

# Integrate SAP with Snowflake

leveraging SNP Glue

EXPLORE  
NEW  
HORIZONS

# Team



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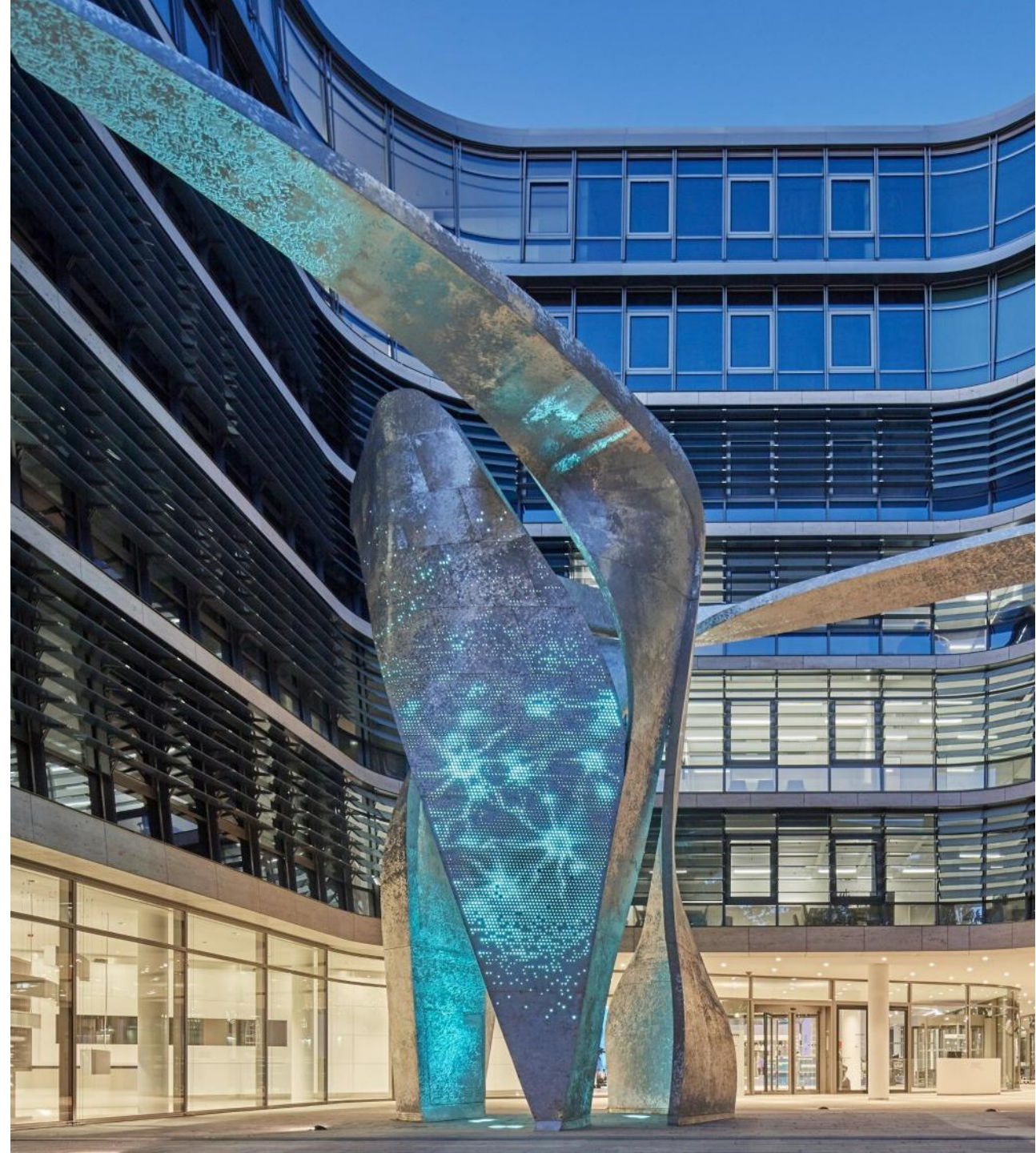
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## SNP Glue | SIEMENS

The largest industrial manufacturer in Europe uses SNP Glue to ingest real time data into its central data platform because no other vendor could meet all its requirements.



## Selection criterias



228TB

of data

40-60

Snowflake warehouses

40k

tables in replication

700

projects

1-30min

latency

12k

daily tables changes

1500

developers

1.7bn

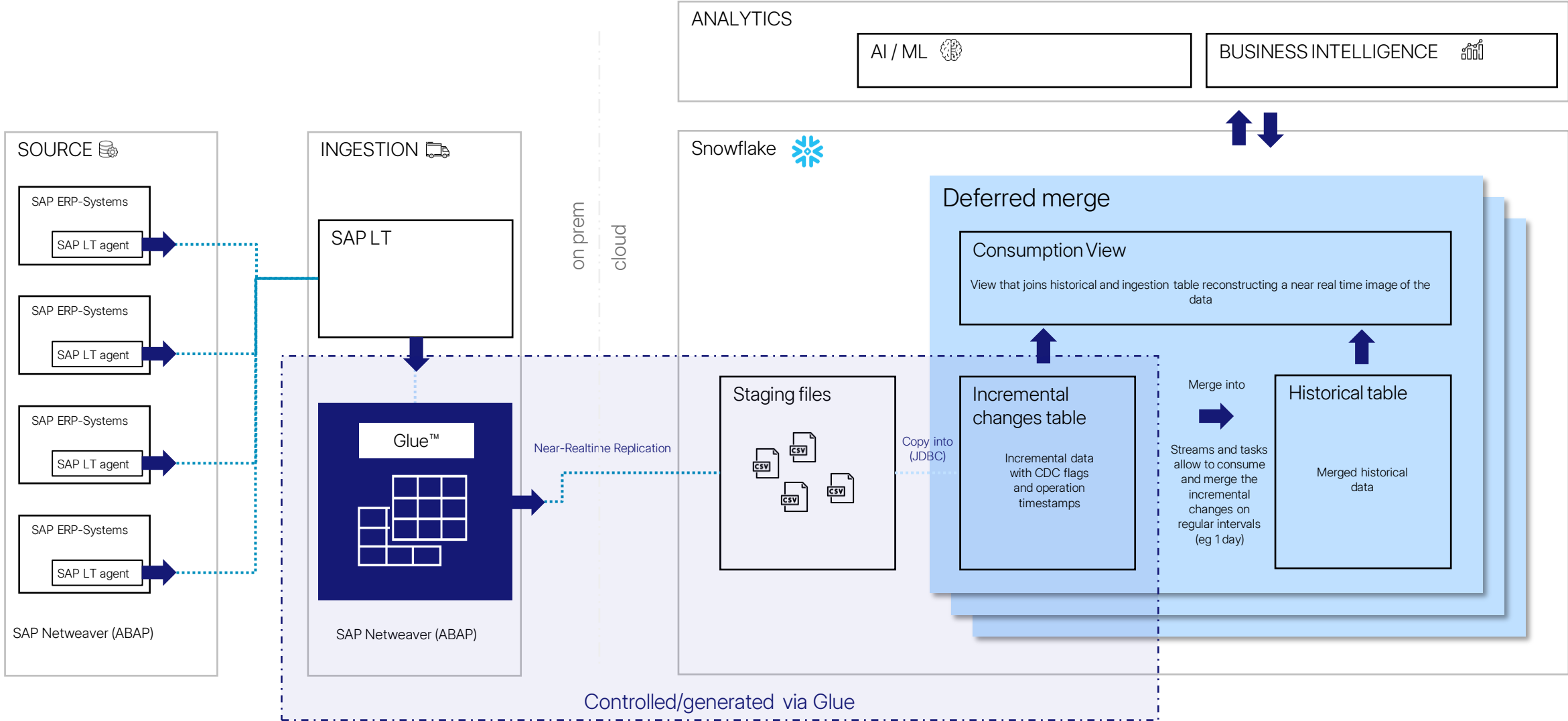
daily record changes

55

systems connected  
(R/3, S4, BW)

# Integration architecture

on Snowflake



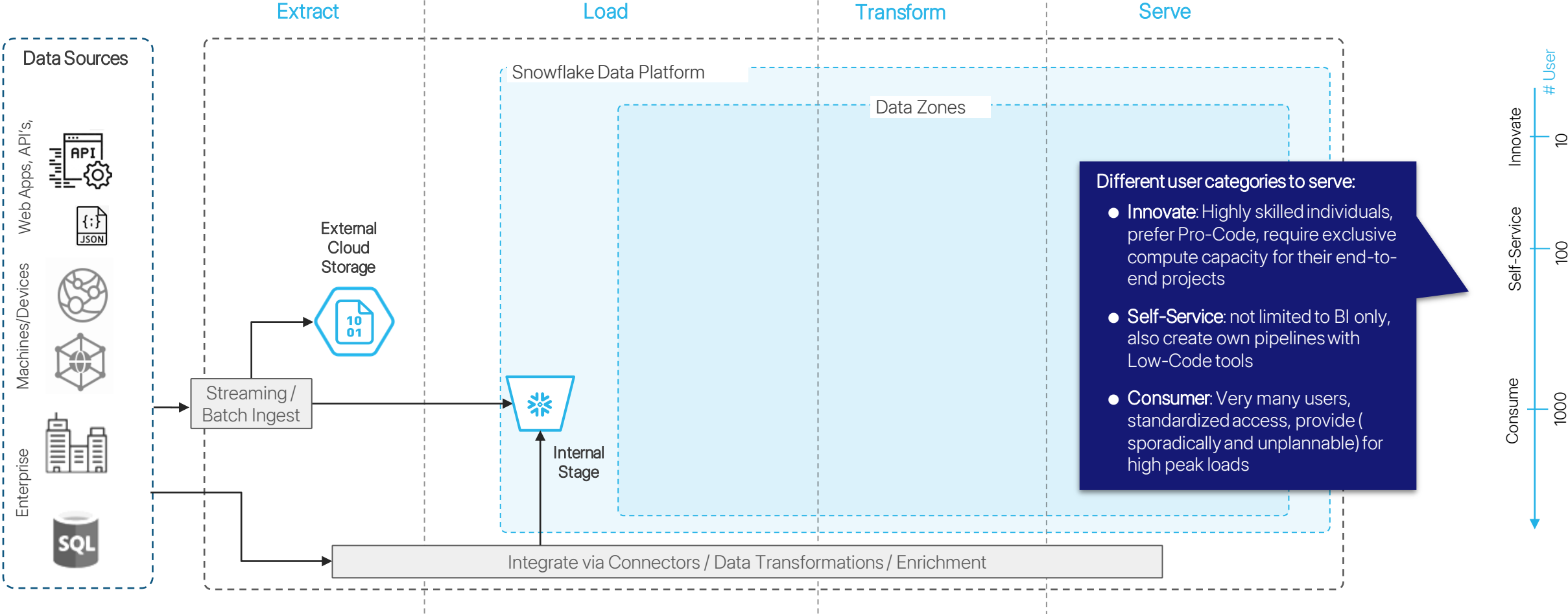


# Snowflake

- Cloud-native, fully Managed Service
- Elastic, Scalable, Pay-as-you-use
- Proven Data Lake Capabilities
- Modern Enterprise Data Warehouse
- Programmable: SQL, Python, Java,...
- Full Support of Data Science Lifecycle
- High Available & Secure by Design
- Connected: Multi-Cloud, Multi-Region

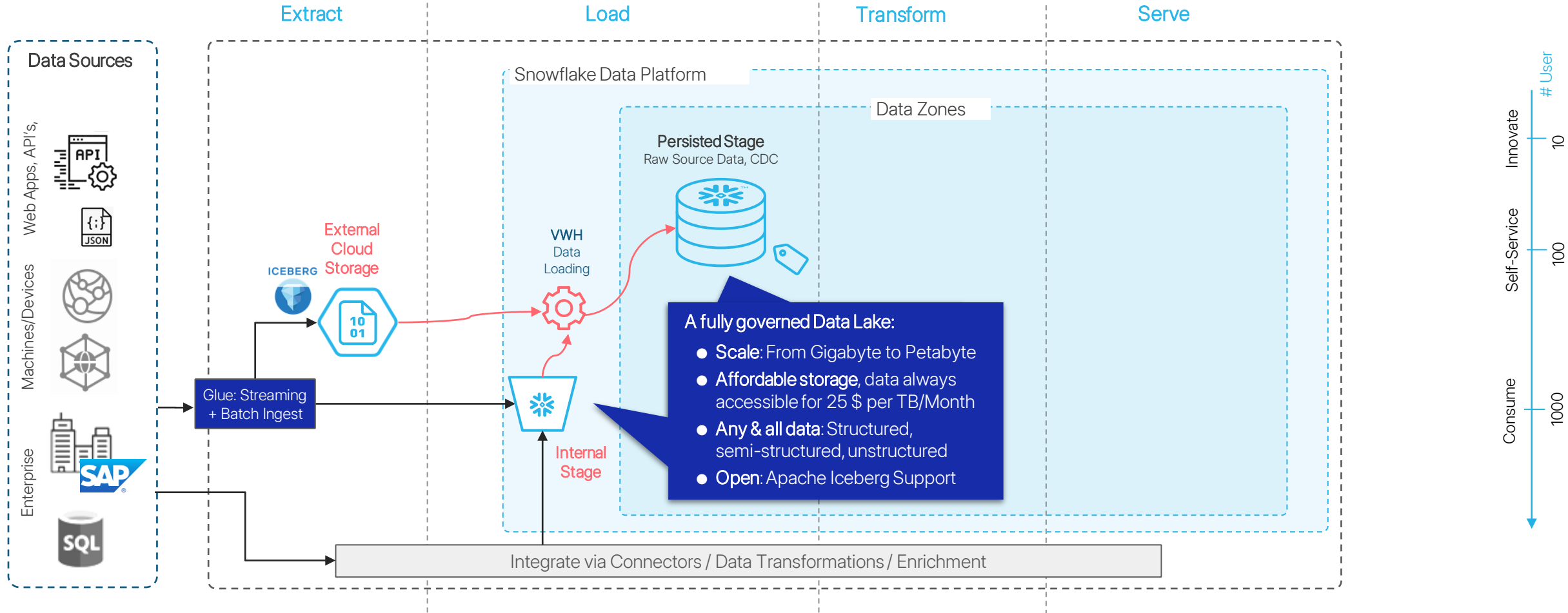
# SNOWFLAKE DATA PLATFORM

A fully managed Service: True Cloud-native, elastic, and easy to use



# PROVEN DATA LAKE CAPABILITIES

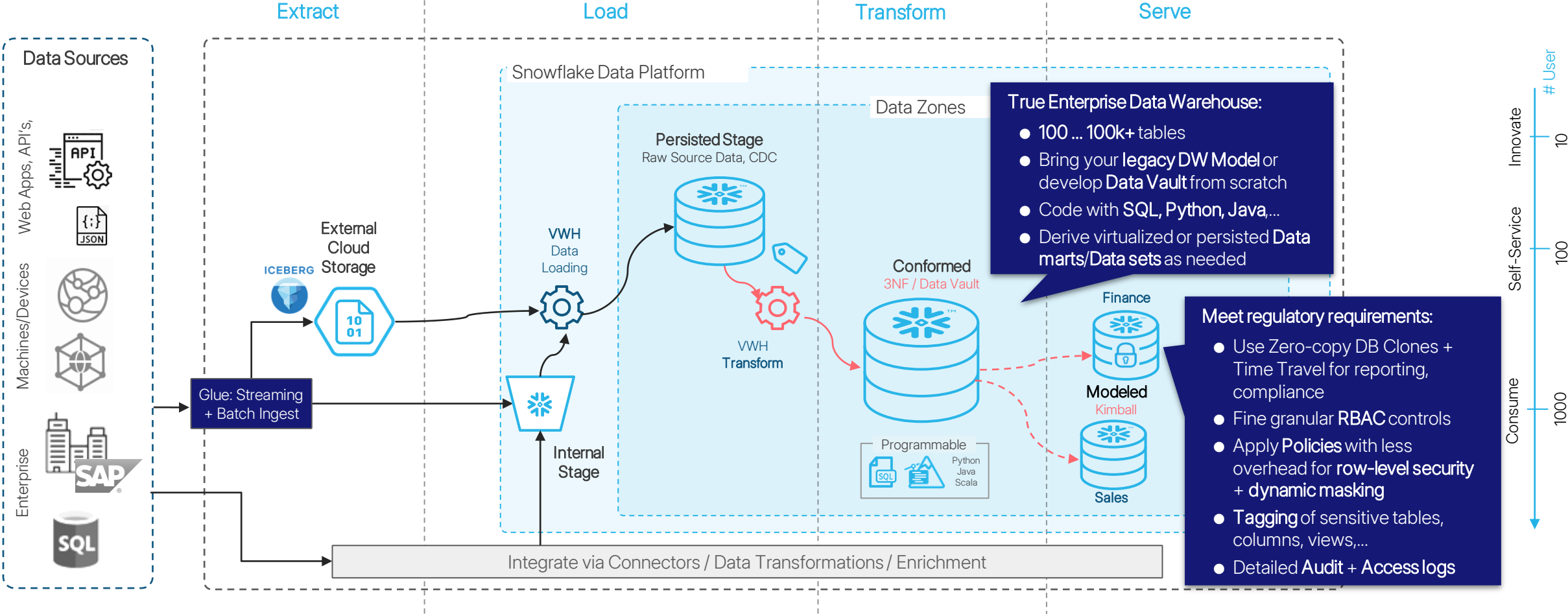
## Eliminate Data Silos, Activate Big Data & Fast Data for all Users





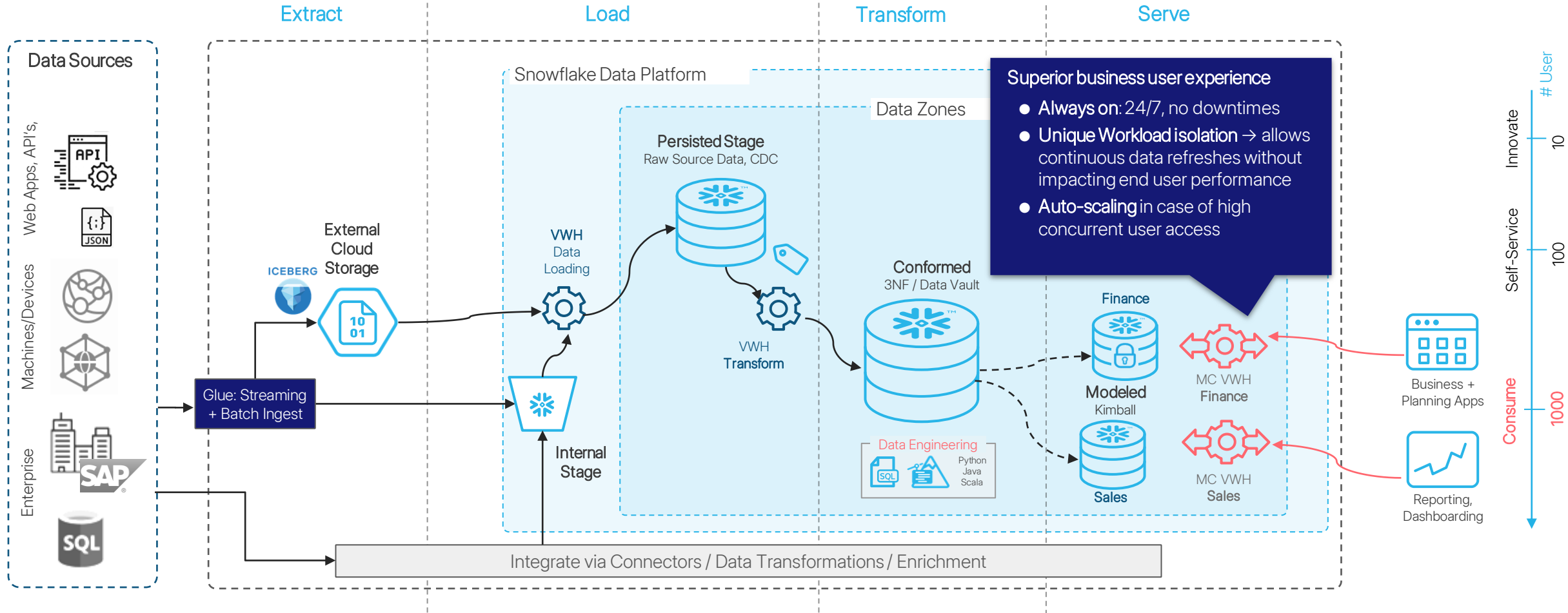
# A MODERN & SCALABLE DATA WAREHOUSE

Flexible Data Modeling, Fast Pipelines, Reliable Data Quality



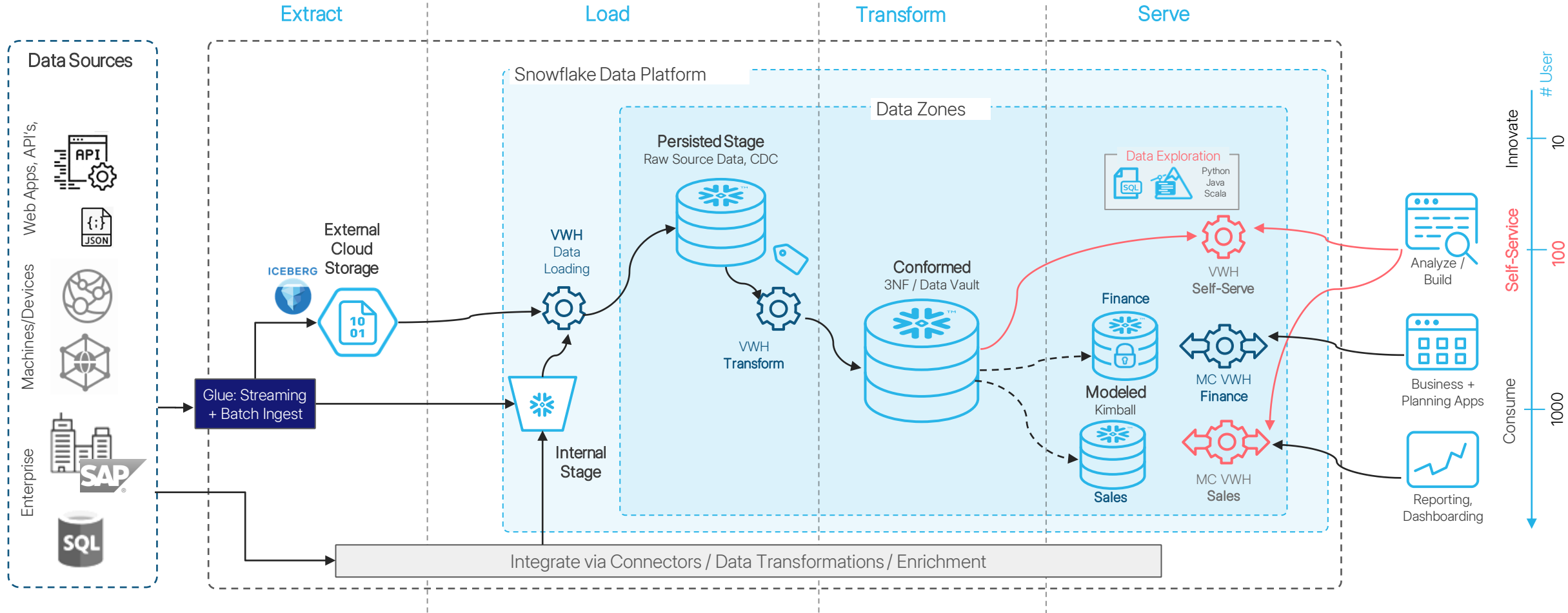
# SERVE >1000 BUSINESS USERS SIMULTANEOUSLY

Meet Performance SLA's - even during unplanned Events



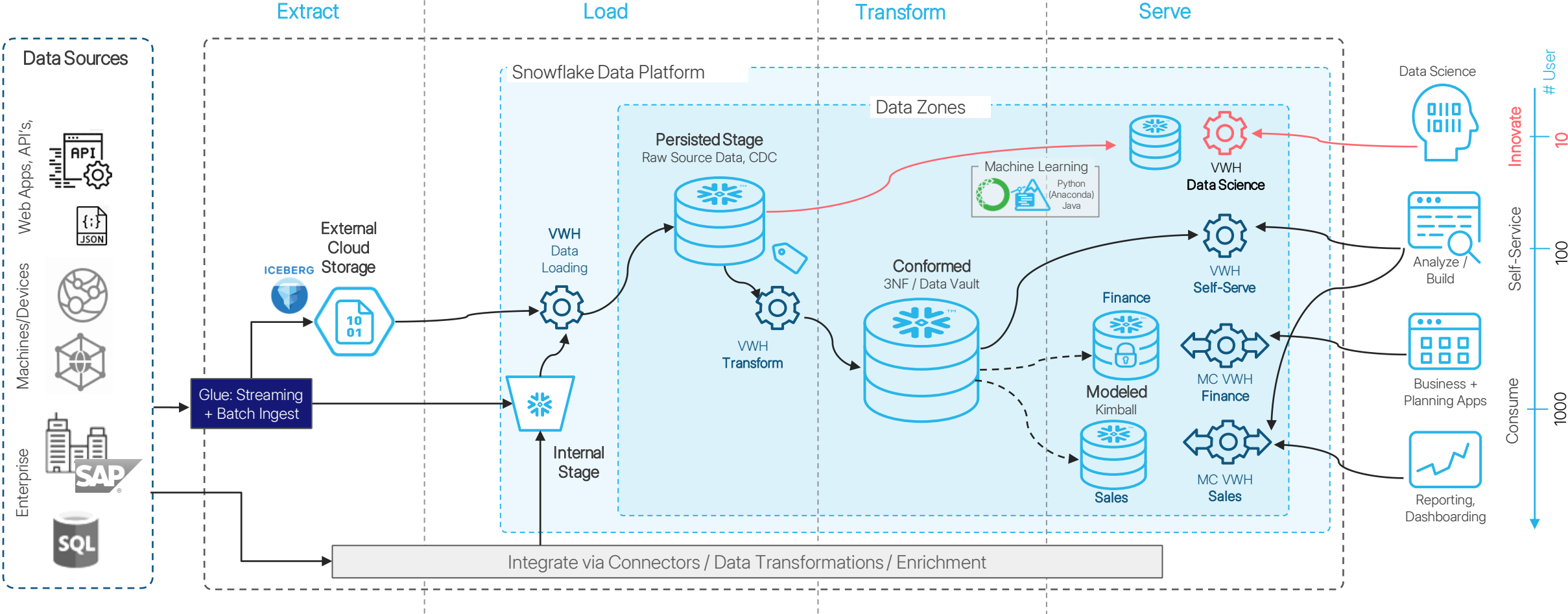
# TRUE SELF-SERVICE

Fact-based Decisions at Scale, use Tools & Programming Languages of Choice



# AUTONOMOUS DATA EXPERIMENTS

## Full Support of the entire Data Science Lifecycle



# SNOWFLAKE'S SECRET SAUCE

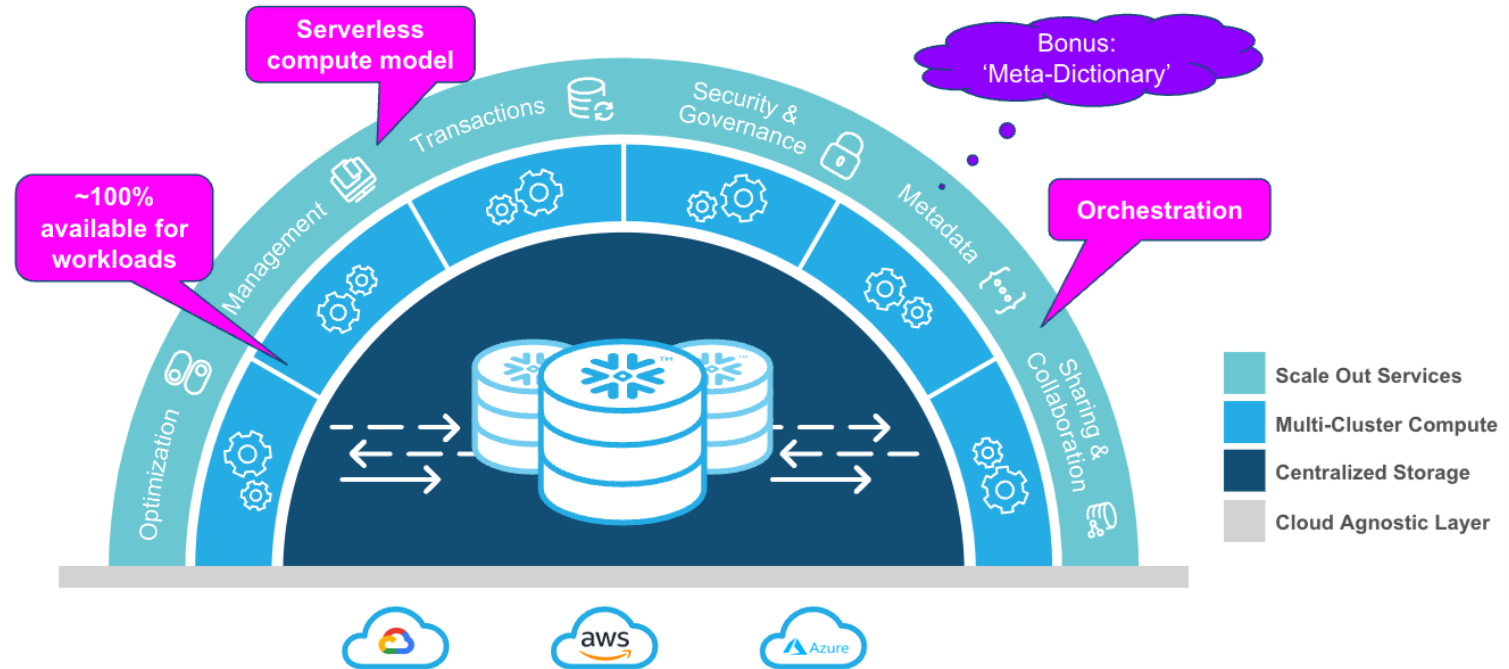
## Multi-Cluster-Shared-Data-Architecture

### ➤ Meets Enterprise Requirements

- **HA by Design:** Storage and Compute layers are already distributed across 3 Availability Zones
- **Always on (24/7):** users experience no downtime or disruption of service
- **Continuous innovation,** monthly releases

### ➤ Obsolete because of Snowflake SaaS:

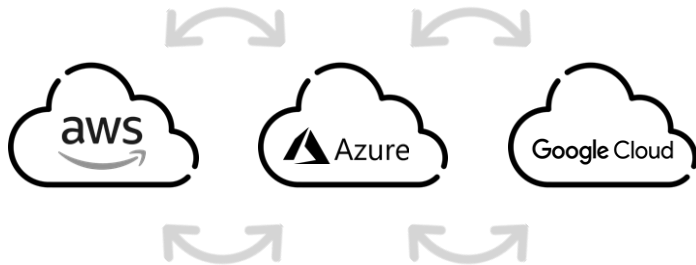
- **Infrastructure:** no planning, buying, provisioning/setup of new Hardware
- **System optimization** (Tuning/Indexing, Vacuuming) because of Snowflake architecture and continuous innovation
- **Manual backups:** because of built-in redundancy, Snowflake features (Cloning, TimeTravel)



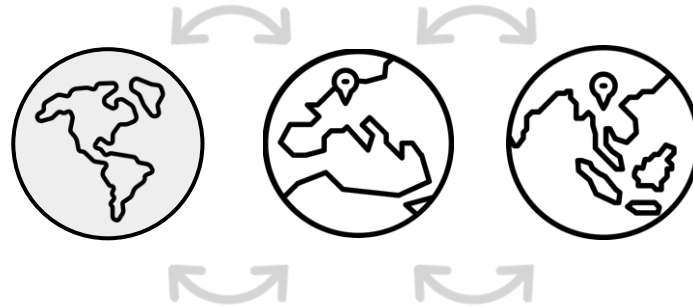
# SNOWGRID

Unique Capability enabling a Global Data Mesh\* ] & User-friendly Collaboration

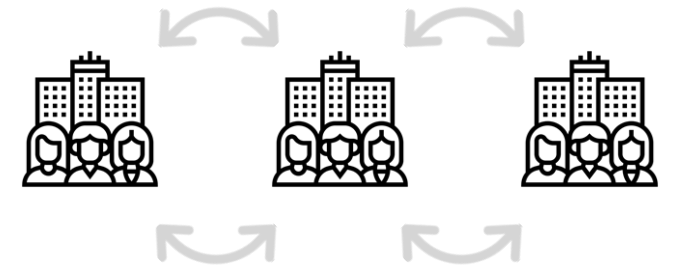
Cloud-to-cloud



Region-to-region



Organization-to-organization



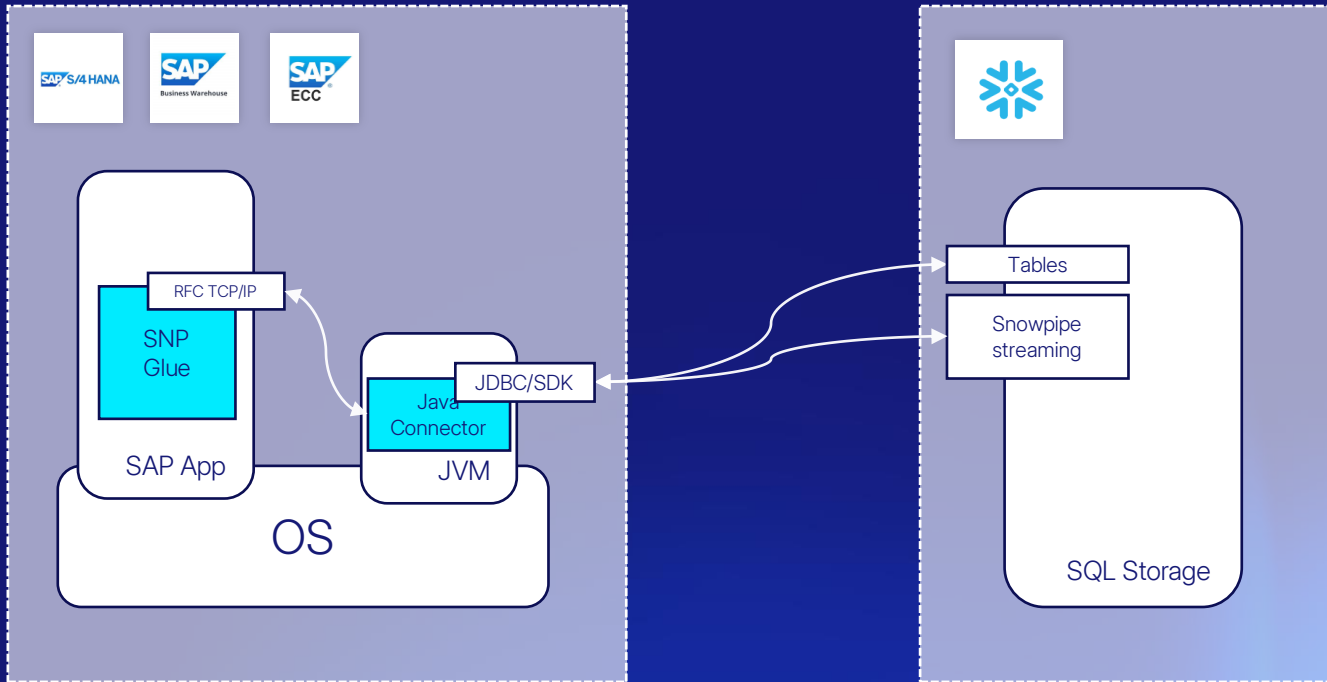
## BENEFITS

Collaborate Across  
Cloud

Lower Risk & Allow  
Flexibility

Ensure Global  
Business Continuity

Securely share data,  
without ETL

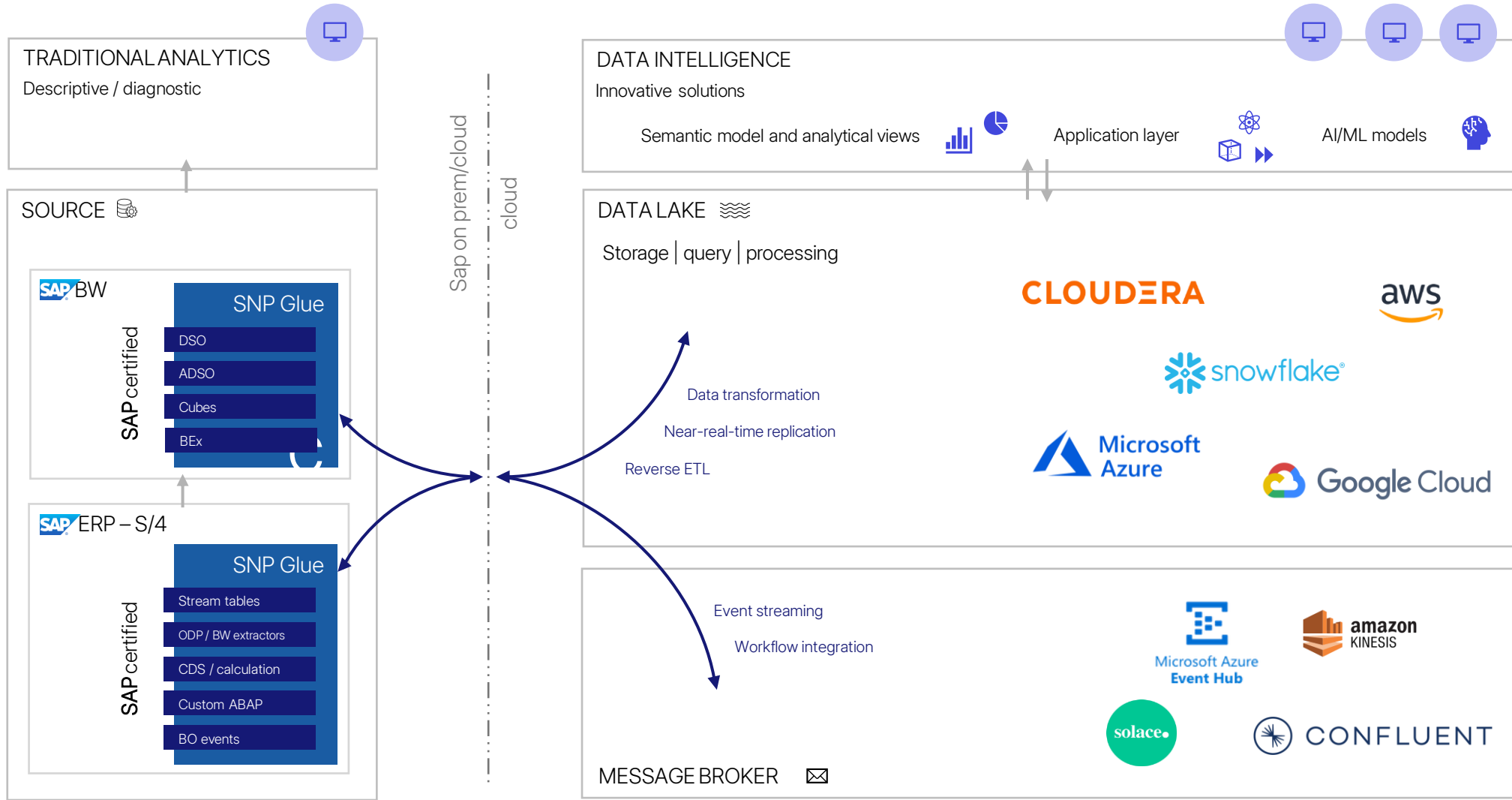


## Integration Details

- Jour fixe with Snowflake team
- Credit consumption optimized ingestion
- New Snowpipe streaming connector GA in August
- Additional functionalities and exclusive features will be soon announced

# Enterprise landscape

## SAP Integration in the Enterprise Data Platform





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