KOVERSE
AN SAIC COMPANY

Solve Sensitive Data Management Challenges

Koverse Data Platform (KDP) brings Zero Trust security to data to power the most demanding analytics, data science, and AI use cases

Security-conscious government organizations and highly regulated industries struggle with using complex and sensitive data. Data security and privacy challenges can impede mission intelligence and performance goals.

Koverse Data Platform

KDP is a security-first data platform that empowers organizations to use data to gain understanding and drive mission-impacting decisions and actions. It provides Zero Trust for data by enforcing attribute-based access controls (ABAC), allowing customers to safely work with their complex and sensitive data to power the most demanding analytics, data science, and AI use cases.

Trusted by Leaders

Leading government and industry organizations trust KDP to enable mission learning and intelligence amplification in the most critical domains.

Insight-Enabling Examples

- Ingest sensitive data from national, tactical, and open-source data sources.

- Fuse multiple intelligence (Multi-INT) and multi-domain data sources.

- Enable secure search and document discovery in seconds.

- Create global transparency of the entire supplier network.

Single Platform for All Data

- Rapidly ingest, index, and secure all data including structured and unstructured, batch and continuously streaming, and classified and unclassified data, from any source.

- Physically co-locate and logically separate data to simplify data management.

- Choose from cloud, hybrid cloud, or on-premises delivery.

End-To-End Multi-Level Security

- Ensure multi-level security (MLS) to protect data from ingestion to discovery and use.

- Apply attribute-based access controls (ABAC) to ensure authorized data access only.

- Provide added confidence with data-centric security, cell-level security, and secure-on-write.

Accelerate the Operational Use of AI

- Employ "late binding" of data with quick ingestion in its original form for superior data fidelity.

- Enable the flexibility to apply context at the time of use to improve responsiveness.

- Rapidly build and evolve use cases and enable use by other systems to avoid vendor lock.
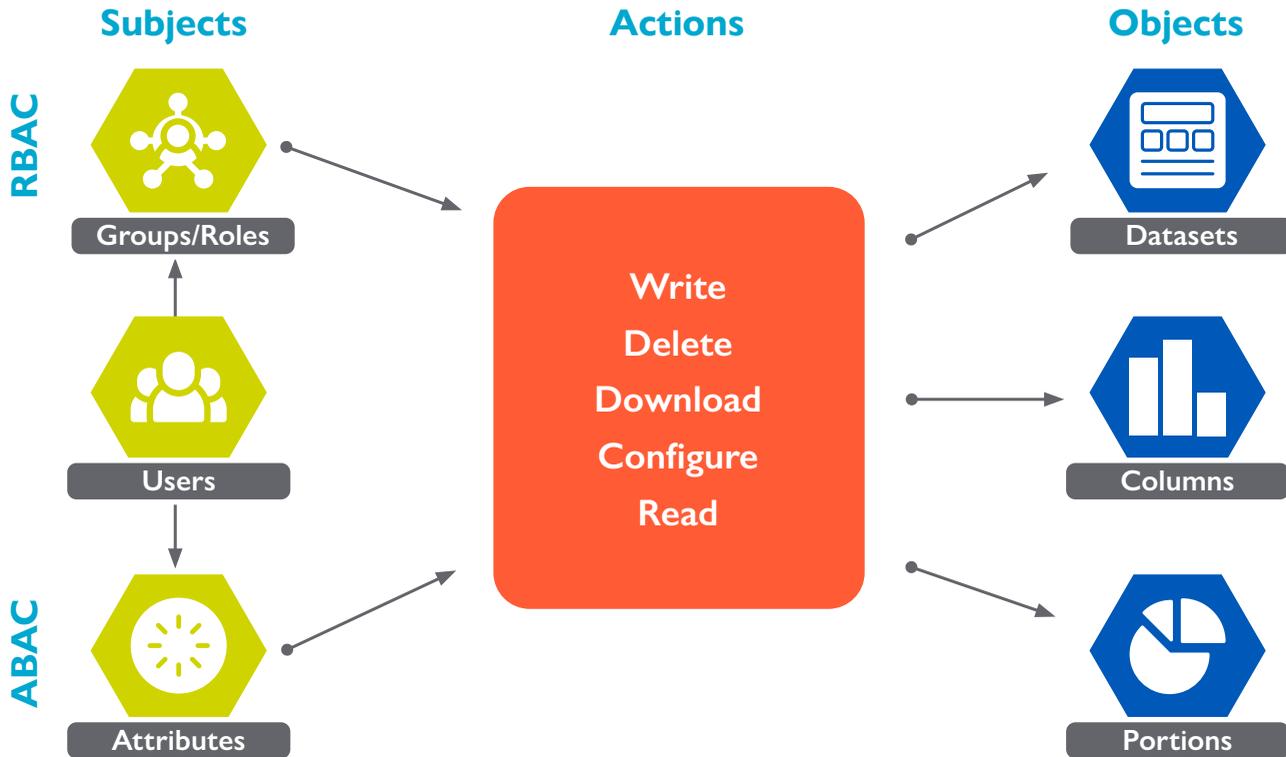
Mission Agility Is Assured

- Enhance your quick reaction capabilities to optimize mission agility and performance.

- Make new data rapidly accessible without requiring ETL or data characterization.

- Integrate with your existing tools and applications and quickly productionize new use cases.

Promote Mission Learning

- Provide the essential framework for mission learning and intelligence amplification.

- Enable the warfighter to learn more and better, adapt faster, and complete missions successfully.

- Continuously facilitate the transformation of data into actionable intelligence.

Koverse Data Platform Security Model

KDP provides an incredibly flexible, unified security model across data, at the dataset, column, row, and portion levels.

Subjects

Actions

Objects

RBAC

Groups/Roles

Users

ABAC

Attributes

Write
Delete
Download
Configure
Read

Datasets

Columns

Portions

Access Control Options

- Role-based access control (RBAC) allows users to see entire datasets or control specific columns.

- Attribute-based access control (ABAC) goes beyond roles and allows data to be accessed only if the security label is logically satisfied by a user's attributes.

- Both RBAC and ABAC policies can be applied to the same data.

- Data with ABAC labels can be extremely fine-grained, to the "portion" level.

Entire Dataset   Row   Column   Combo

Original portion-marked document

Portions stored with individual labels

Query results only show the portions users are authorized to see