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# TrustLogix Data Security Platform: Snowflake Integration



*Supporting Snowflake Analytics with Rigorous Data Security*

## TrustLogix Data Access Governance Framework

*Assisting organizations at every  
stage of the data lifecycle*

**Observe & Learn** capabilities to observe existing data, learn usage patterns, highlight ineffective controls, and receive recommendations to fully protect data.

**Privacy Preservation Controls** to apply privacy and anonymization security policies during the data ingestion phase.

**Granular Access Controls & Entitlements** enforcing least privilege without the need for organizational data consumers to alter their native tooling in any way.

## Product overview

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TrustLogix is a multi-cloud, data security visibility and access platform that provides frictionless granular security, compliance, and approval. In conjunction with the formidable analytics power of Snowflake, TrustLogix offers a comprehensive cloud solution with the assurance of highly stringent data security, mapped to a centralized organizational policy structure. Enterprises can mine analytics insights within Snowflake faster while fully addressing their risk and compliance requirements.

The solution addresses the following business outcomes:

- Manage and eliminate business risk through fine-grained entitlements while allowing transparent access to business analysts, data engineers, and data scientists
- Ensure data privacy before data usage by managing and applying privacy policies to the data ingestion and data pipelining process
- Prevent sensitive data leaks by detecting shadow IT usage of data and unauthorized data sharing
- Achieve compliance such as SOX, PII, GDPR by detecting overly granted roles and ineffective access policies

TrustLogix leverages Snowflake platform features, such as information schemas, access controls, Snowpark, and Java User Defined Functions, to solve advanced enterprise security use cases. These features allow organizations to protect data within Snowflake or across any other cloud data platform.

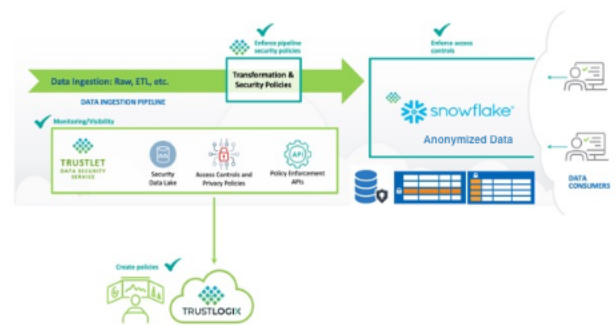
### Highlight ineffective data security posture using the Observability & Learning Engine



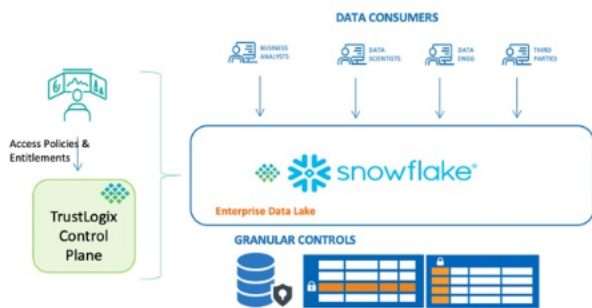
TrustLogix's **Observability & Learning Engine** uses a trustlet to observe data usage patterns within Snowflake. Ineffective data security is revealed and recommendations provided so that organizations can fully protect their data and assume a least privilege, zero trust posture.

### Easily embed privacy preservation controls into the data ingestion pipeline

**Privacy preservation controls** provide automated data anonymization techniques which enable organizations to securely load data in Snowflake, define privacy policies, and allow transparent access to rightful data owners without skewing the results of analytics operations.



### Empower data consumers with granular access controls & entitlements



Using a trustlet, data security engineers define **granular access controls & entitlements** that help in streamlining Snowflake compute operations through centralized policies. This allows authorized data consumers transparent access through native data science and engineering toolsets, thereby addressing risk and achieving compliance.

Our platform capabilities include easy integration with data catalogs & classification tools such as AWS Glue Catalog, Collibra and Alation. Data can be easily encrypted by integrating with native Bring Your Own Key (BYOK) solutions. AWS Private Link integration facilitates secure and private data communications between Snowflake, AWS, and TrustLogix.