



Simplify Analytics for SAP Ariba

APOS Live Data Gateway, Ariba Edition

Today's Session

Key Topics

- Ariba Connectivity Challenges
- Ariba Connectivity Options
- Live Data Gateway for Ariba
 - Story Creation
 - Data Access
 - Semantic Layer
- Q&A – see webinar console





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within 24
hours**



**Tell us how
we did in the
survey**

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



APOS



**SAP
BusinessObjects**



Hybrid BI



**SAP
Analytics Cloud**

APOS Solutions for SAP Analytics Cloud



APOS Live Data Gateway

- High-performance live data connectivity
- Virtualized, governed, self-service connectivity
- Connect to Relational databases
- Connect to OLAP data sources
- Connect to Cloud data environments
- Connect to SAP Application data

APOS Publisher for Cloud

- Automate secure information delivery
- Deliver timely information
- Create a flexible messaging environment
- Simplify administration
- Use multiple formats & destinations
- Burst stories with multiple filters
- Burst conditionally
- Collate stories
- Personalize PowerPoint bursting



APOS Insight for Cloud

Monitor – tracking & alerting for:

- SAC story performance
- System response measures

Validation automated comparisons across SAC versions of:

- SAC story data
- SAC story performance
- SAC story structure

Impact analysis – granular auditing of SAC story structure metadata

APOS Semantic Layer Migration

- Capture SAP BI Universe data connection and data modelling logic
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SAP Analytics



APOS Live Data Gateway – Unlock Live Data



APOS Live Data Gateway is a middleware platform which provides virtualized data connection and data transformation to enable live data connectivity and expanded data source options for SAP Analytics Cloud.



APOS Live Data Gateway



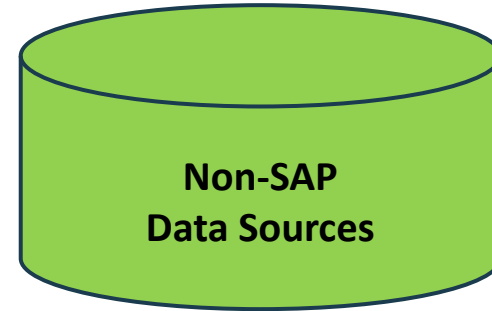
Supported Data Sources

- Amazon Athena
- Amazon Aurora
- Amazon EMR
- Amazon Redshift / Redshift Spectrum
- Amazon S3
- Azure Analysis Services
- 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
- Azure Blob
- Mongo DB, Mongo DB Atlas
- MySQL
- Netezza
- Oracle
- Oracle Essbase
- Oracle Exadata
- Postgres
- Presto
- Salesforce
- Snowflake
- Sybase IQ, Sybase SQL Anywhere
- Teradata
- SAP BusinessObjects Universes (UNV, UNX)
- SAP BW - version 7.3 and higher
- 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>

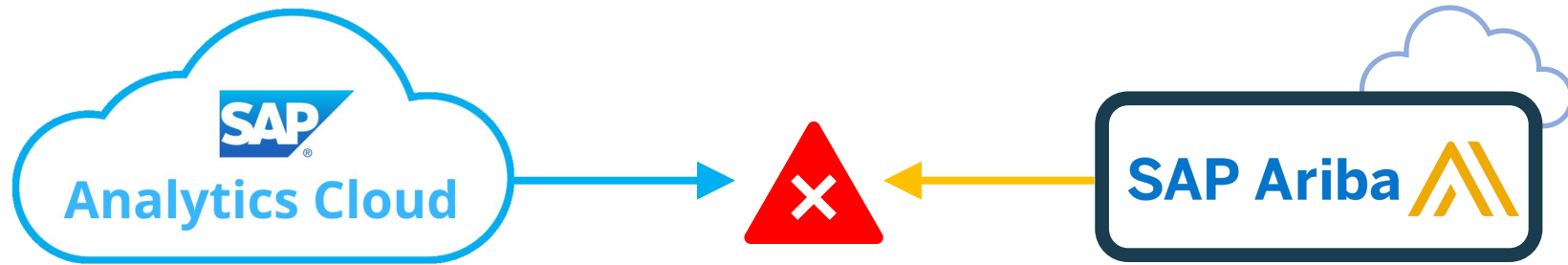
Connectivity to Non-SAP Sources



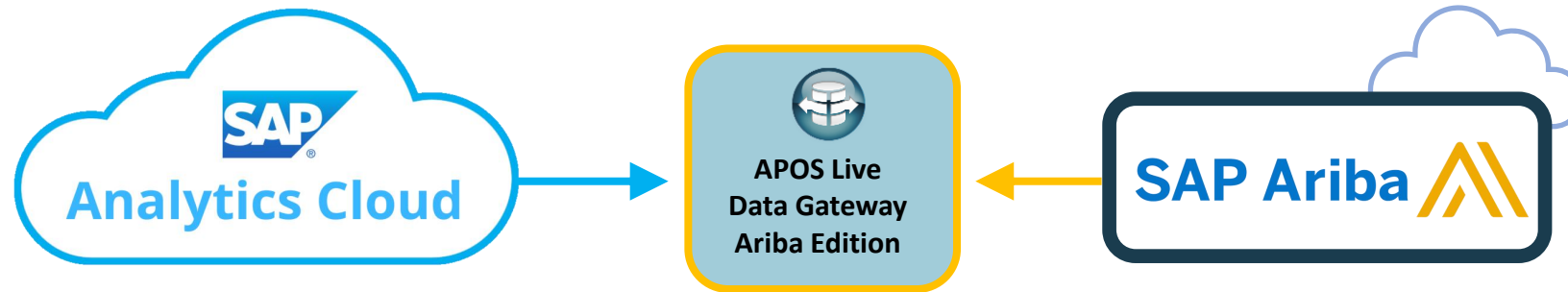
SAP Ariba Analytics



Data Connectivity Challenges



Data Connectivity Solution





ALAN GOLDING
Solution Consulting Manager
APOS



Demonstration

Data Connectivity Challenges



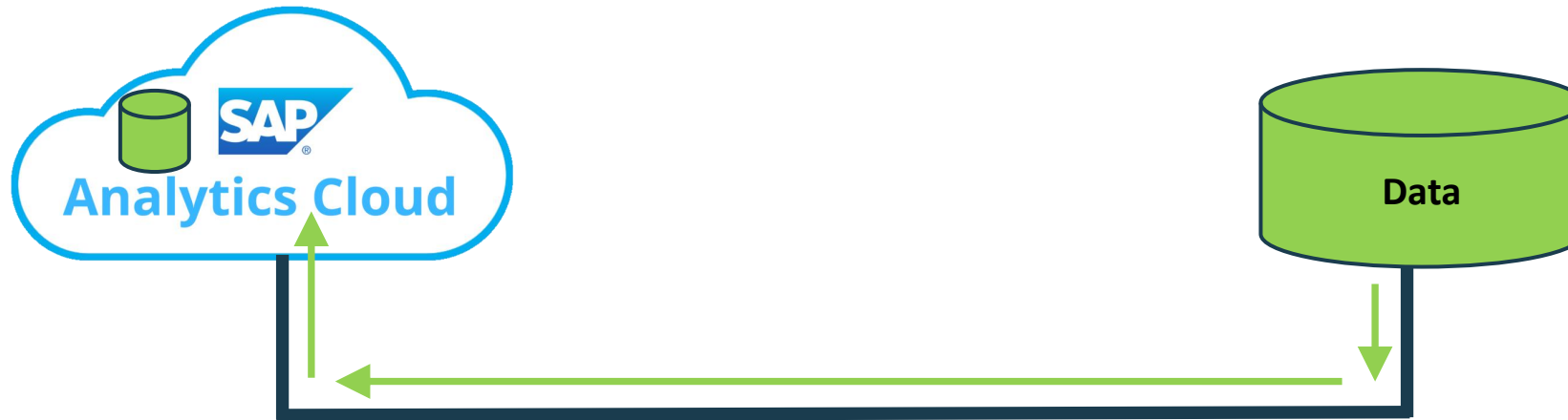
SAC Data Connectivity Options



1. **Import Mode Connection**
2. **Live Mode Connection**

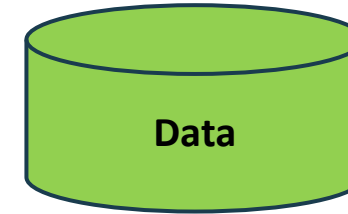
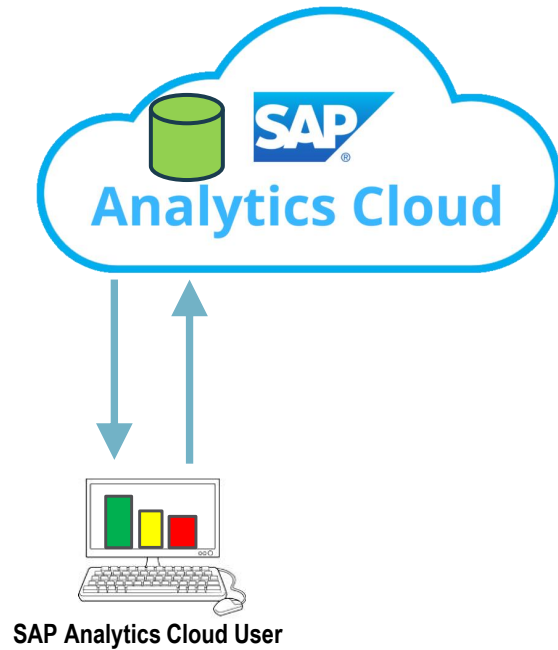


SAC Data Connectivity – Import Mode



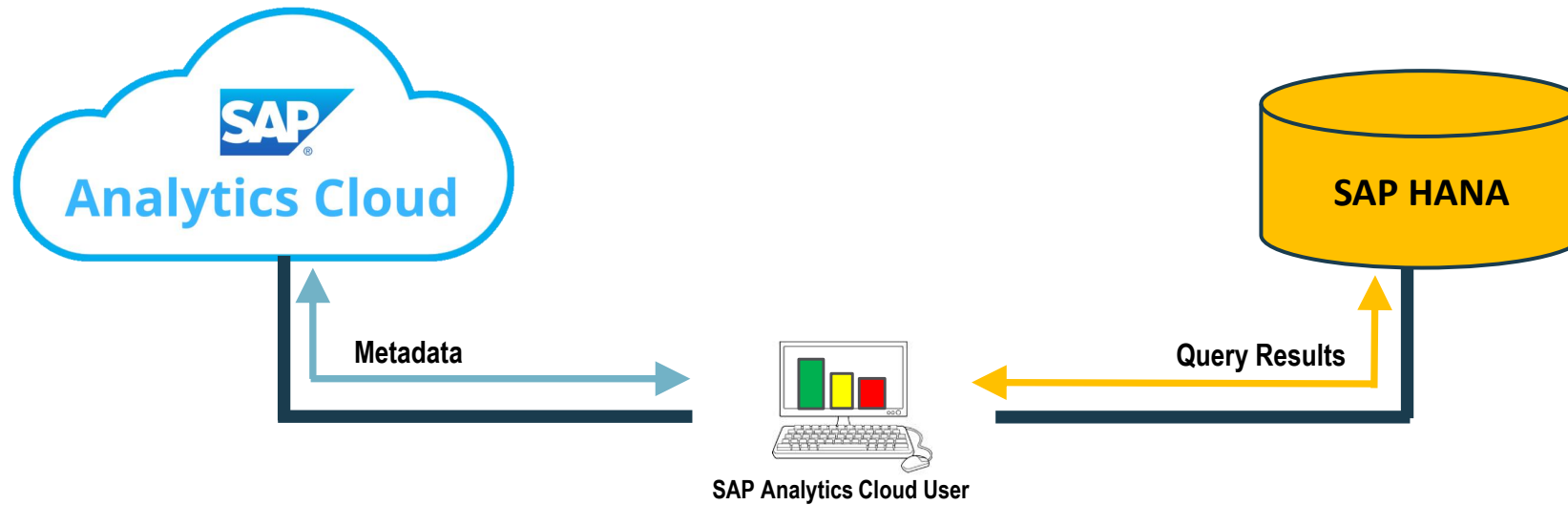
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SAC Data Connectivity – Import Mode



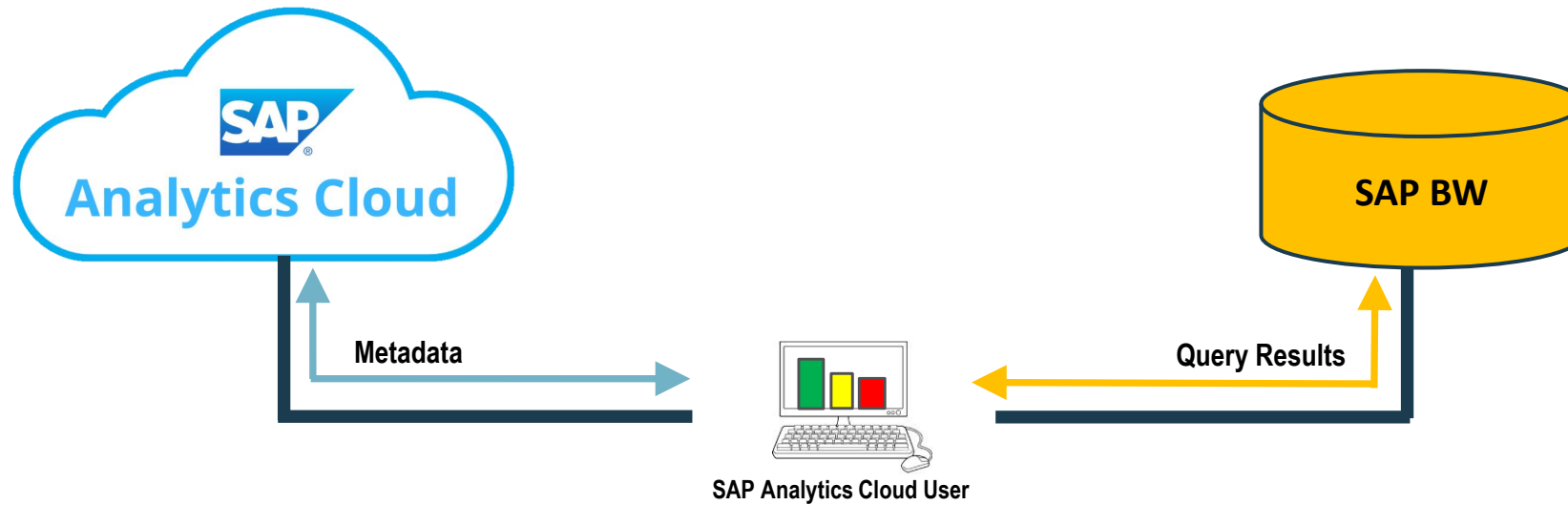
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SAC Data Connectivity – Live Mode



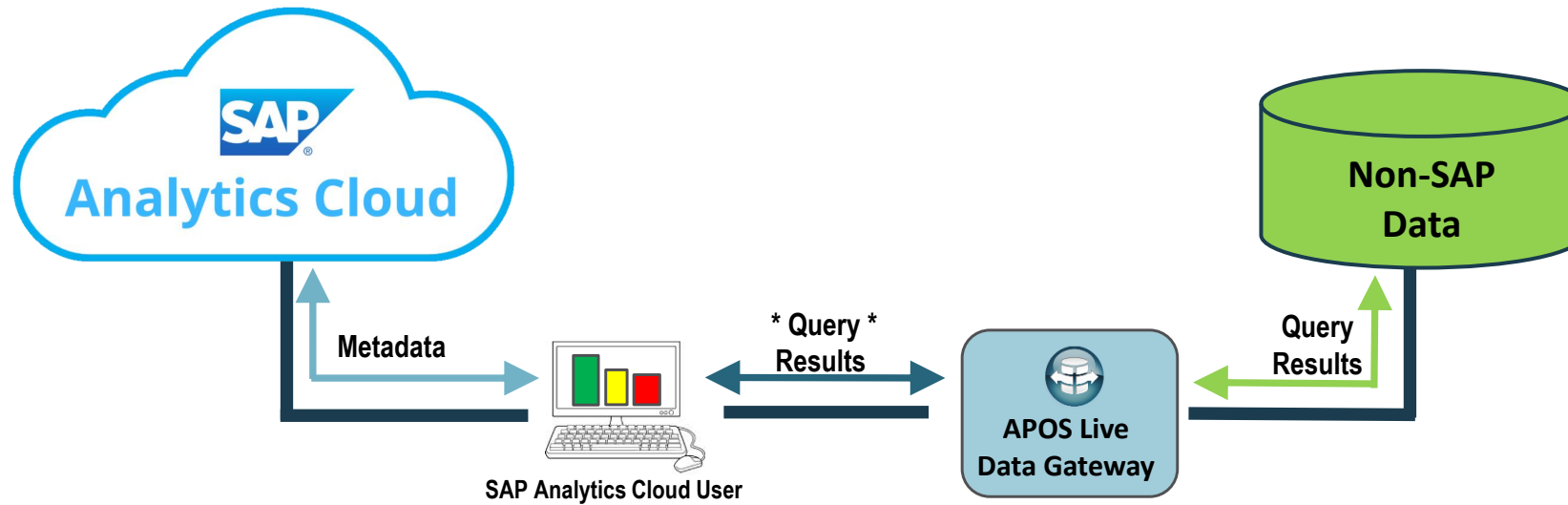
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SAC Data Connectivity – Live Mode



1. Import Mode Connection
- 2. Live Mode Connection**

SAC Data Connectivity – Live Mode



1. Import Mode Connection
- 2. Live Mode Connection**

SAC Data Connectivity for Ariba



1. **Import Mode Connection**
2. **Live Mode Connection**

SAC Data Connectivity for Ariba – Import Mode

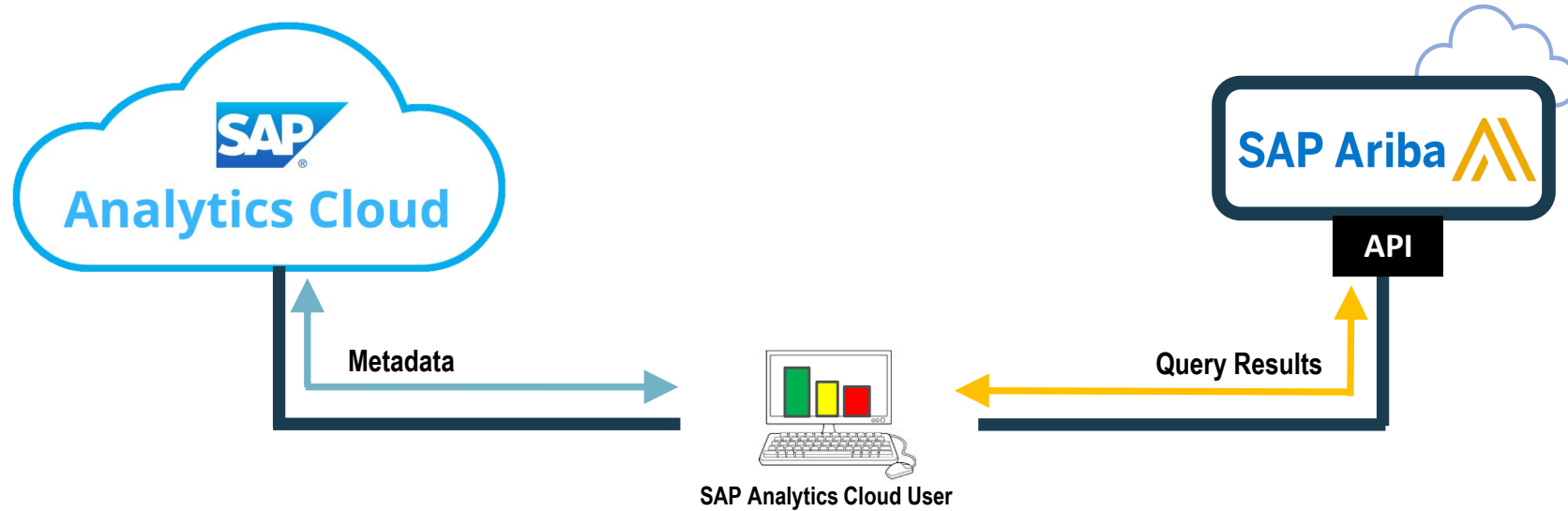


Key Challenge:

- Ariba data must be moved into the SAP Analytics Cloud environment
- Data size limits
- Data latency – Upload restrictions
- Data latency – Ariba API restrictions

1. **Import Mode Connection**
2. Live Mode Connection

SAC Data Connectivity for Ariba – Live Mode

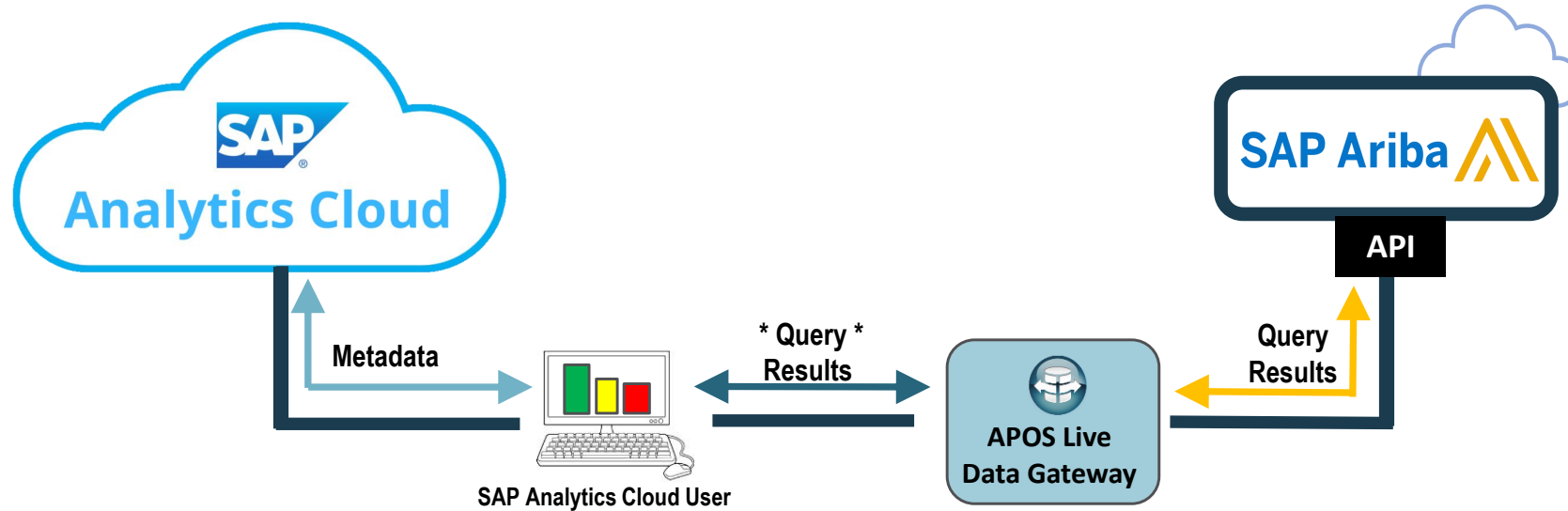


Key Challenge:

- Does not exist

1. Import Mode Connection
2. **Live Mode Connection**

SAC Data Connectivity for Ariba – Live Mode

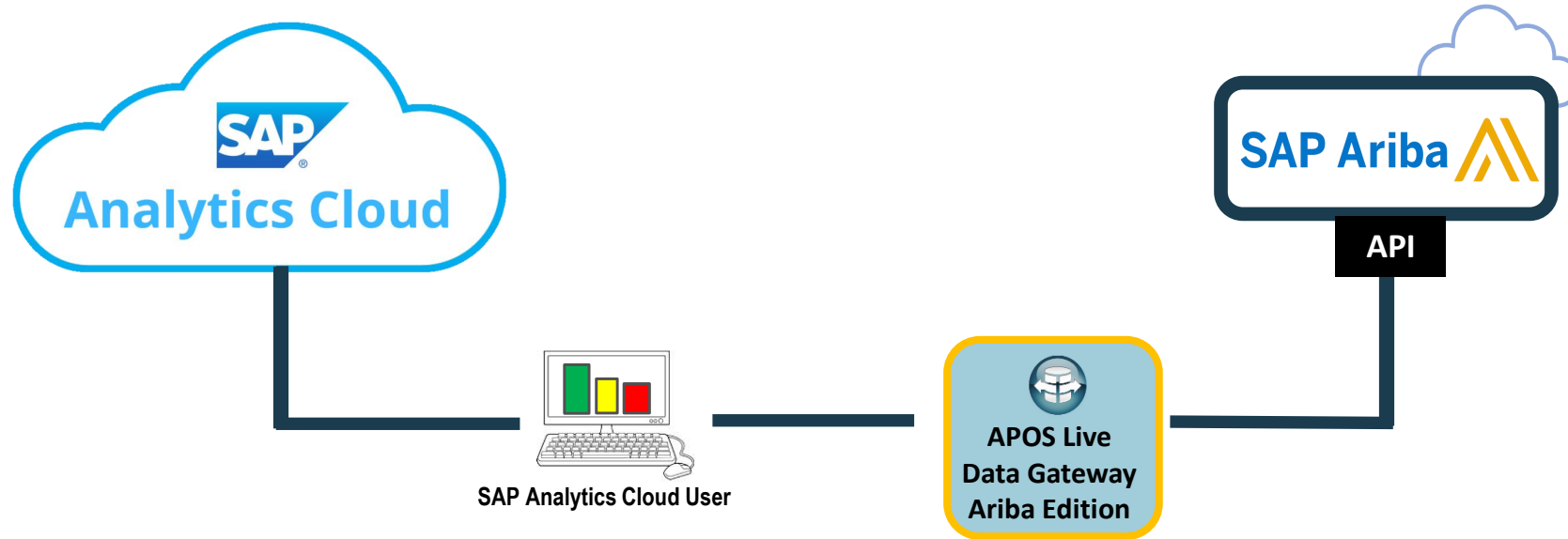


Key Challenge:

- Connectivity to Ariba is accomplished via API
- API connectivity not efficient for frequent & rapid live query processes
- SAC has significant query activity

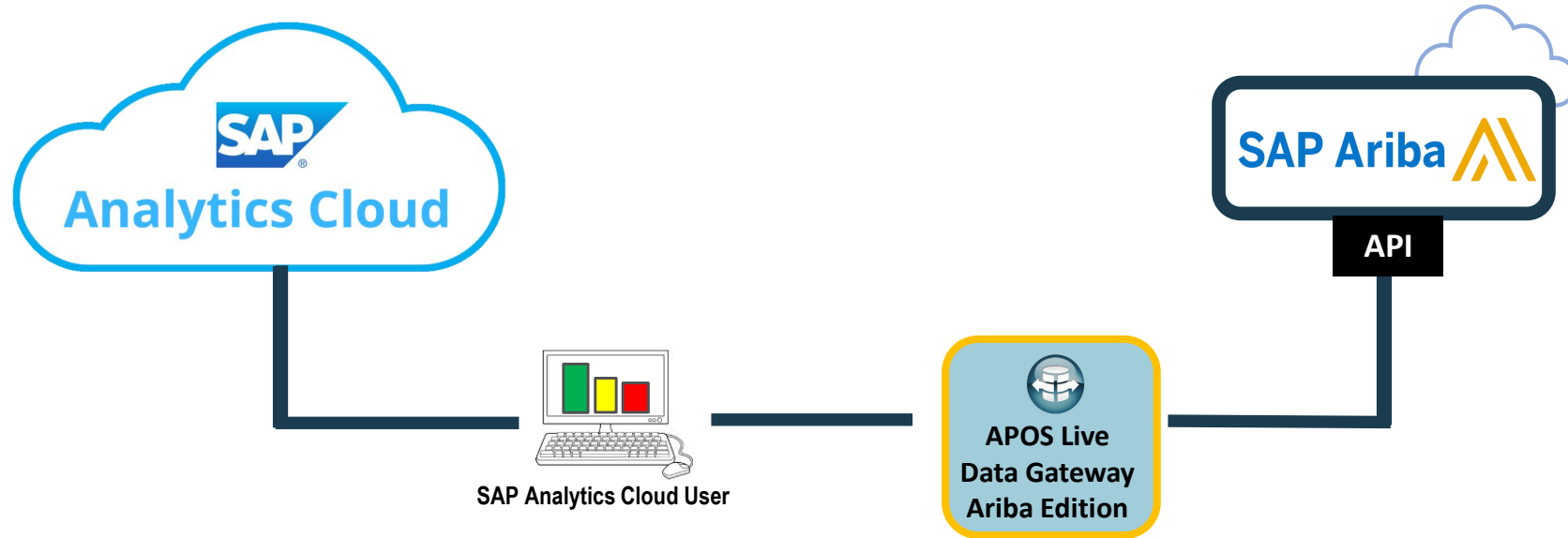
1. Import Mode Connection
2. **Live Mode Connection**

APOS Live Data Gateway – Ariba Edition



1. Import Mode Connection
2. Live Mode Connection
- 3. Live Mode with Caching**

APOS Live Data Gateway – Ariba Edition



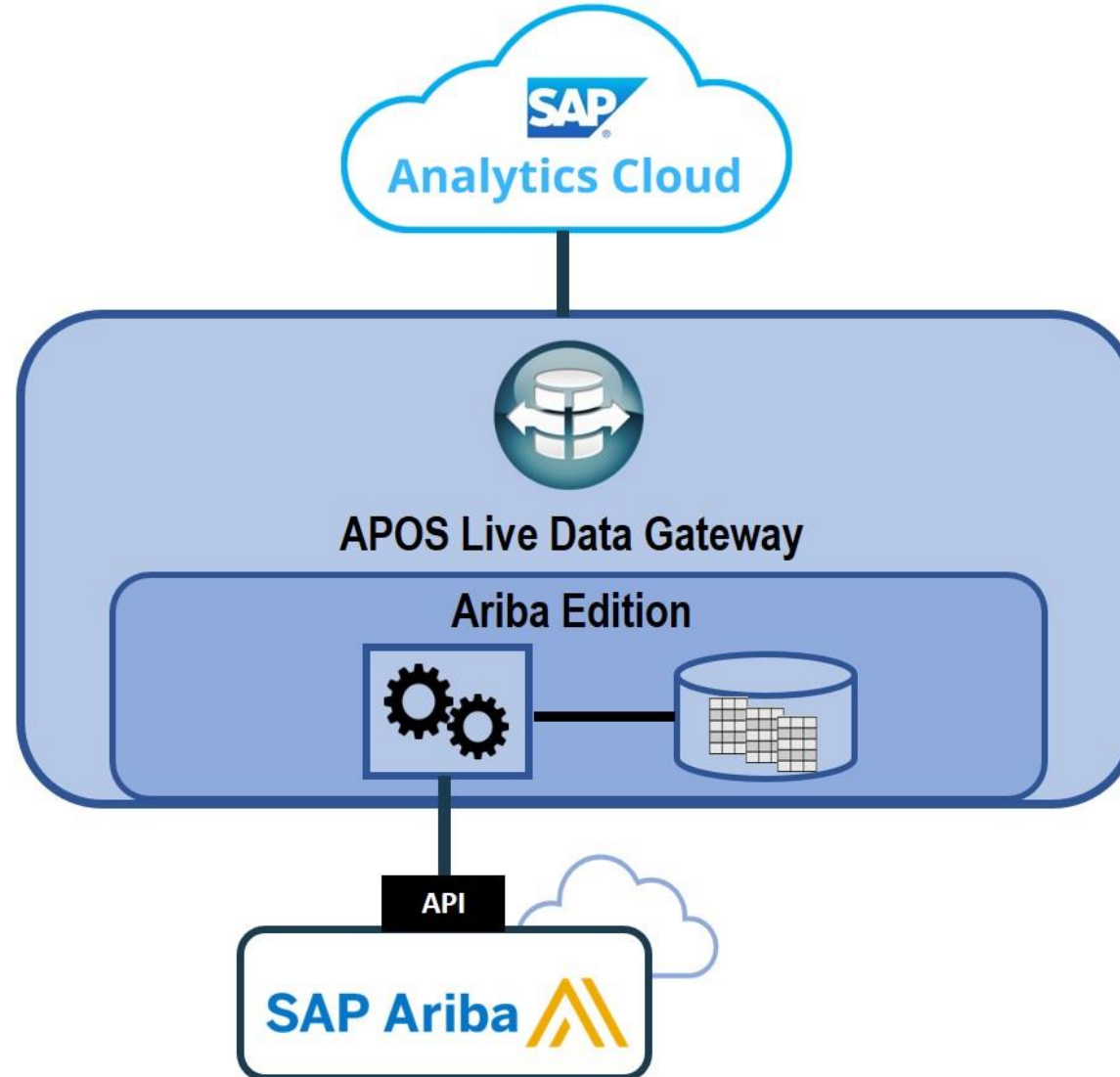
Key Benefit:

- Optimized API extraction of target Ariba data to cache repository
- Constantly refreshed data
- Data prepared and ready to consume

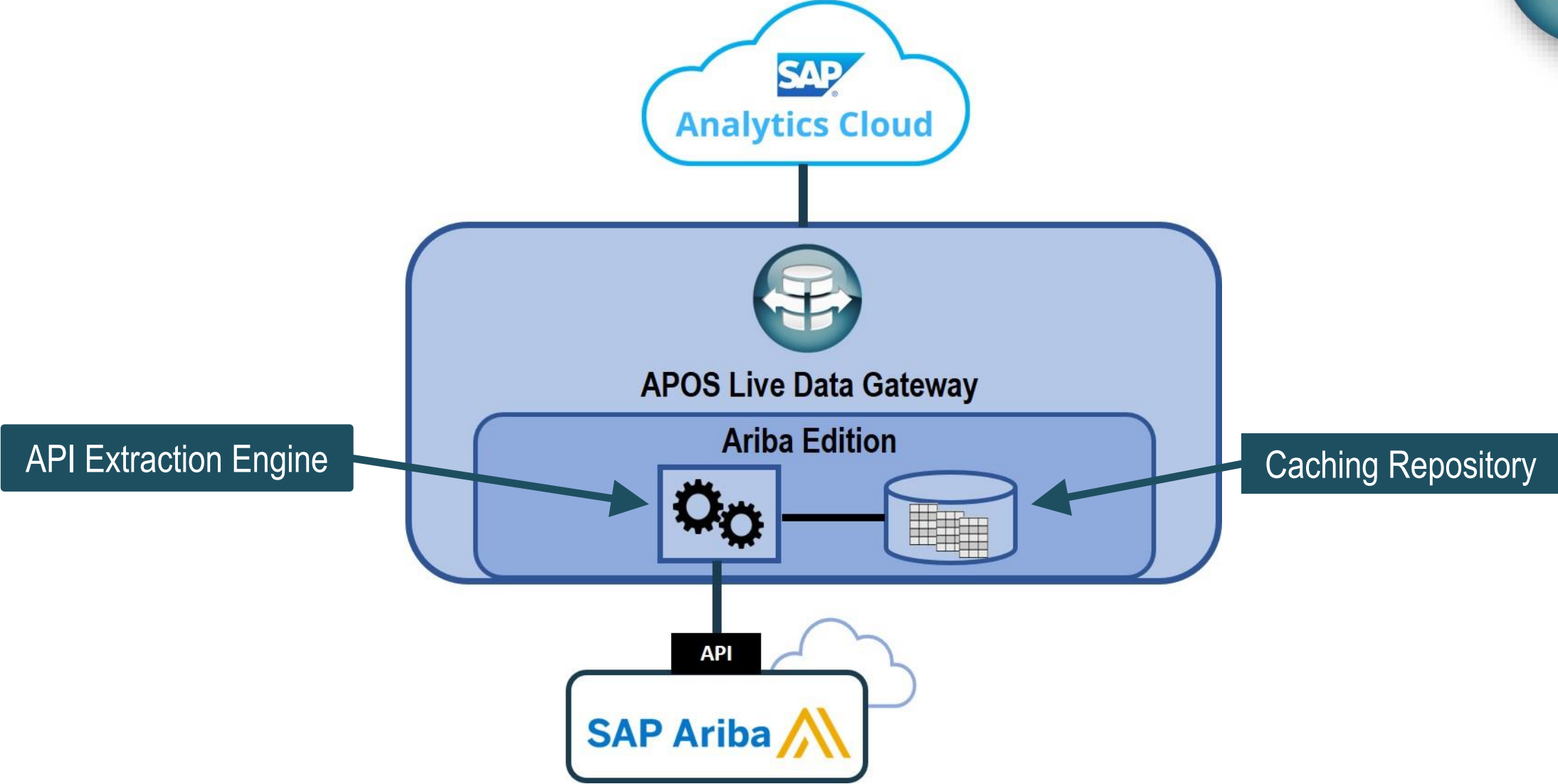
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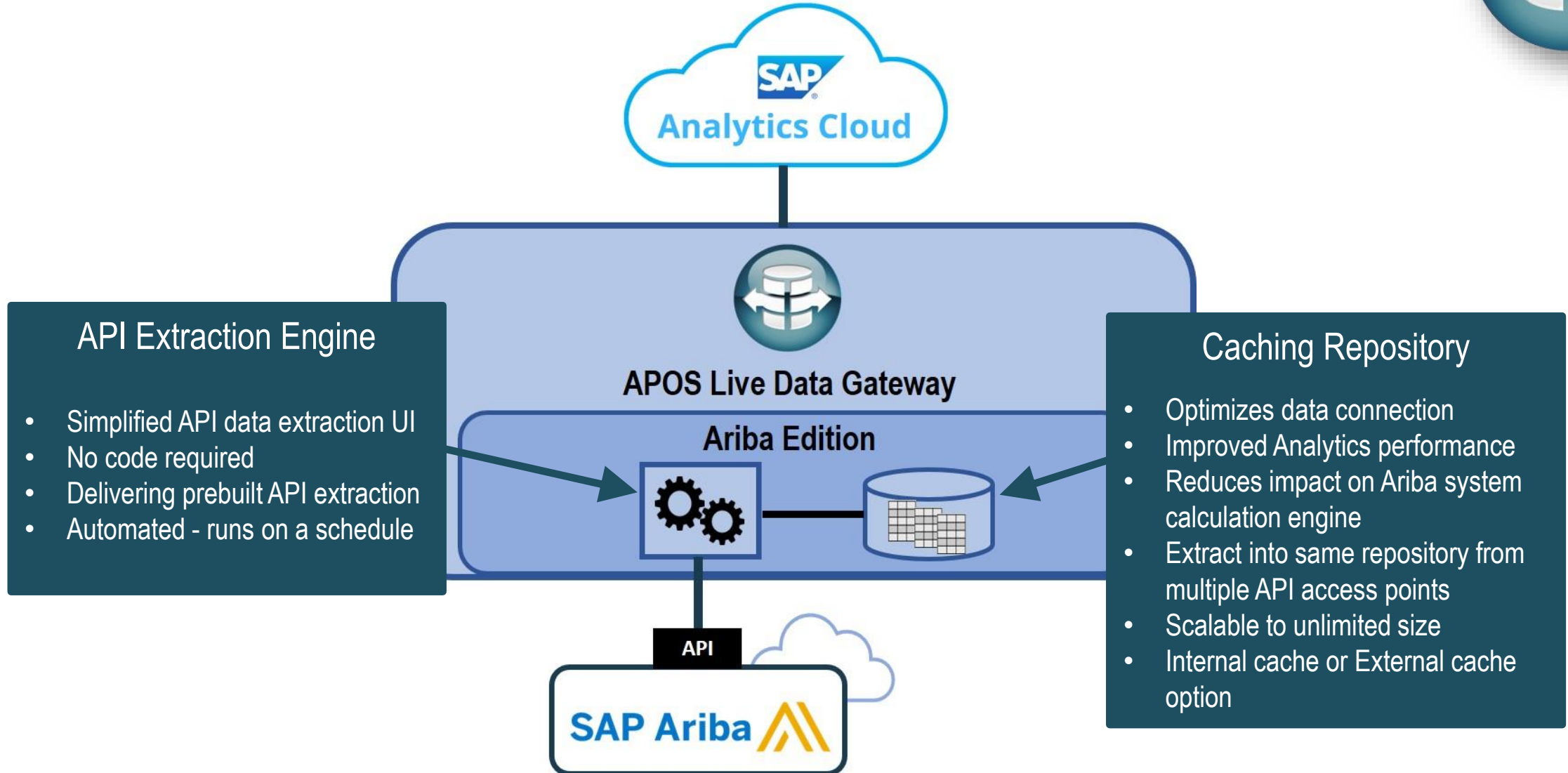
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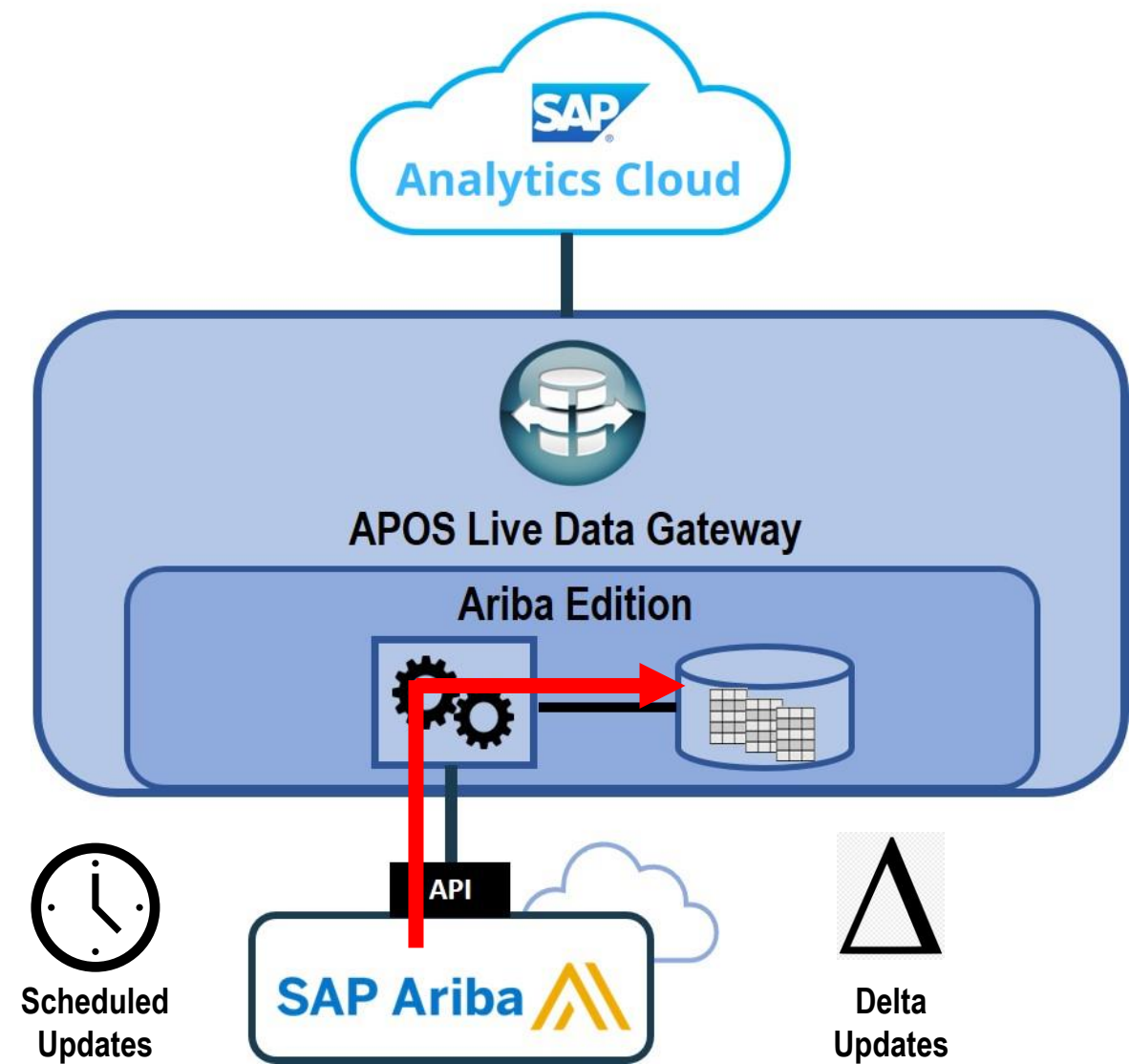
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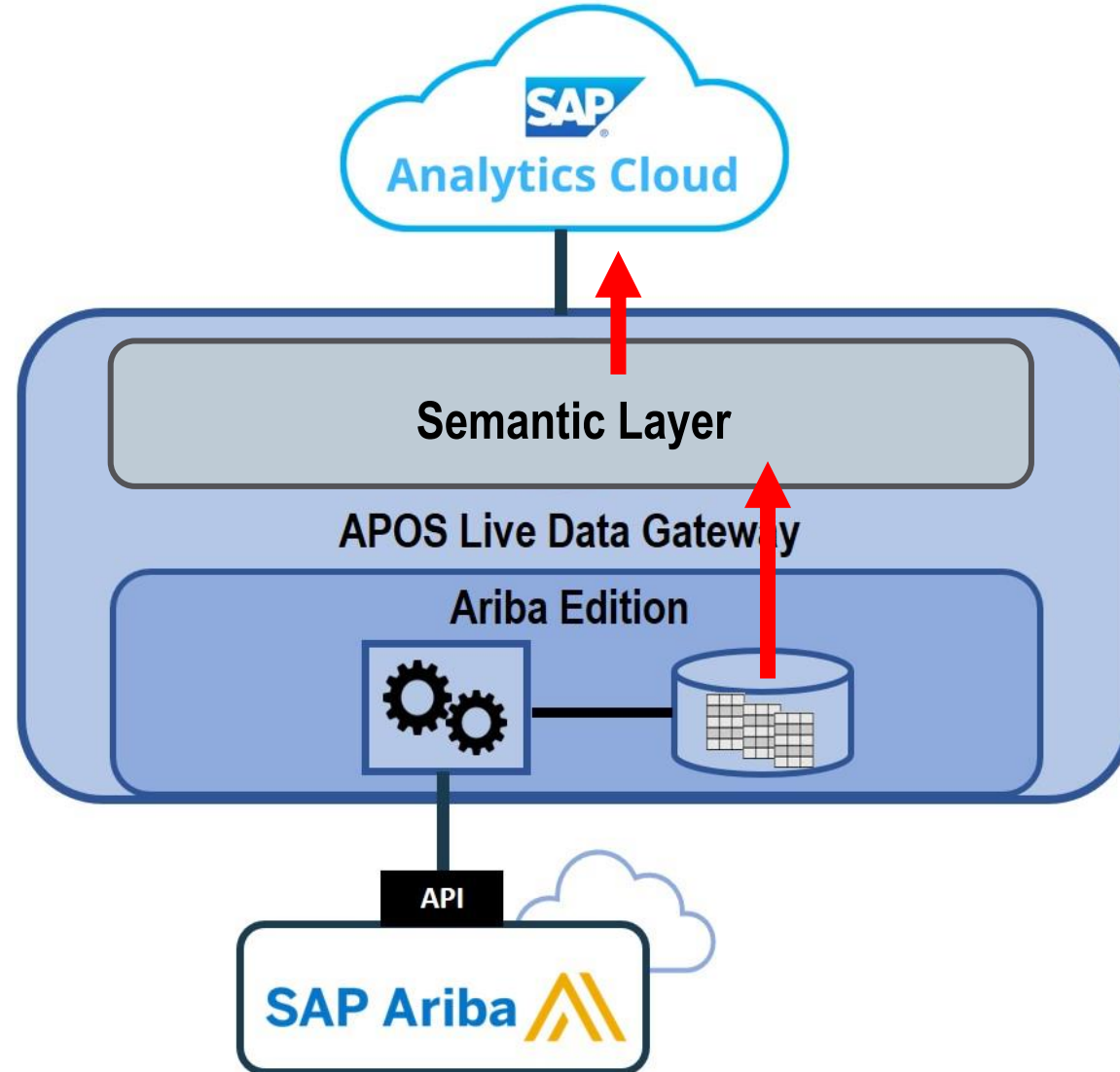


APOS Live Data Gateway – Ariba Edition

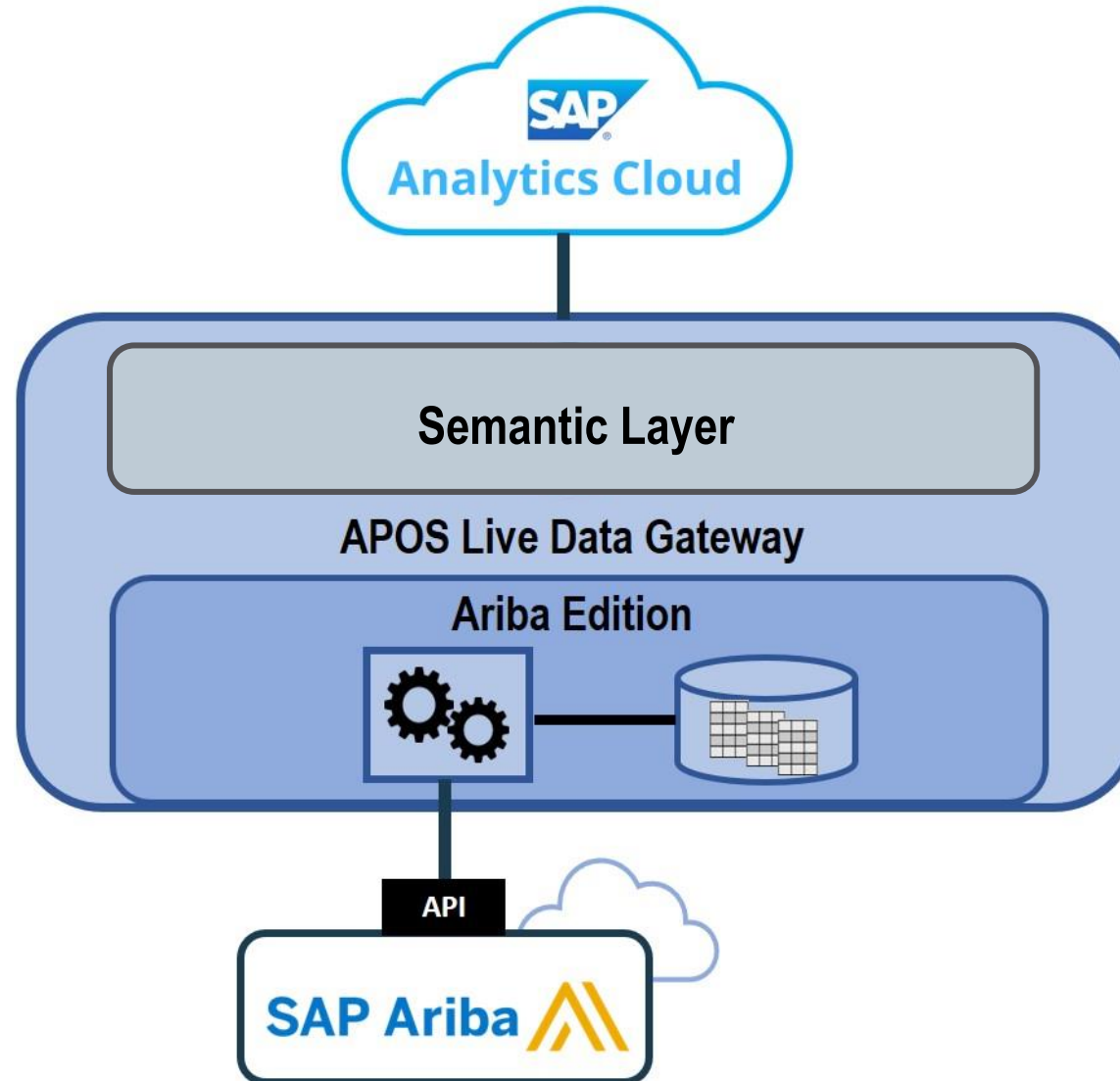


Semantic Layer Key Functions

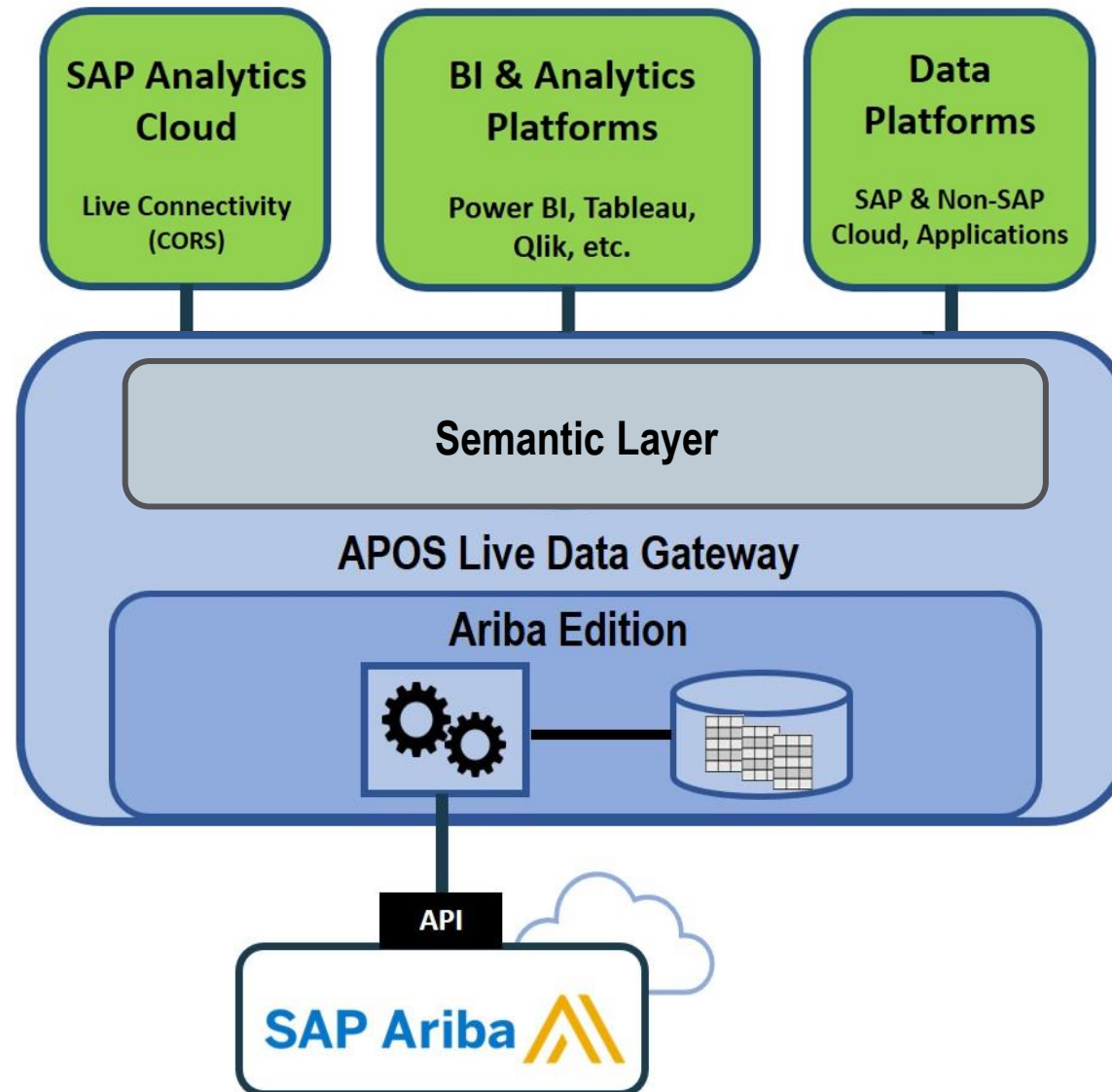
- Business layer to simplify and control data access
- Define Measures and Dimensions
- Define what data fields are exposed
- Manage table links and joins
- Set meaningful field names



APOS Live Data Gateway – Ariba Edition



APOS Live Data Gateway – Ariba Edition



APOS Live Data Gateway – Ariba Edition - Summary



- Expanded Live data connectivity to non-SAP sources for SAC
- Optimized connectivity from SAC to Ariba data
 - SAC generates significant query activity
 - Optimized Ariba API connectivity
 - API Extraction Engine & Caching Repository
 - Prebuilt extractions and no-code process build
- Simplified data navigation via business layer / semantic layer
 - Self-service modelling
- Streamlined Ariba data access
 - Self-service analytics



APOS Live Data Gateway – Ariba Edition



Please enter your questions in Question panel



APOS Solutions for SAP Analytics Cloud



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APOS Solutions for SAP BusinessObjects



APOS Insight

BI System Auditing

- System Inventory
- Security Analysis
- System Usage Analysis
- Report Impact Analysis

BI Report Testing

- Automated Report Testing
- Regression Testing
- Validation of Report Data
- Report Performance Testing

BI System Monitoring

- Advanced System Monitoring
- Operating Environment Monitoring
- Database Monitoring
- Process Monitoring

BI Query Surveillance

- Real-time BI Query Monitoring
- Query Performance Alerting & Auditing
- Query Intervention; Remote Cancelling
- Sensitive Data Audit



APOS Administrator

Object Management

- Bulk Security Management
- Bulk Settings Management
- System Objects Promotion
- Connections Maintenance

Schedule Management

- High-volume schedule management
- Multiple schedule properties editing
- Grid scheduling interface
- Repeatable scheduling templates

Instance Management

- Manage entire instance inventory
- Granular instance search
- Stop, pause, release, reschedule
- Rapid recovery to failed schedules

Web Intelligence Migration

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

APOS Storage Center



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

APOS Publisher

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



Upcoming Webinars



- SAP BI Performance and Performance Analysis
- Addressing the BEx Broadcaster Need in SAC
- Real-time BI Usage Analysis
- Live data access to SAP and non-SAP data sources
- Automated BI Report Testing
- SAP BusinessObjects, Private Cloud Edition Overview
- BI Query Management and Governance
- BI Impact Analysis



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QUESTIONS

Please enter your questions in the Q&A panel.



Thank You!

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