# OKERA | snowflake

Simplify Data Access Control for Snowflake

Maximize the Value of the Data Cloud and protect regulated, sensitive, and personal data.

Okera natively integrates with Snowflake in a way that eliminates the compromises, complexities, and sluggishness associated with other approaches to data access governance in Snowflake. Data teams can deliver business value faster and more confidently, while data security and privacy teams can validate the appropriate security mandates and data privacy regulations are implemented as intended.

Designed to remove technical complexity while still delivering exceptional data security performance, the solution gives all data stakeholders the opportunity to collaboratively build dynamic data privacy and security policies, automatically enforce those policies, and continuously monitor access to sensitive data.
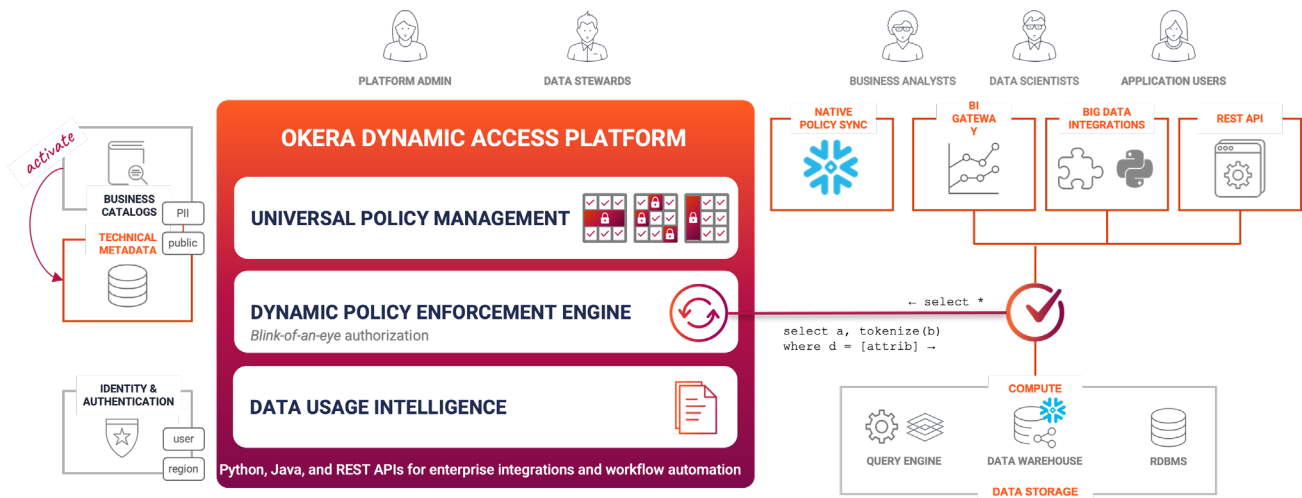
Analysts and data scientists can continue to use Snowflake Worksheets, as well as their preferred third-party BI and data science tools. There is no need to change existing query definitions, dashboards, or reports. Fine-grained access control policies, leveraging data and user attributes, are authored in Okera and then synchronized to Snowflake. Apply row-level filtering and advanced data security and privacy functions such as tokenization and masking at the point of query.

> *"By centralizing our real-time analytics on Snowflake and our data governance with Okera, we have slashed the number of roles we need to manage while simultaneously refining the granularity of our access policies, providing effectively unique access to each end-user. This is translating directly into better control of our data and increased productivity."*

**SOLUTION ARCHITECT, SEMICONDUCTOR MANUFACTURING COMPANY**

CONTROL

Dynamically apply user-appropriate row-level filters, data masking, and de-identification techniques at the point of query to comply with data privacy regulations and security mandates.

CENTRALIZATION

All data access policies can be managed and enforced in one place, instead of synchronizing data access controls across disparate end-user BI tools and Snowflake.
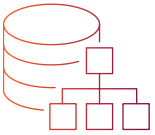
SIMPLICITY

Define user entitlements as human-readable data governance policies. Leverage user attribute data from external systems to build access policies and eliminate unmanageable view explosion and role bloat.
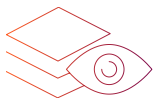
VISIBILITY

All data access requests are automatically logged for every individual user, down to the exact query, timestamp, access method, data attributes including sensitivity level, and whether requests are approved or denied.

ABOUT OKERA

Okera provides the first universal data authorization platform which empowers companies to accelerate business agility, minimize data security risks and demonstrate regulatory compliance. The Okera Dynamic Access Platform automatically authorizes and audits all data requests, dynamically enforcing data security and compliance policies across all data platforms in hybrid and multi-cloud environments. Okera can be deployed into production in days, adapts to any common data authorization framework, and seamlessly integrates into existing data governance ecosystems.

The company is headquartered in San Francisco and backed by Bessemer Venture Partners, ClearSky Security, and Felicis Ventures. For more information, contact us at info@okera.com or connect with the team on Facebook, Linkedin, or Twitter.

CASE STUDY: SEMICONDUCTOR MANUFACTURING COMPANY

Problem:

- Migrating financial data from Oracle Essbase to Snowflake
- Hundreds of personalized database views and roles were difficult to provision and manage

Solution:

- Dynamic row level security powered by user attributes
- Implemented governance on all financial data in 6 weeks

Outcome:

- 100x reduction in policy complexity
- Easy 24/7 onboarding