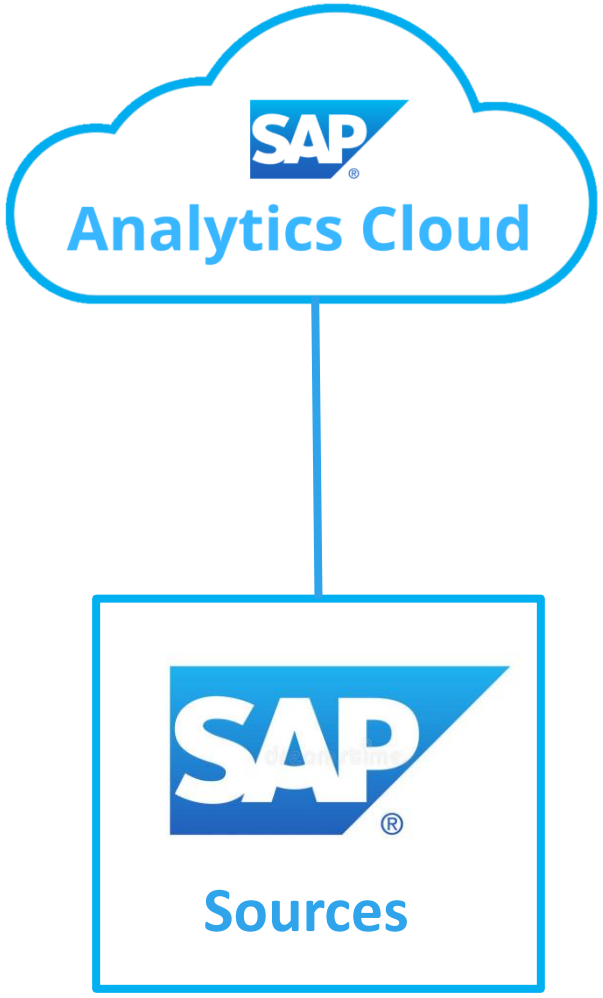
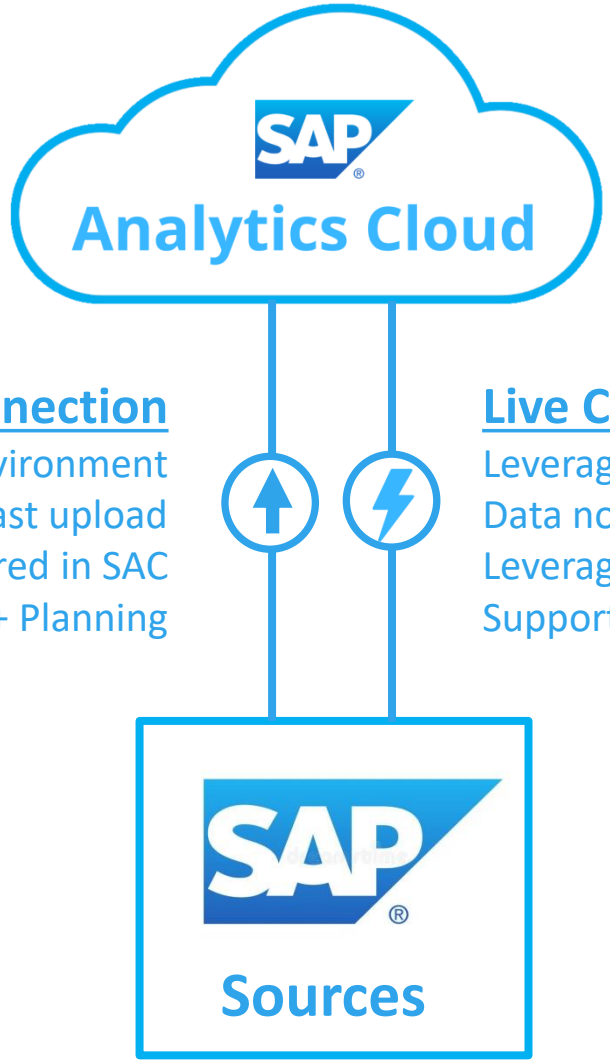


Live & Import Connectivity



Import Connection

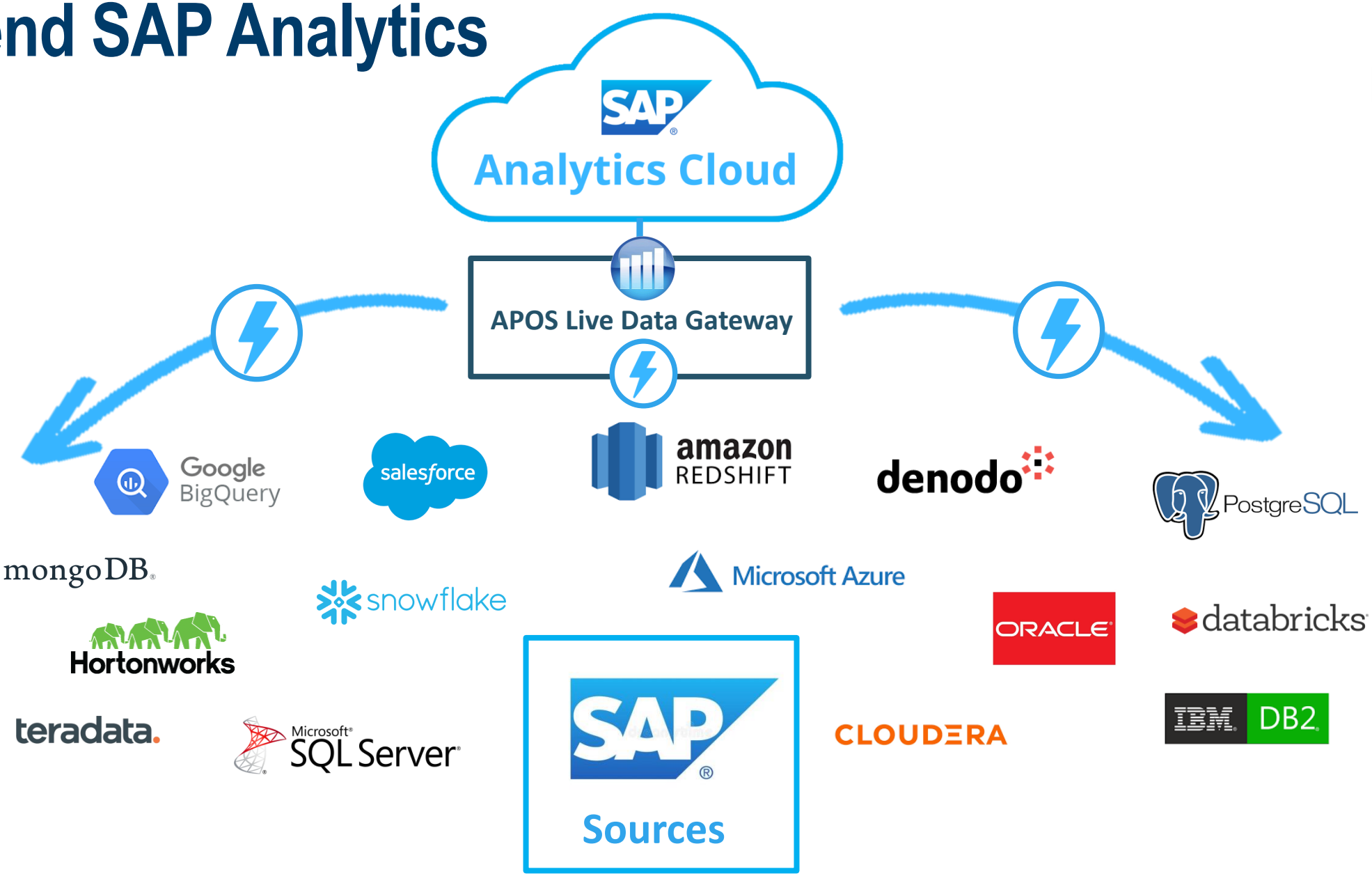
Data moved into SAC data environment
Data uploaded on a schedule, current to last upload
Modelled & secured in SAC
Supports BI + Planning

Live Connection

Leverage data from existing location
Data not moved and does note leave, always current
Leverage existing modelling & security
Supports BI

SAC Connectivity to Non-SAP Sources - Import

Extend SAP Analytics



EXTEND

SAP ANALYTICS

Alan Golding
Solution Consulting Manager
APOS

Unlock Live Data

APOS Live Data Gateway – Unlock Live Data

APOS Live Data Gateway is a data connection and data transformation solution which enables live data connectivity and expanded data source options for SAP Analytics Cloud, with a primary focus on non-SAP data sources.

- Leverage data from its current location
- No movement or importing of data
- Leverage existing data modelling
- Leverage existing security models
- Data is always current
- Data never leaves the firewall
- No added data storage requirements
- Reduce data bandwidth requirements

APOS Live Data Gateway – Unlock Live Data

Supported Data Sources

- Amazon Athena
- Amazon EMR
- Amazon Redshift / Redshift Spectrum
- Amazon S3
- Azure Analysis Services
- Azure Blob
- Azure Cosmos DB
- Azure Data Lake
- Azure SQL Database
- Azure SQL Data Warehouse
- Cloudera
- Databricks
- DB2
- Denodo
- Google BigQuery
- Google Cloud Platform
- Hortonworks
- Informix
- Microsoft SQL Server
- Microsoft Analysis Services
- Mongo DB, Mongo DB Atlas
- MySQL
- Netezza
- Oracle
- Oracle Essbase
- Oracle Exadata
- Postgres
- Presto
- Salesforce
- Snowflake
- Sybase IQ, Sybase SQL Anywhere
- Teradata

- SAP BW - version 7.3 and higher
- SAP BusinessObjects Universes (UNV, UNX)

- JDBC connectivity

Extended Data Sources: 100+ Additional data source and application connection options

https://www.apos.com/content/apos-live-data-gateway-data-sources-supported

Extend SAC Analytics Data Connectivity

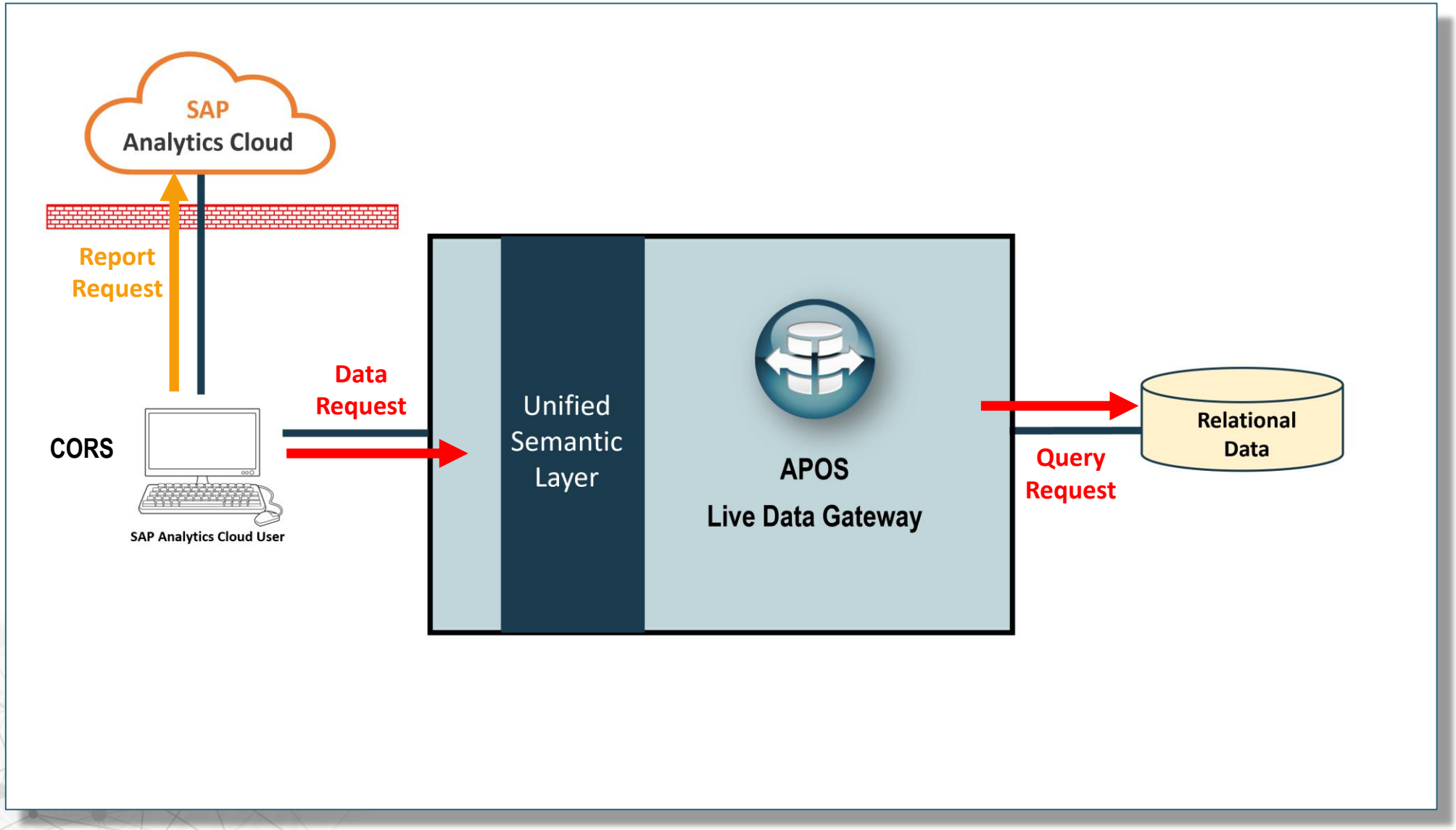
- Relational Data
- Self-Service Semantic Layer
- OLAP Data

Extend SAC Analytics Data Connectivity

Relational Data

- Valuable data assets:
- Common & strategic relational databases
- Cloud data environments
- Big Data

Live Connectivity to Relational Sources



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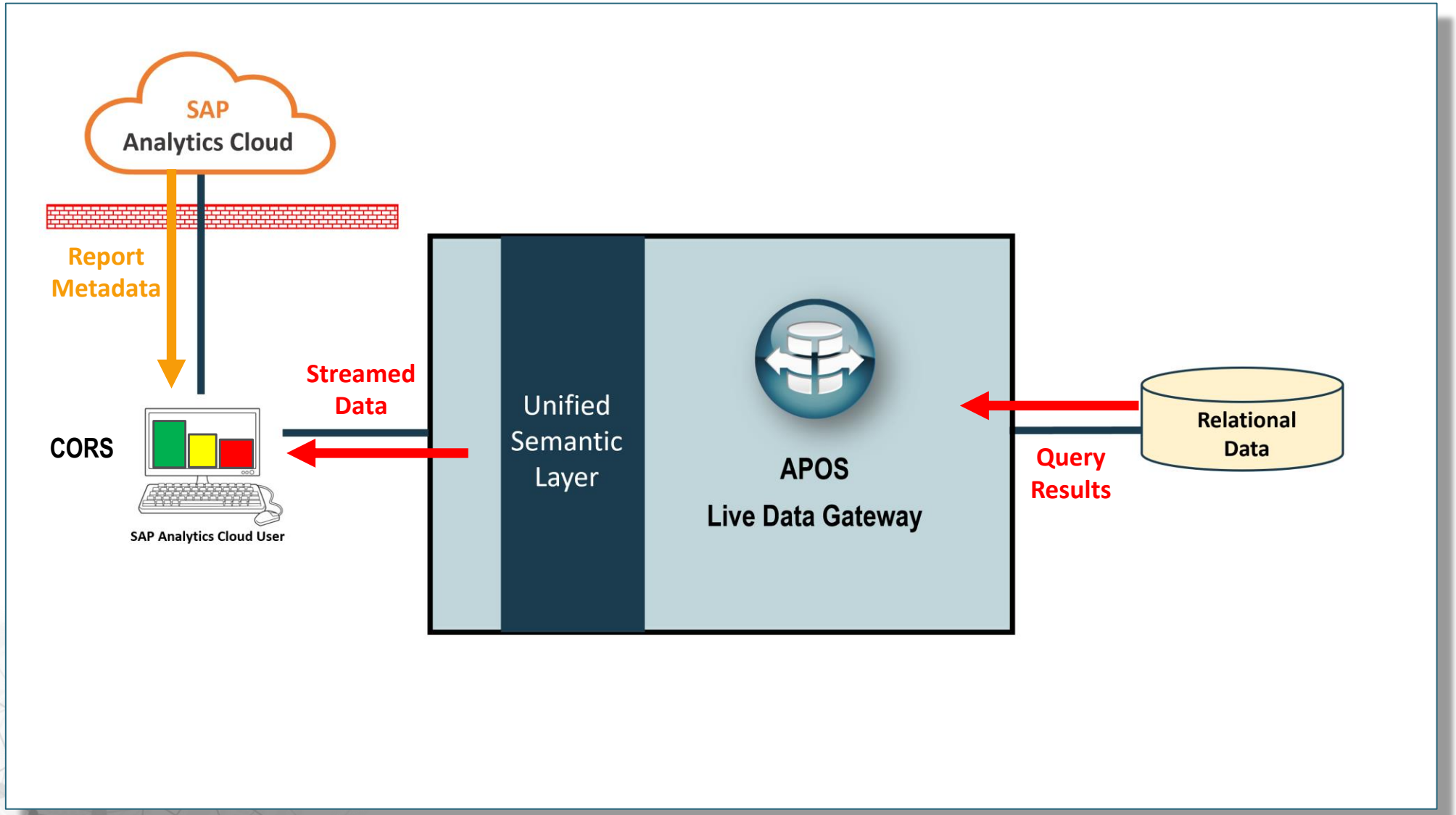

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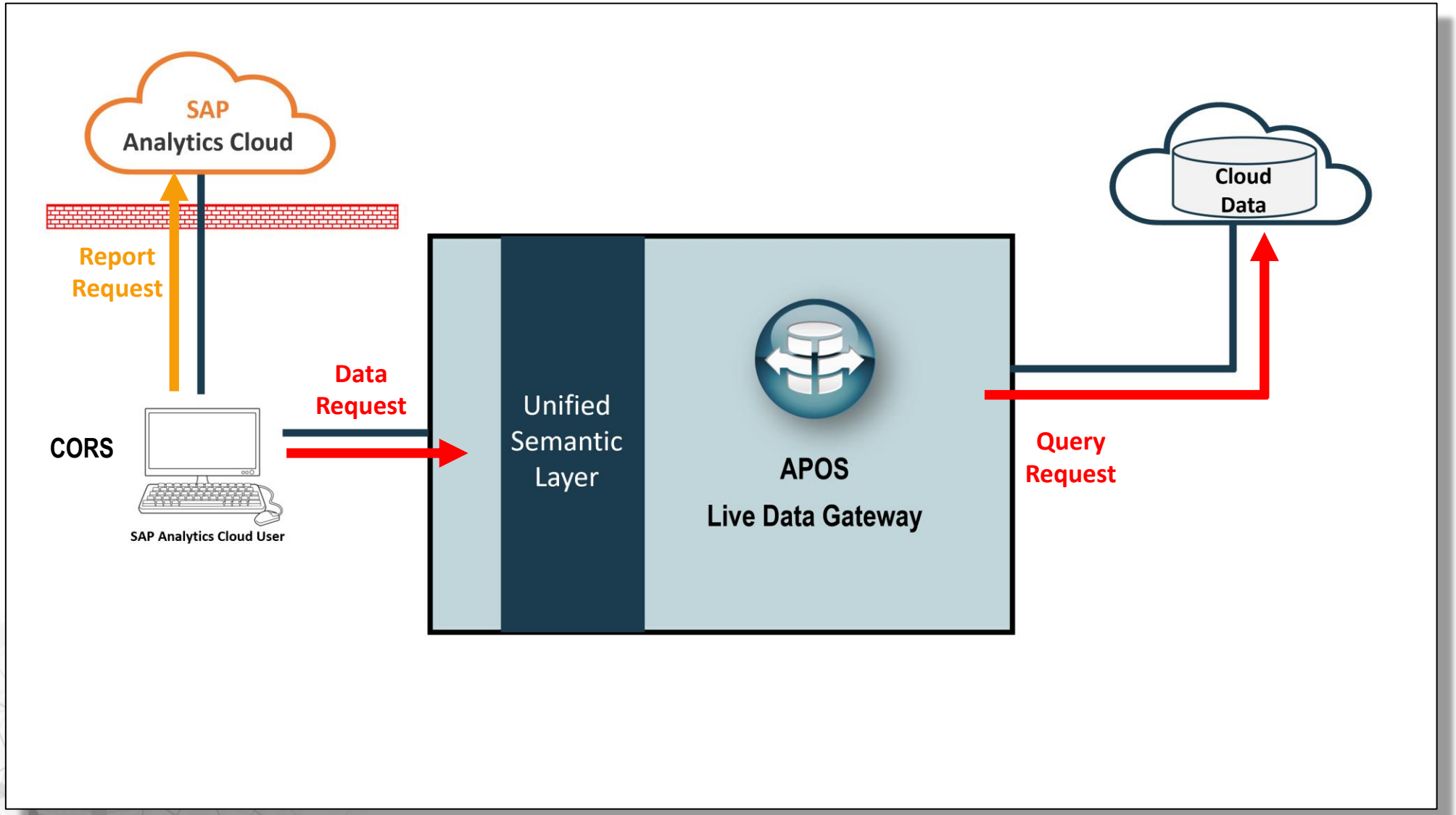

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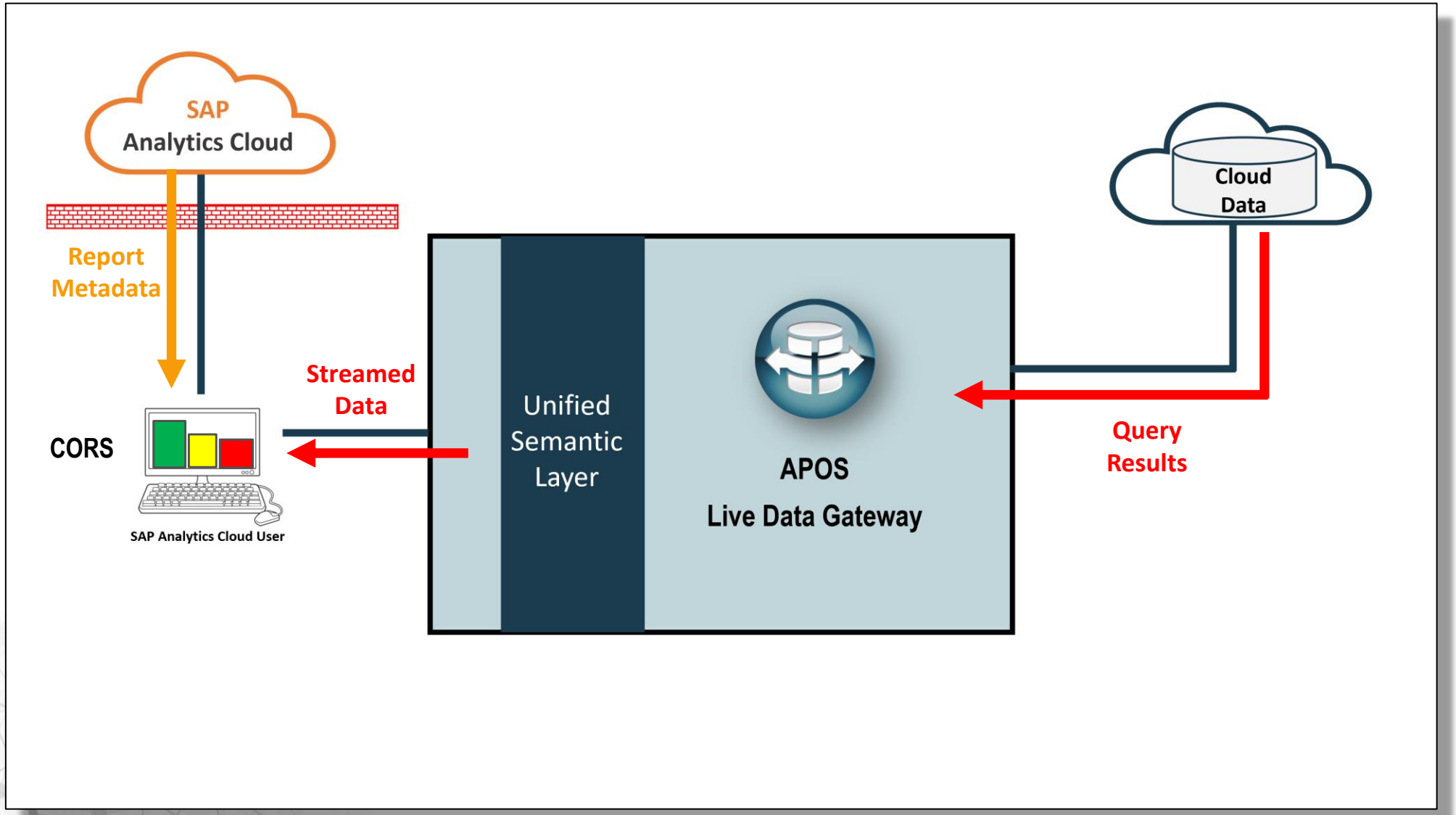


APOS Live Data Gateway – User Personas

SAC Story Consumer

Runs and consumes reports in standard manner. Seamless experience with no awareness of Live Data Gateway involvement.

SAC Story Creator

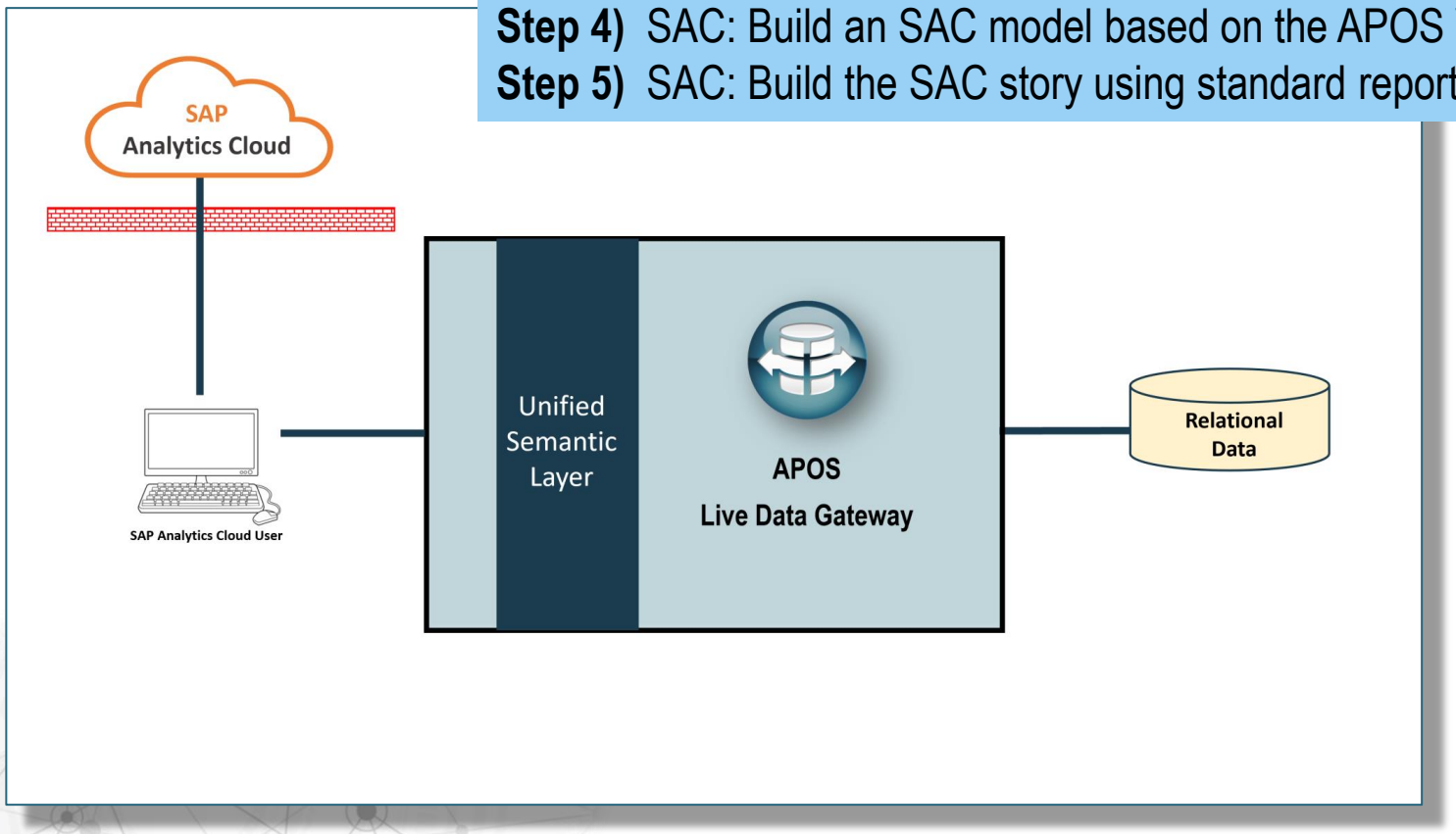
Creates reports in standard manner. Seamless experience, simply connecting to Live Data Gateway / APOS View once connection is created in SAC.

APOS View Builder

Creates connection to target data, and builds appropriate APOS View in the Live Data Gateway browser interface or the administrator client.

5 Steps for SAC Connectivity with LDG

Step 1) LDG: Create a connection from LDG to the data source you wish to use
Step 2) LDG: Build an APOS view within LDG to define the tables/fields you wish to expose
Step 3) SAC: Define a Live Connection in SAC for communication between SAC User and LDG
Step 4) SAC: Build an SAC model based on the APOS View
Step 5) SAC: Build the SAC story using standard report development processes



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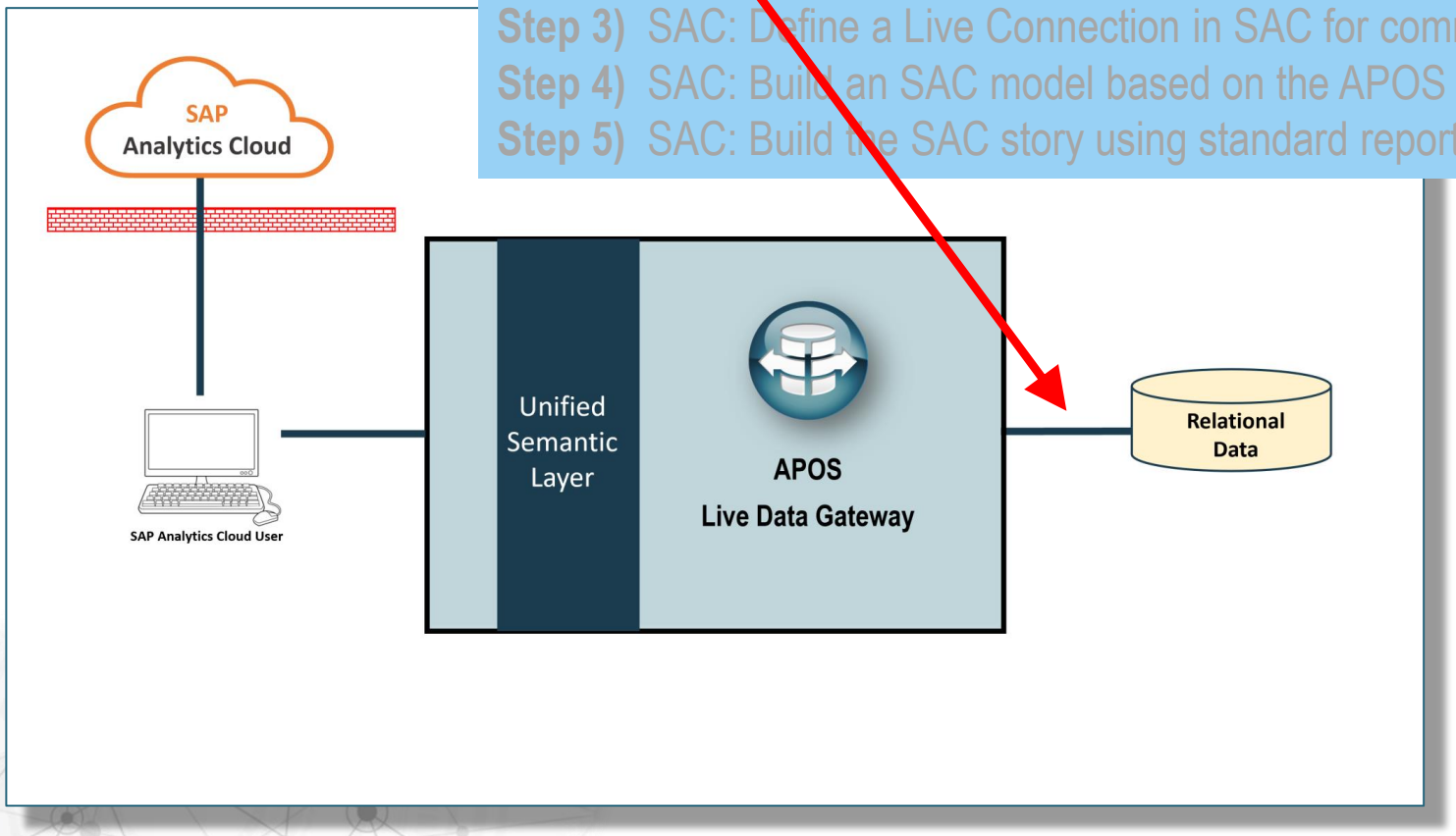

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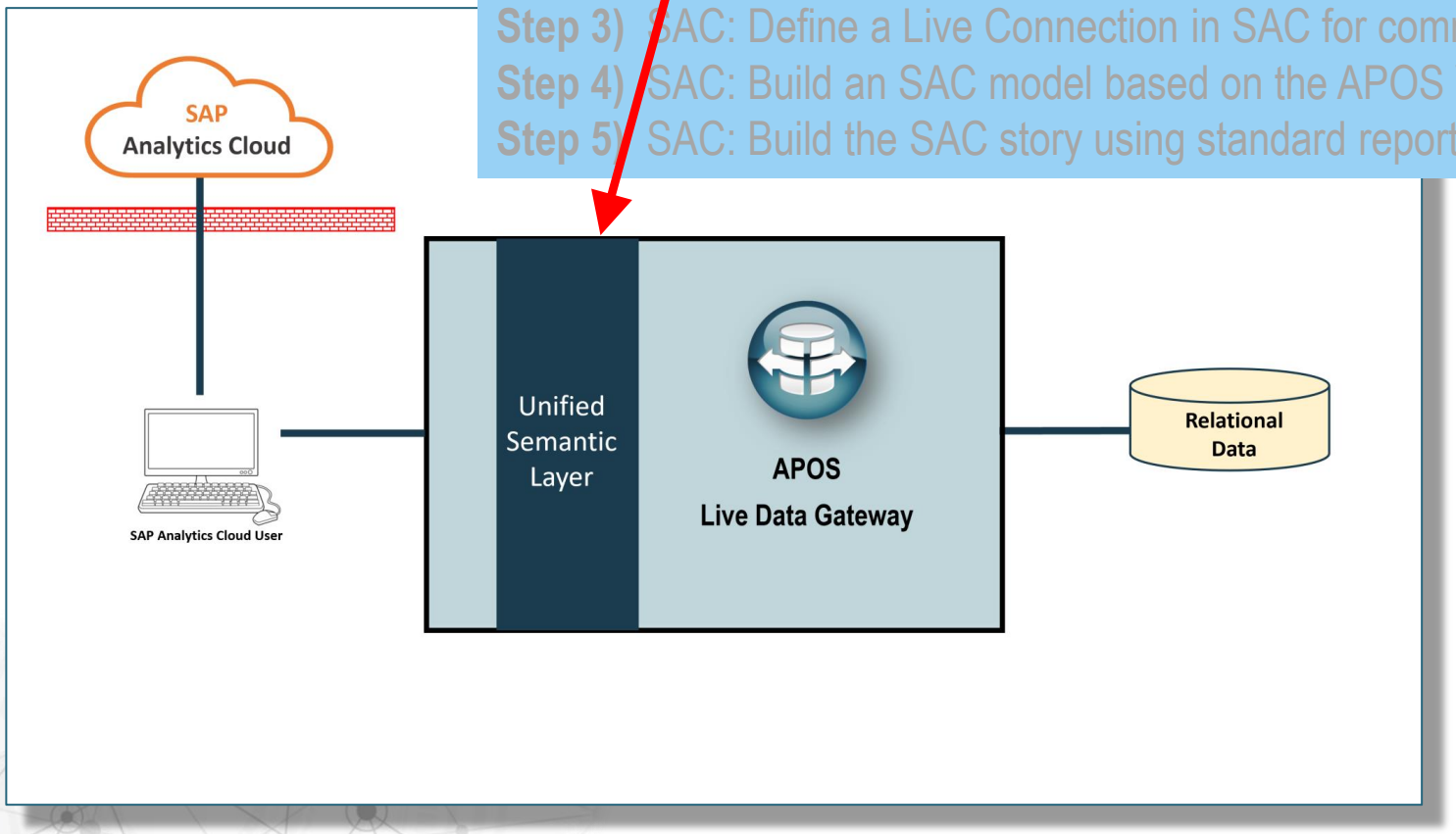

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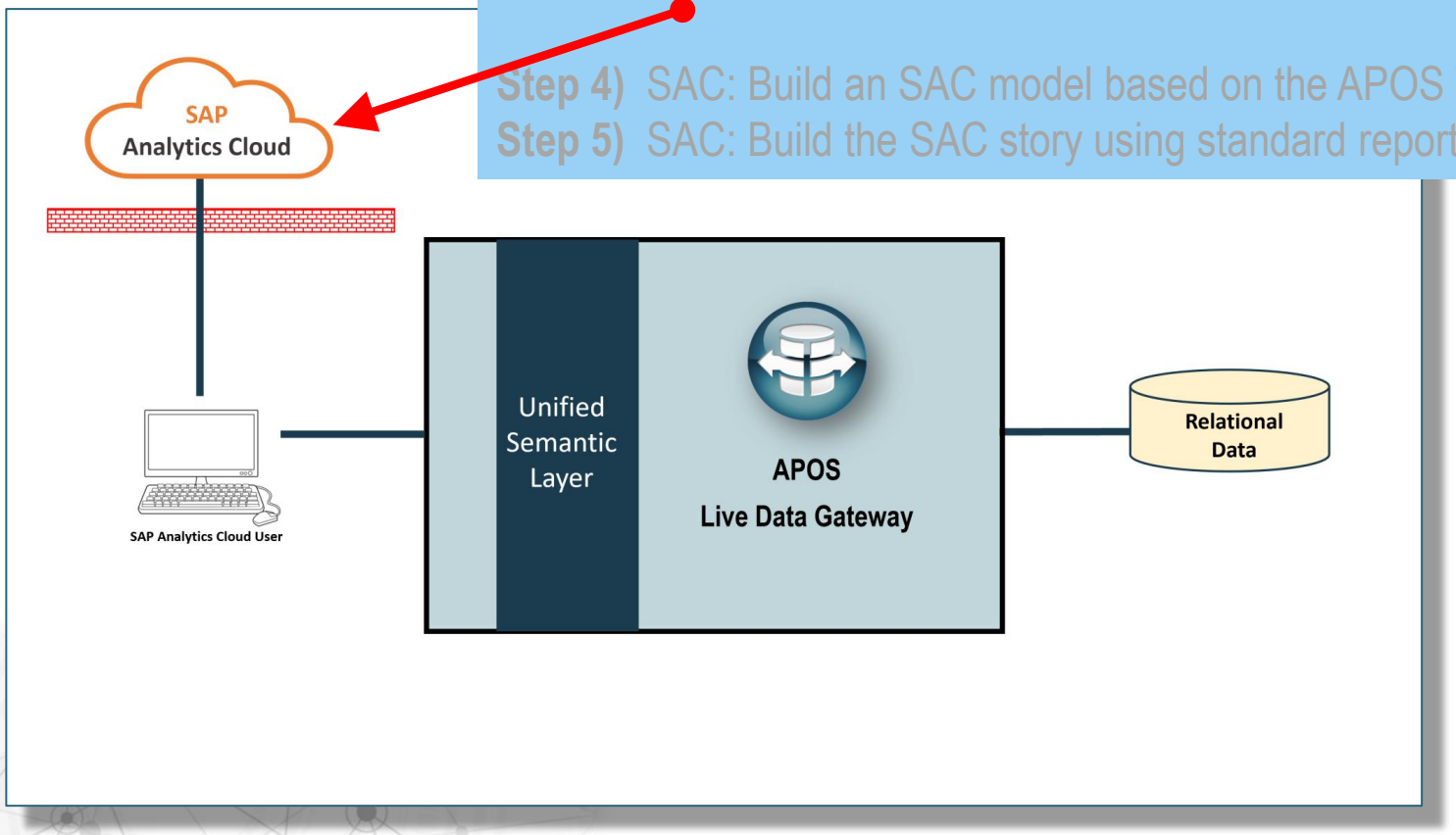

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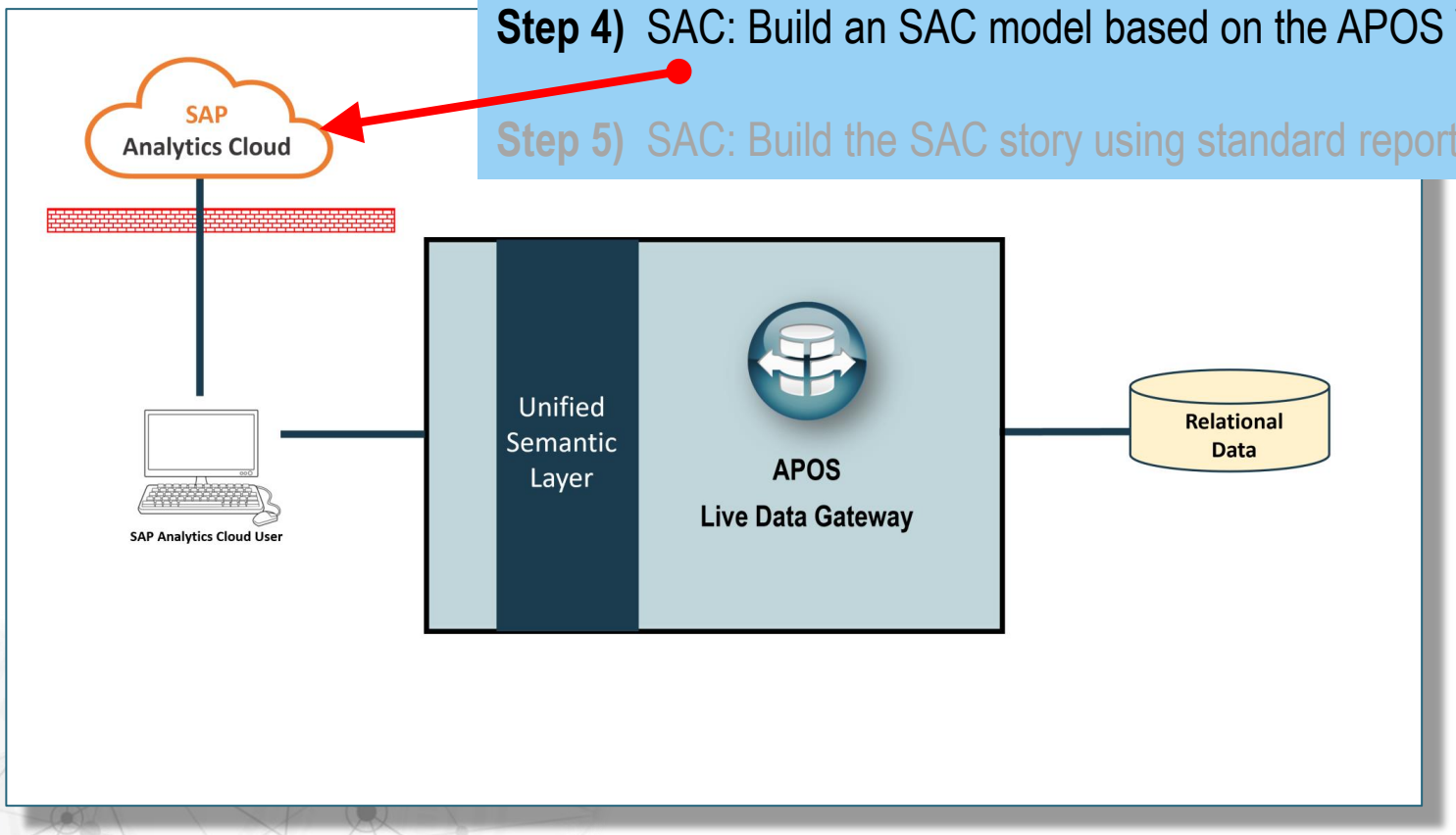

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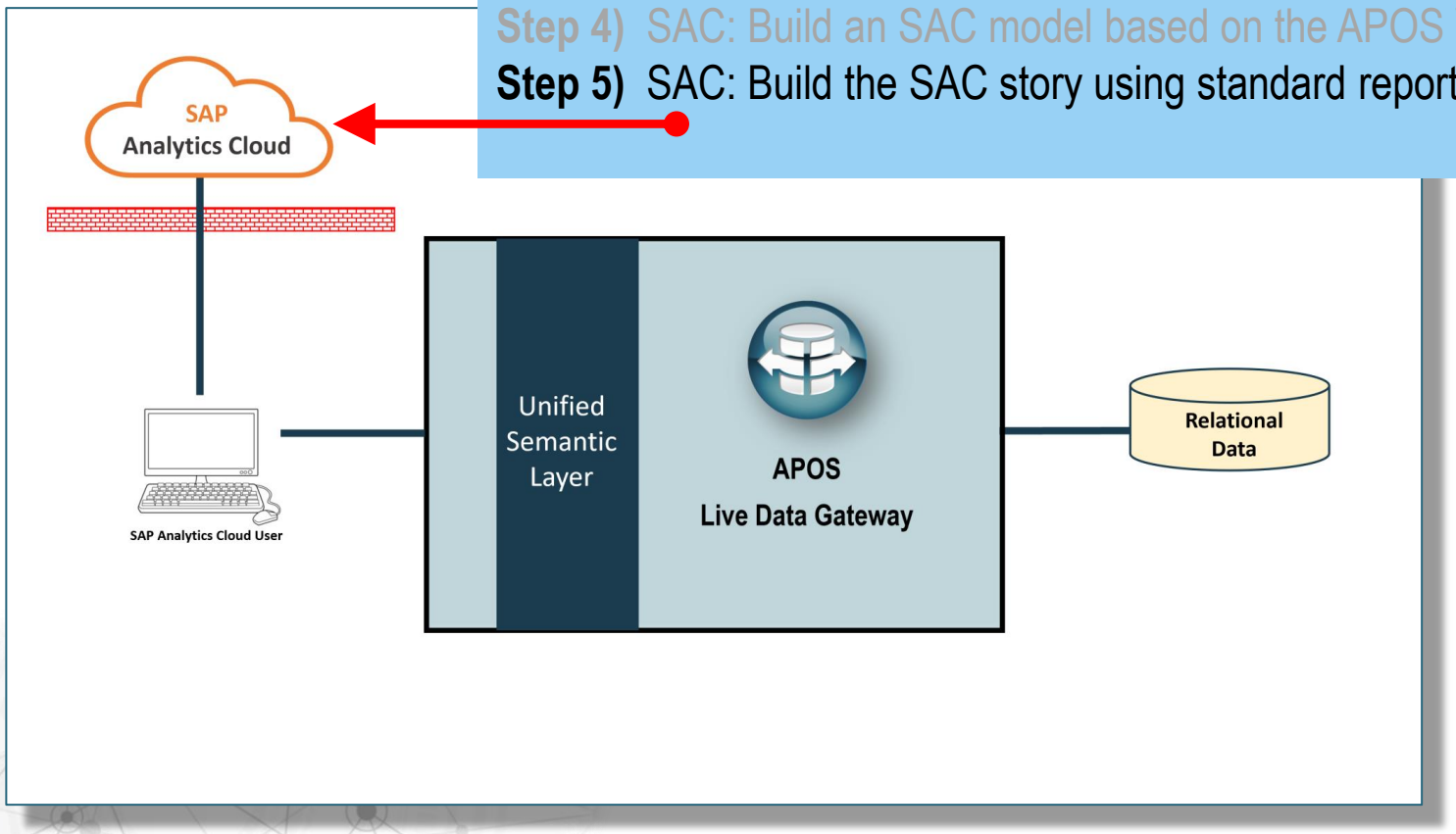

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APOS View Builder

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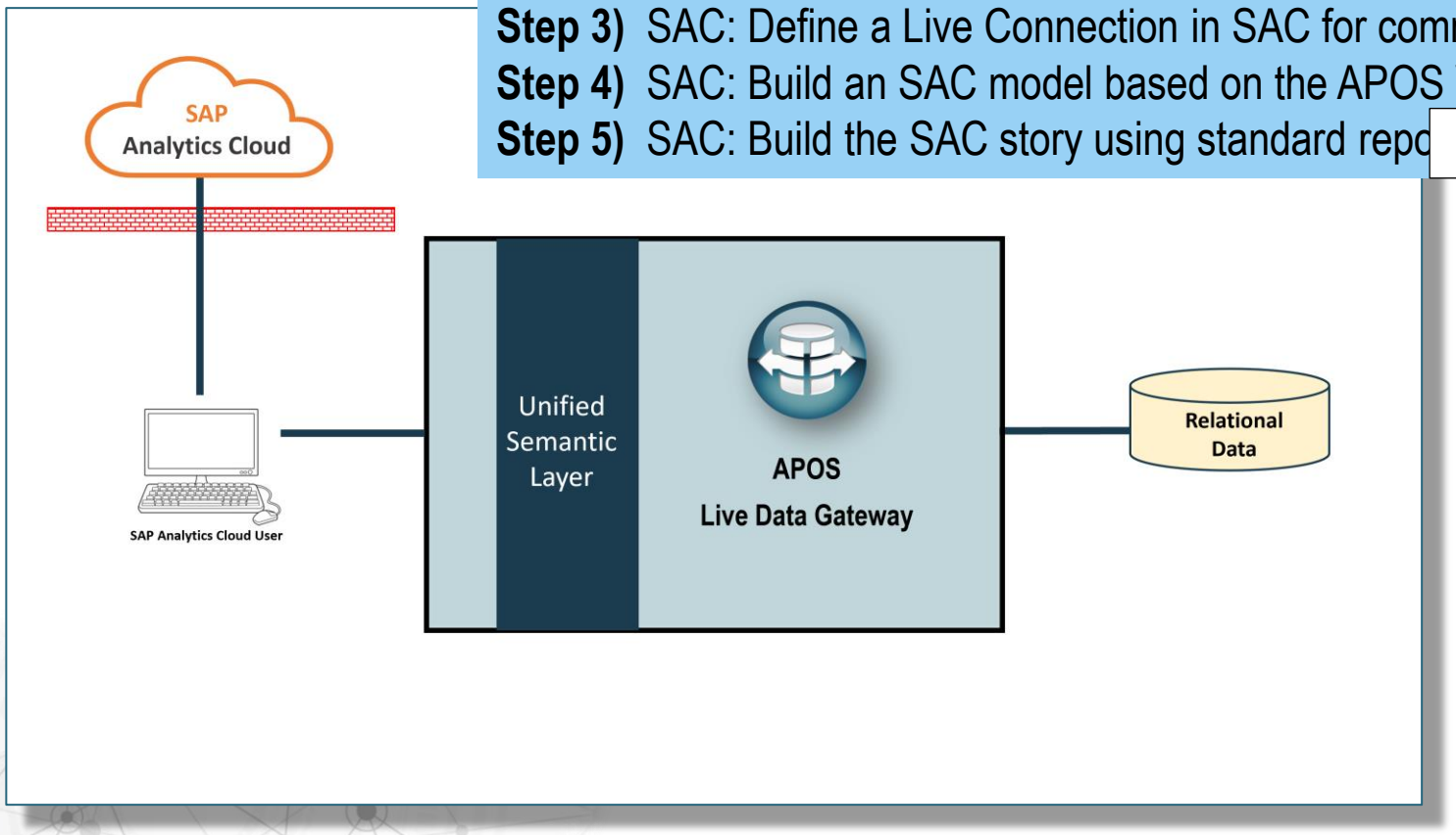
SAC Story Creator



Live Connectivity to Relational Sources

Demonstration

Customer Success

Customer in the chemical and manufacturing materials industry.

- Multiple non-SAP data platforms to be utilized in SAC along with their SAP data
- Live Data Gateway enabled Live Connectivity to Google Big Query, Oracle and SQL Server
- Streamlined important monthly financial close process

Customer Success

- International banking group headquartered in France, utilizes Live Data Gateway to enable SAC reporting via live connectivity to SAP Financial Consolidation module data (MS SQL Server)

- International soft drink manufacturer utilizes Live Data Gateway to leverage data from their Snowflake deployment, as well as their SAP BW instance.

Extend SAC Analytics Data Connectivity

Self-Service Semantic Layer

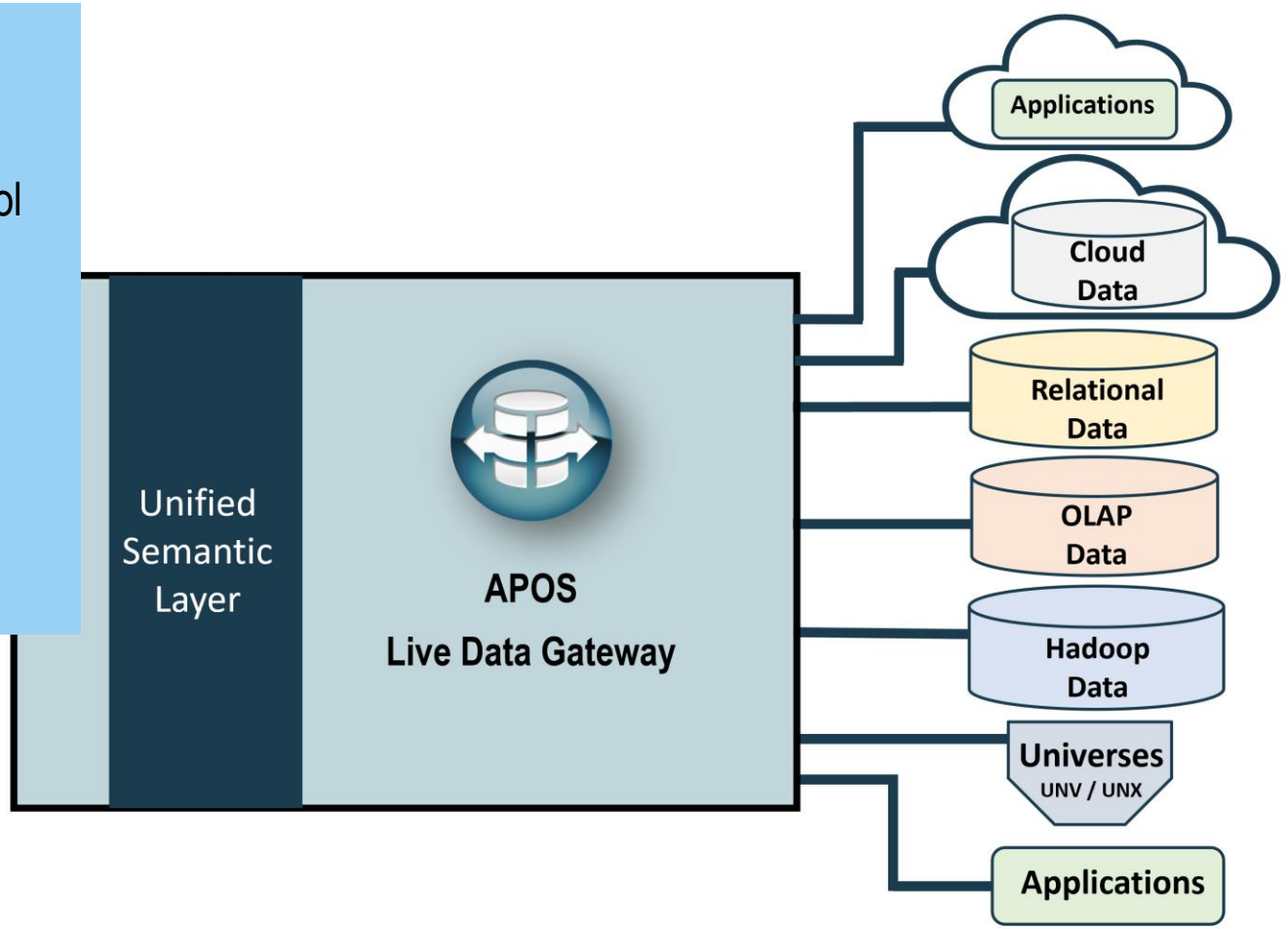
- Technical knowledge barriers
- Broaden user base for extended value

APOS Live Data Gateway

Unified Semantic Layer Key Functions

- Business layer to simplify and control data access

- Define Measures and Dimensions
- Define what data fields are exposed
- Manage table links and joins
- Set meaningful field names



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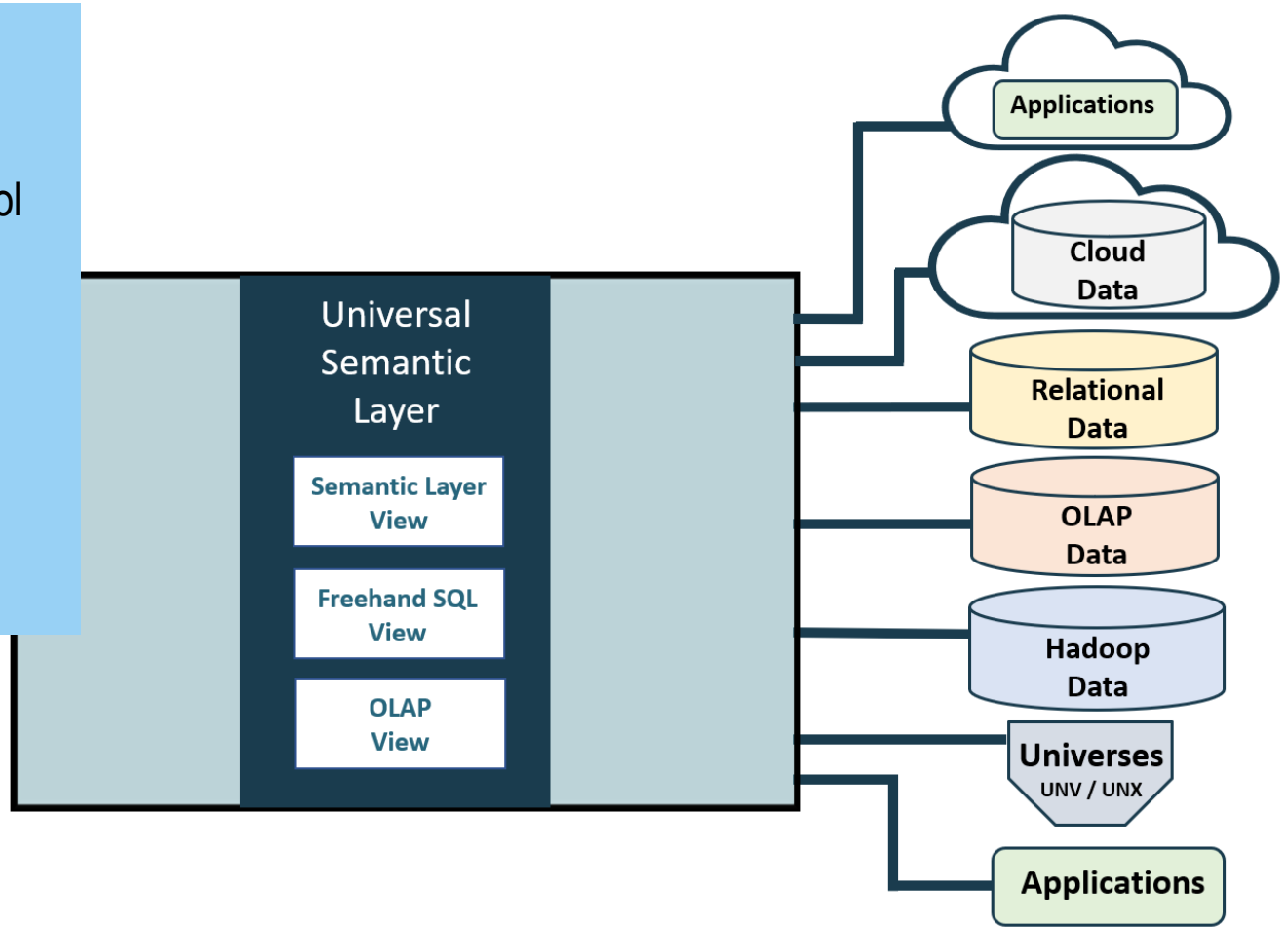


Self Service Modelling with Universal Semantic Layer

Demonstration

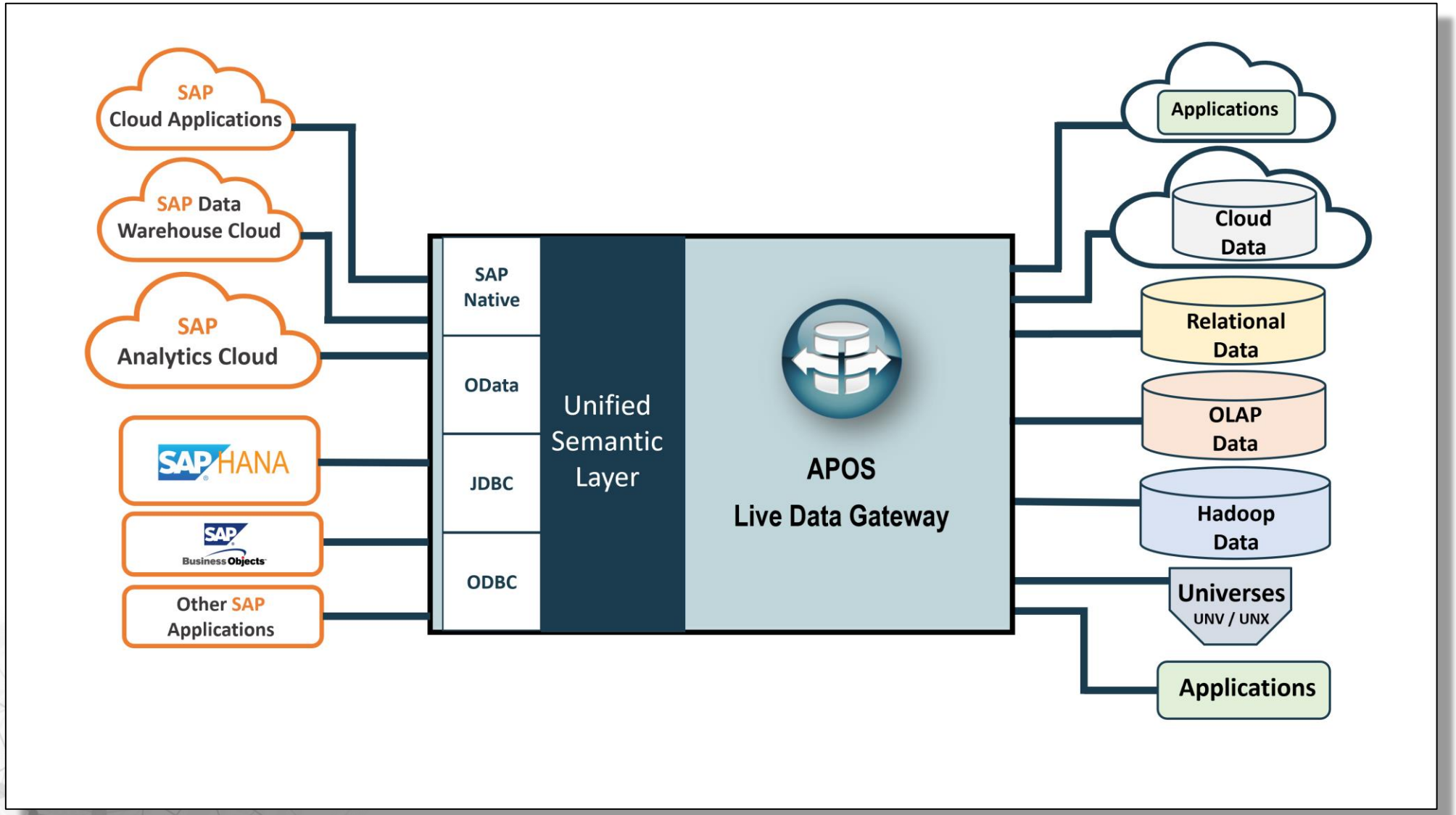
Customer Success

Leading global corporation in the food production and commodities trading industry

- They had deployed Live Data Gateway, but want a way for users to handle the creation of APOS themselves rather than having to handle multiple requests themselves

- APOS web-based semantic layer design interface allows broad set of users to create and maintain business relevant APOS Views

APOS Live Data Gateway



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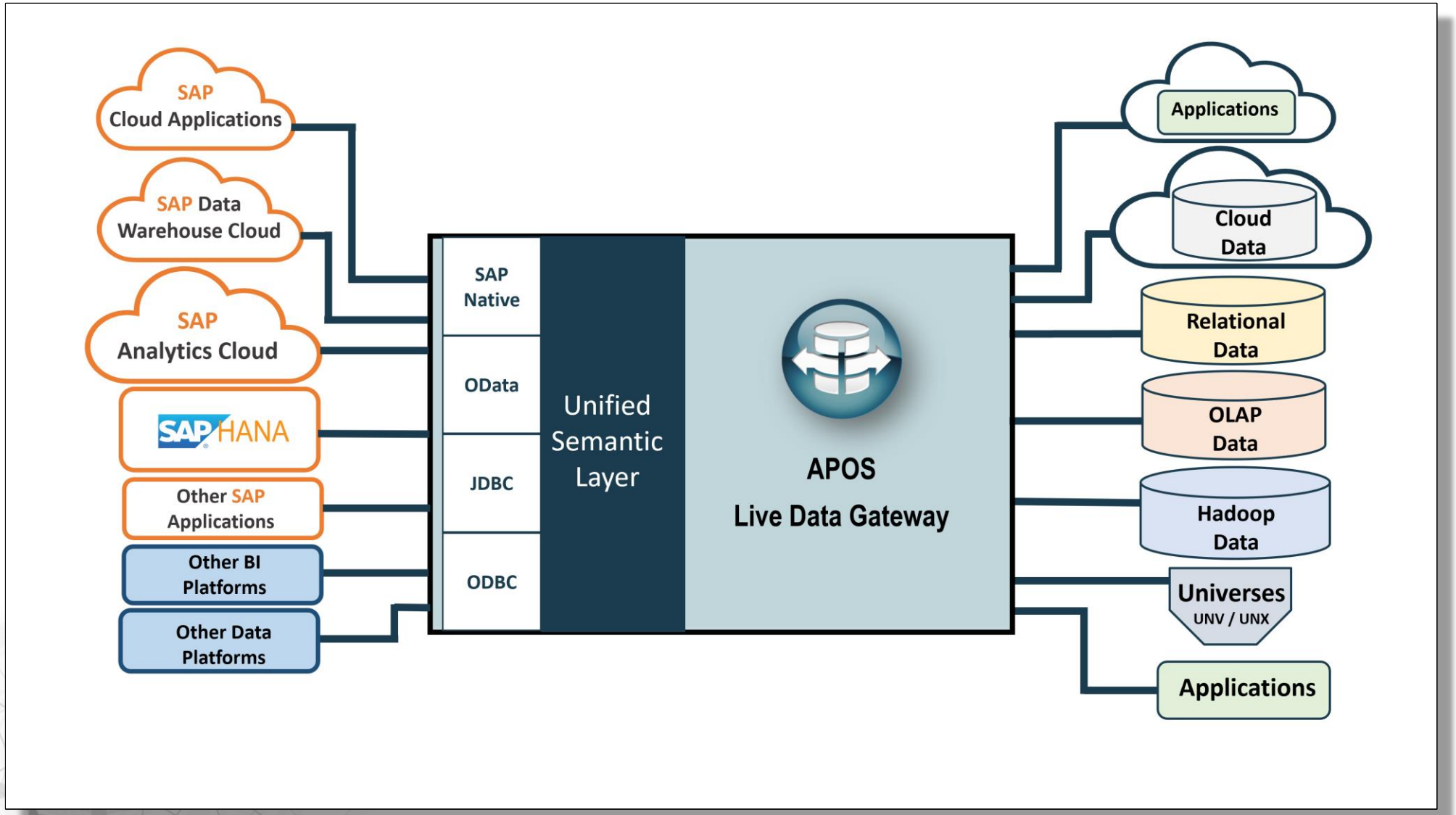
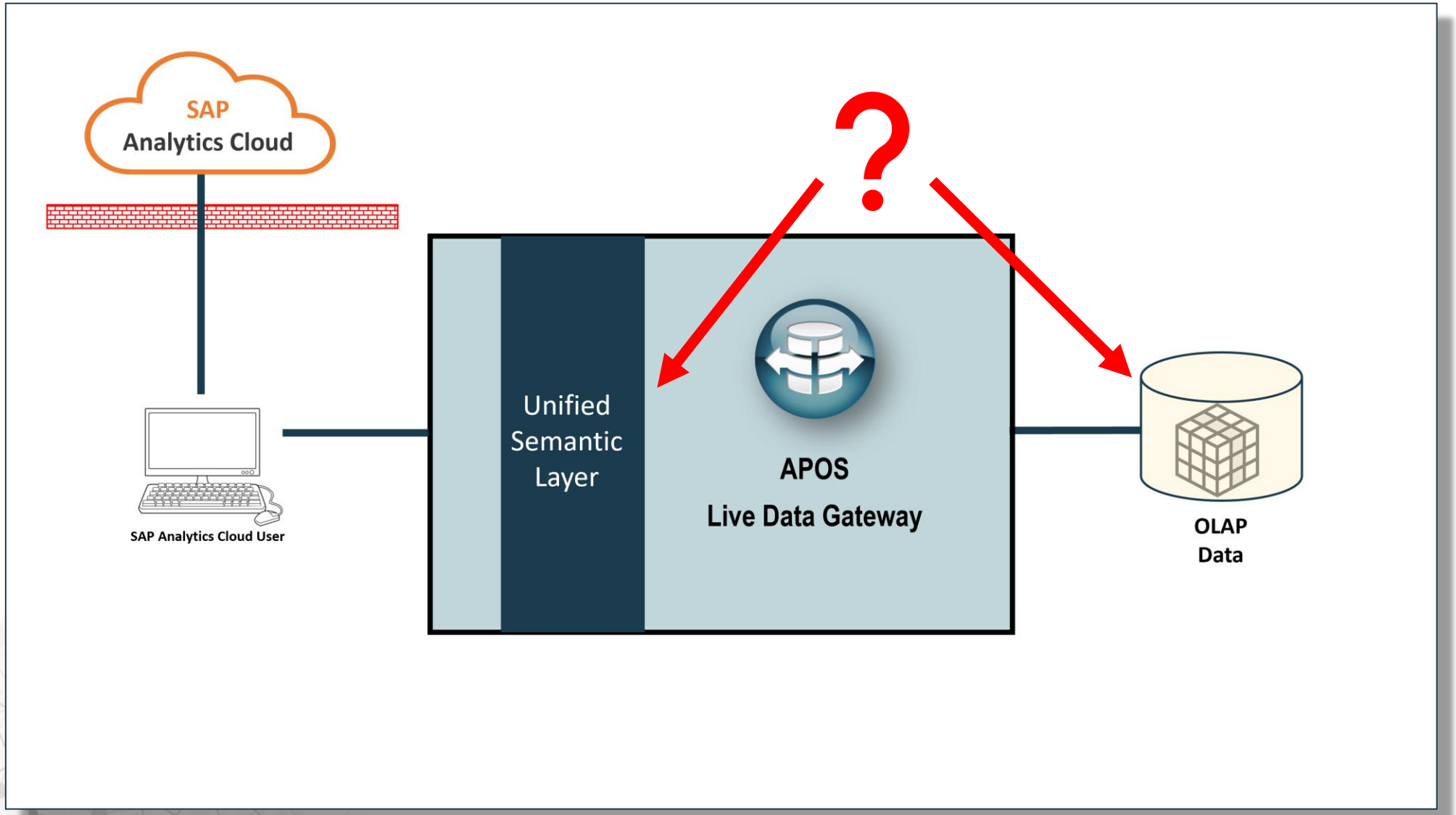


Extend SAC Analytics Data Connectivity

OLAP Data

- Purpose built for analytics
- Extend use and value

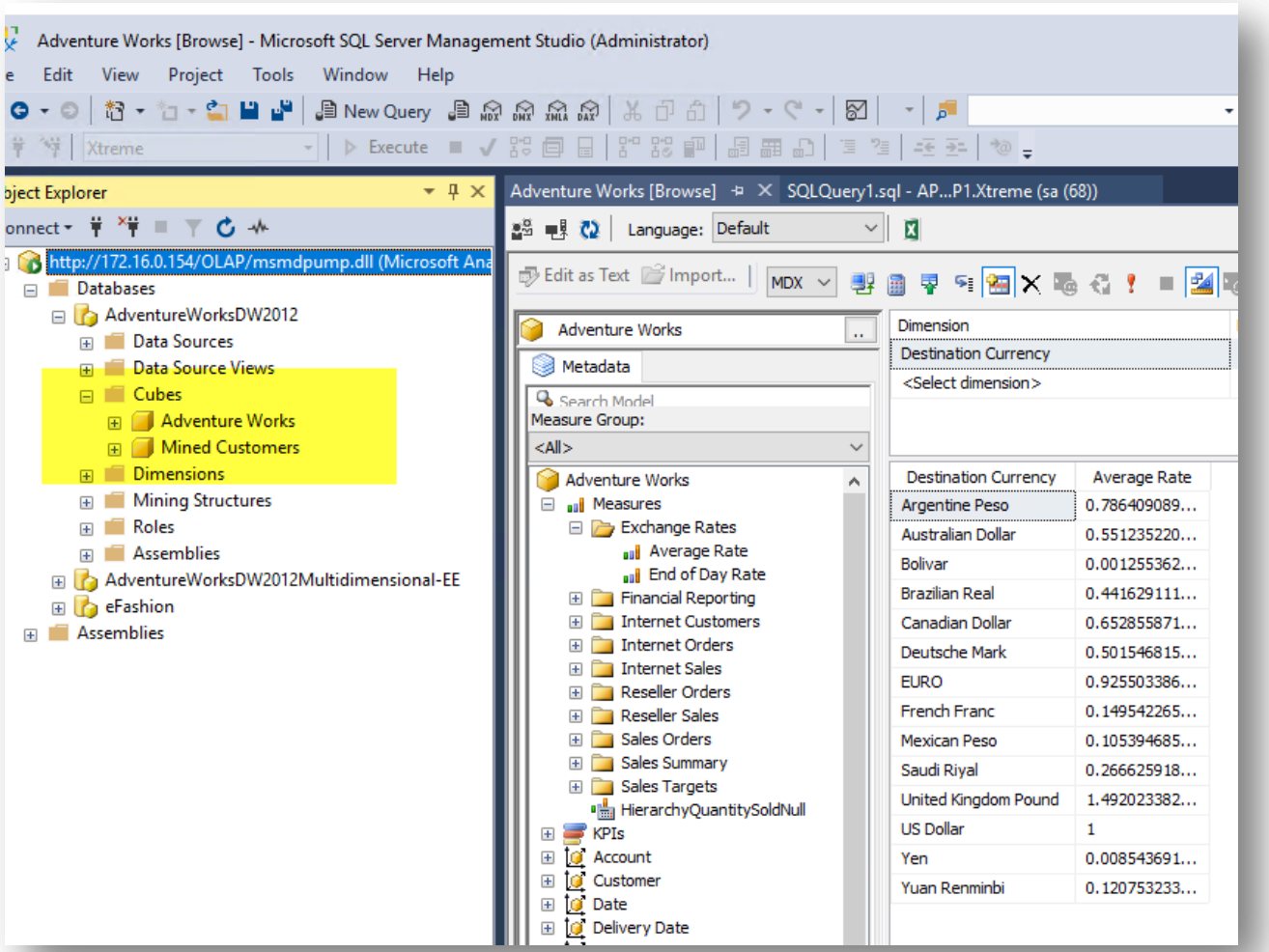
Connecting to OLAP Sources



Live Connection to OLAP Datasources

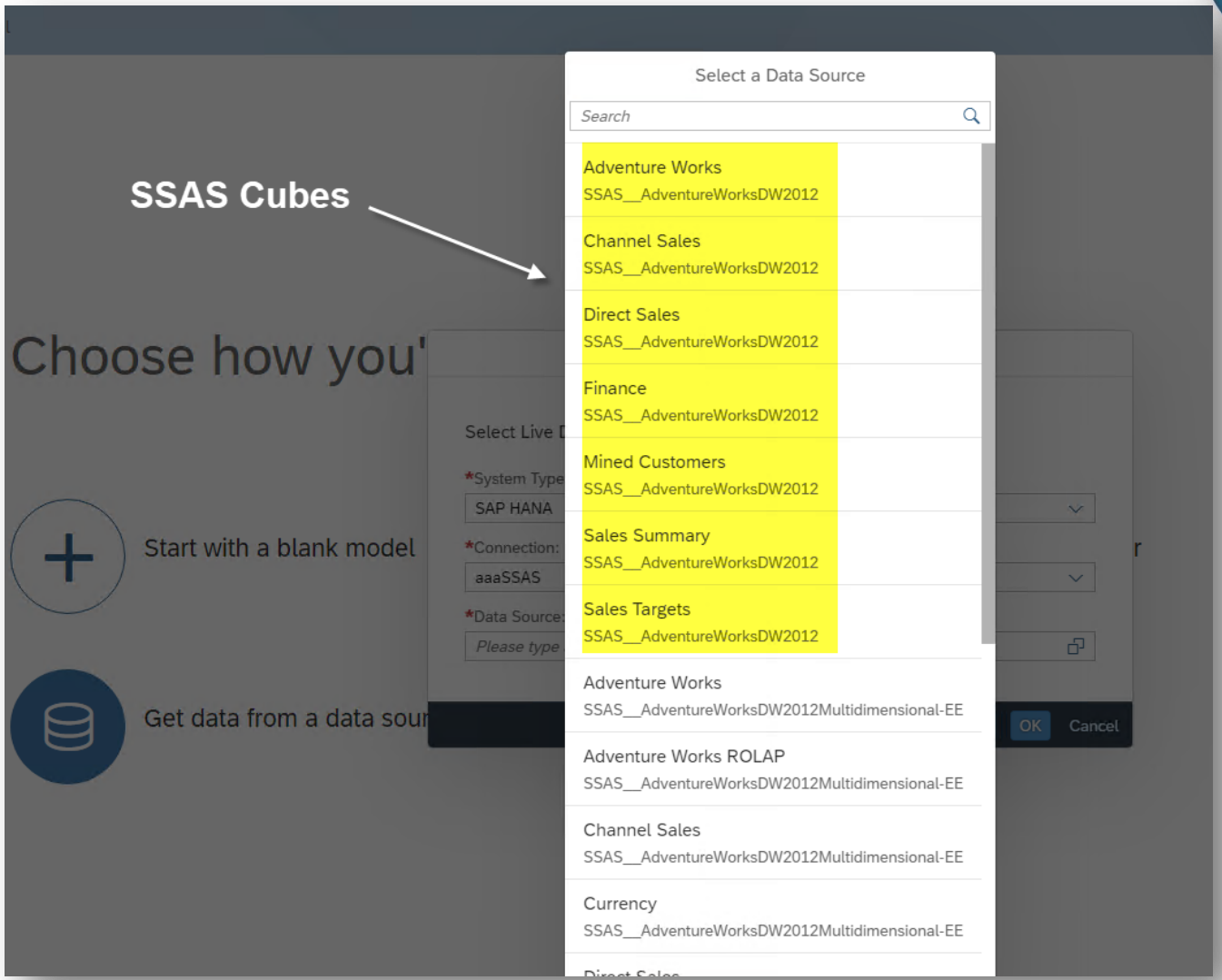
Connect Live to OLAP

- Measures and dimensions already defined
- Not necessary to create APOS Views



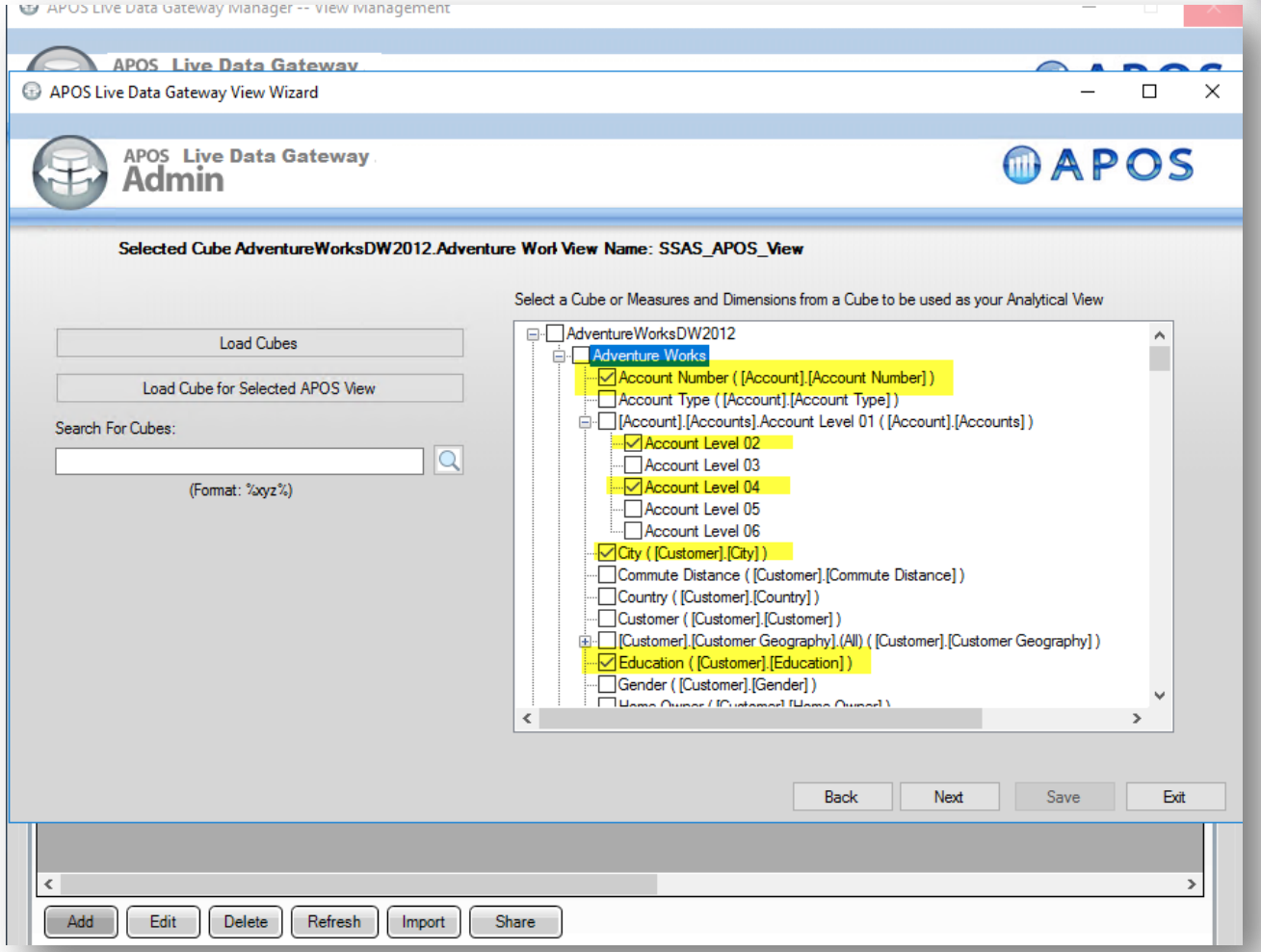
Live Connection to OLAP Datasources

- Cubes are available as data sources when creating the SAC Model



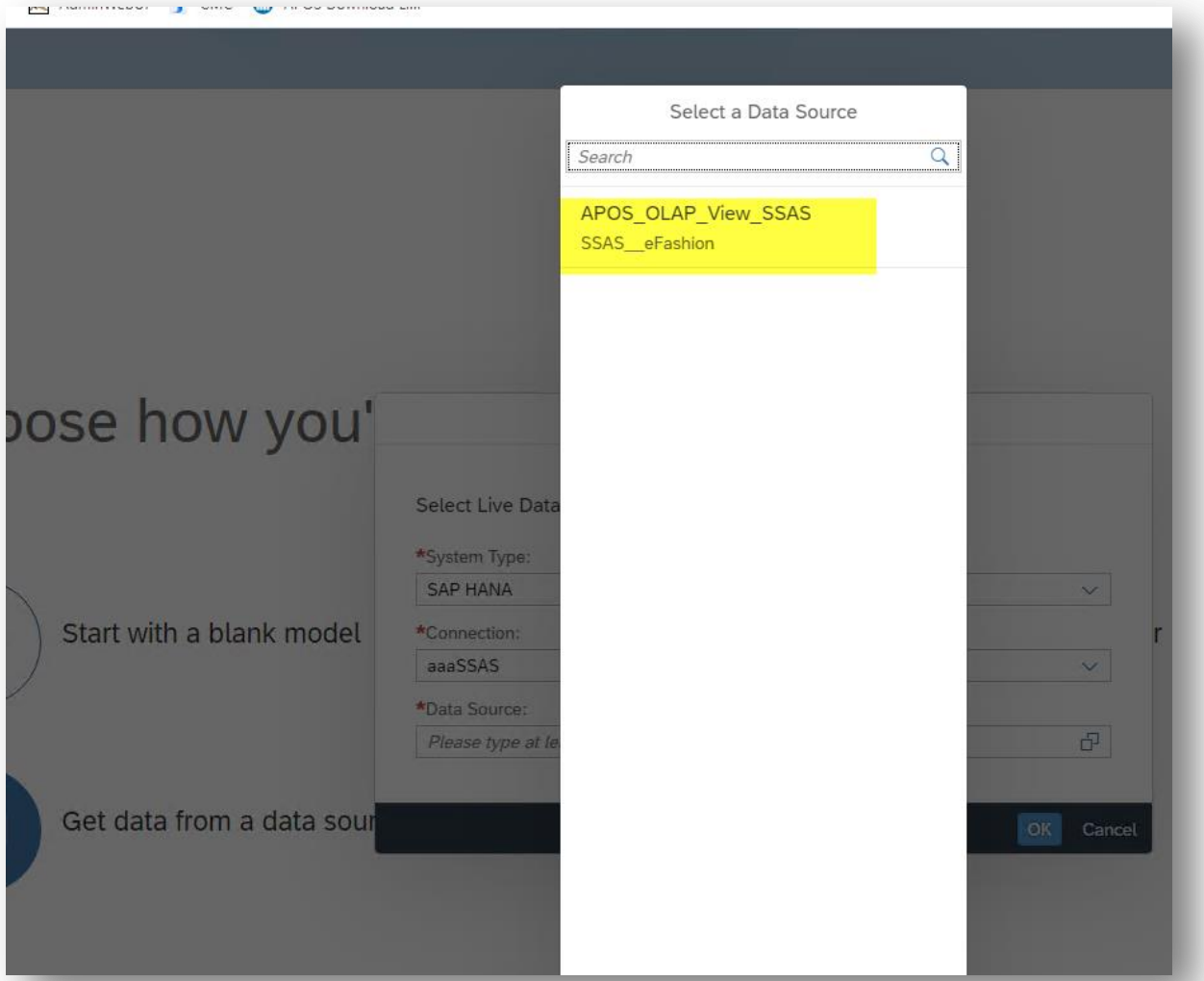
Live Connection to OLAP Datasources

- Option to also build APOS OLAP Views against existing OLAP Cubes
- Create smaller subset of measures and dimensions



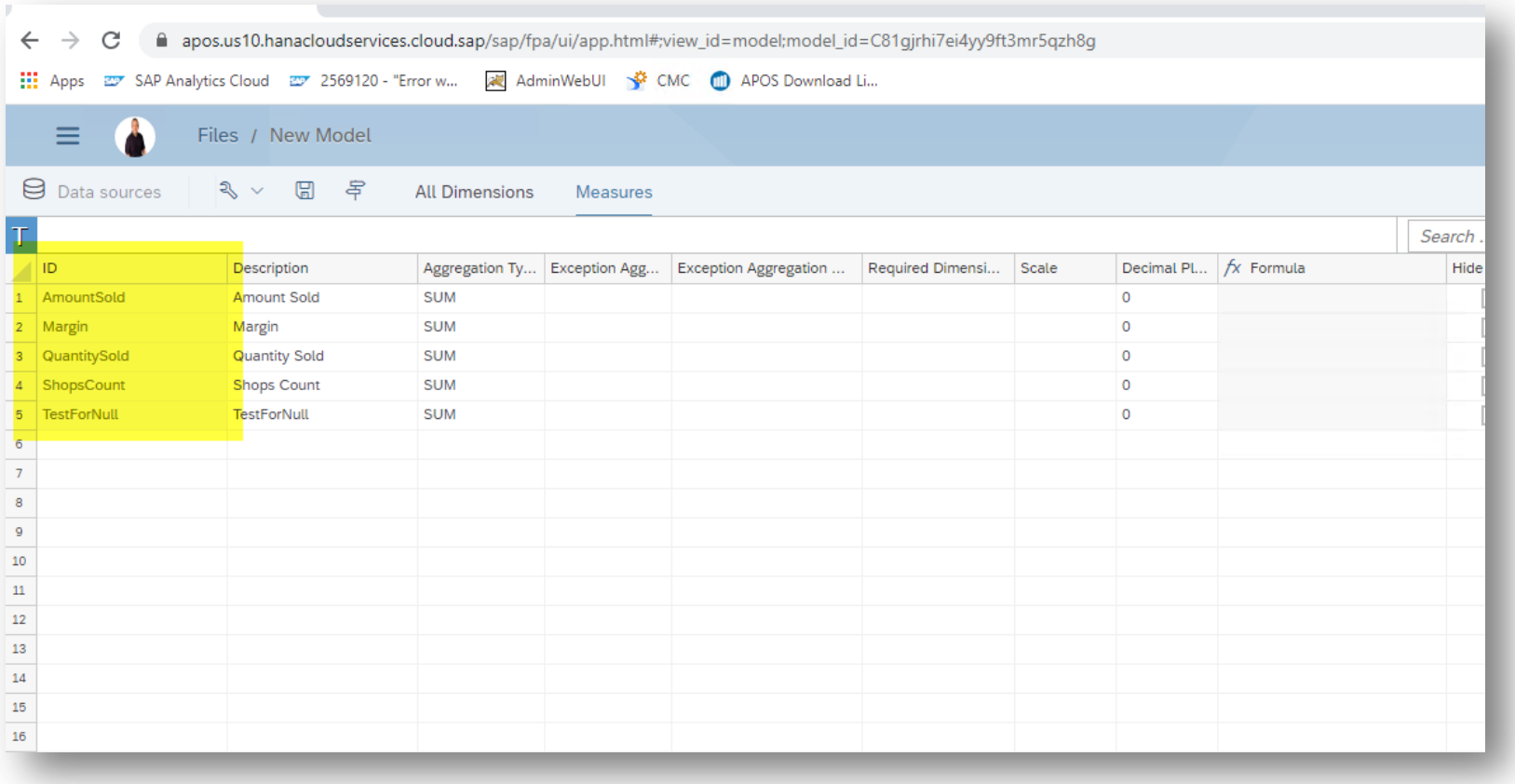
Live Connection to OLAP Datasources

- APOS OLAP View is now available as a data source



Live Connection to OLAP Datasources

- SAC Model now has less measures and dimensions
- Improves Live OLAP performance
- Simplifies User navigation of OLAP data



Use Case Scenario

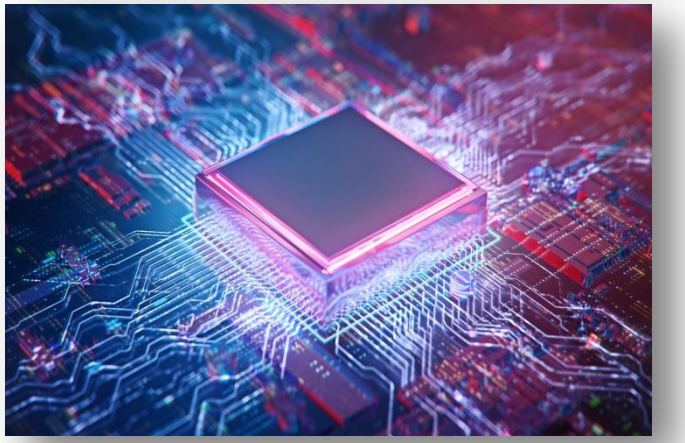
Major European telco:

- Significant investment had been made in Essbase cubes, live connectivity needed from SAC
- Extremely large cubes, some with over 30,000 Hierarchical measures, creating negative impact on live mode performance and usability
- Universal Semantic Layer enabled build of OLAP Views to target and expose only a smaller subset of measures and dimensions from the cube

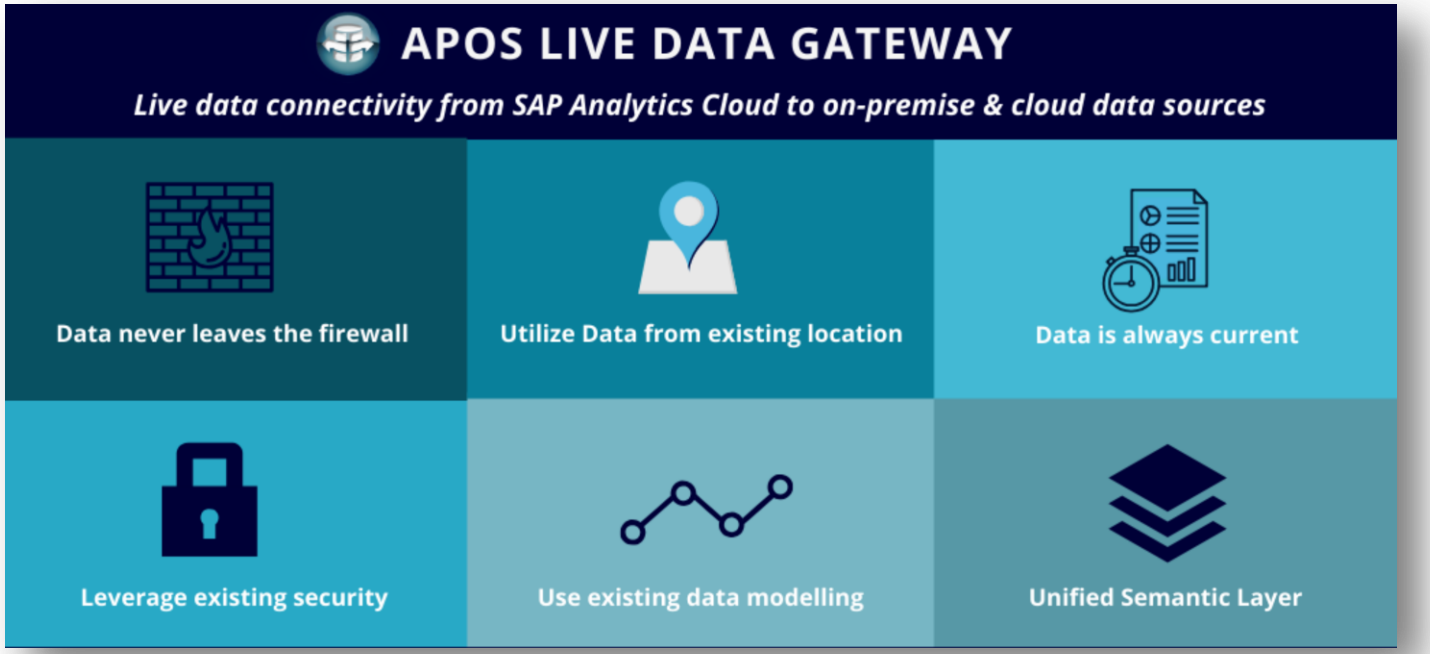
Customer Success

- Top-ranked global reinsurance organization utilizes Live Data Gateway to access Microsoft Analysis Services data cubes. Deployed as part of a finance transformation initiative, and complementing their S/4HANA system analytics.

- International semi-conductor manufacturer utilizing Live Data Gateway to access Microsoft Analysis Services data cubes, a critical addition to their SAP HANA data analytics



APOS Live Data Gateway



Next Steps:

- Questions
- Solution Videos – www.apos.com
- Solution Demonstration – APOS Account Manager
- Evaluation / Proof of Concept

APOS Solutions for SAP Analytics Cloud

APOS Live Data Gateway

- Live Connectivity from SAC to wide range of data sources

APOS UMMA

- Automated translation of SAP BI Modelling to HANA and Live Data Gateway

APOS Publisher for Cloud

- Bursting and Distribution of SAC content

APOS Insight for Cloud

- Enhanced Monitoring, Auditing and Validation of SAP Analytics Cloud

APOS Solutions for SAP BusinessObjects

Insight

- System Inventory
- Security Analysis
- System Usage Analysis
- Report Impact Analysis
- Advanced System Monitoring
- Operating Environment Monitoring

Storage Center

- System Backup
- Content Archiving
- Content Versioning
- Selective Restoration
- System Replication
- Automated System Clean Up

Publisher

- Systematic Content Delivery
- Advanced Document Bursting
- Enhanced Content Distribution
- Security and Encryption
- Statement Generation

Web Intelligence Migrator

- Bulk conversion of Universes from UNV to UNX
- High-Volume Repoint Web Intelligence Reports
- Success validation
- Controlled, project-based workflow

Administrator

- Rapid Security Management
- High-Volume System Management
- Object Settings and Preferences Management
- Object Promotion
- Schedule Management
- Instance Management

IDAC

- BI Query Governance
- Real-time BI Query Monitoring
- Query Performance Alerting
- Query Intervention; Remote Cancelling
- Query Processing and Pattern Analysis
- Sensitive Data Audit

Validation Manager

- Automated Report Testing
- Regression Testing
- BI Migration and Upgrade Testing
- Validation of Report Data – Schedules, Instances
- Report Performance Testing

Live Data Gateway

- Live connectivity to On Premise data sources and Cloud data sources from SAP Analysis Office
- Simplified data discovery experience
- No data replication or security replication needed

Upcoming Events

Extend Analytics Content Access with Bursting and Publishing - *Webinar*

February 3, 2021 – 11 am EST

APOS Publisher for Cloud extends the accessibility of powerful analytics content created in SAP Analytics Cloud, by meeting the needs of user groups who benefit from content being pushed directly to them. APOS Publisher for Cloud enables distribution of the right information to the right people at the right time and in the right format.

APOS Publisher enhances your SAP Analytics Cloud content access through:

- Dynamic, data-driven bursting
- Expanded bursting formats & destinations
- Robust report consolidation

This webinar will demonstrate these capabilities and real-life use cases.

Register at www.apos.com

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Interested in learning more about SAP Analytics Cloud and Sharing your experience?

JOIN THE SAP ANALYTICS CLOUD GROUP TODAY!

Join easily by searching "SAP Analytics Cloud (SAC)" & Request to Join on LinkedIn!

QUESTIONS?

Please enter your questions in the Q&A panel.

APOS

Thank You!

Get in Touch

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