DataCTRL: The data platform for when security isn't optional

SECURE YOUR DATA, WHILE TAMING THE CHAOS

DataCTRL is a government approved, secure data platform designed to handle continuously updating datasets, facilitate data discovery, and accelerate data sharing and analysis. DataCTRL tackles all of these challenges while providing granular access controls and the robust auditing required for critical mission solutions.

DataCTRL: WE MAKE HANDLING DATA EASY

- A cloud-native, flexible framework enhances complex data landscapes and allows organizations to streamline data complexities
- Built with your data-ops team in mind, our easy-to-use system simplifies processes – from installation to development to monitoring
- Fault-tolerant and scalable features allow developers to build projects with custom, cloud-ready workflows for real-time deployment, monitoring, and management
- Data flow and dataset isolation are secured by ensuring each dataset has its own access controls, configuration, processes, and reporting

DataCTRL Use Cases:

- ✓ Localized Data Layer
- ✓ Decentralized Data Cloud
- ✓ Secure Data Science Environment
- ✓ Cloud Risk Assessment Engine

DataCTRL Key Benefits:

- **Spend Less:** Leverage heterogenous data storage and optimize across cloud providers
- **Maximize Investments:** Track all data movement, access, and use across your organization for better value assessments
- **Speed to Mission:** Make data instantly available for analysis and machine learning

DataCTRL Deployment Options:

DataCTRL is cloud native, but we provide various deployment options tuned for your data landscape – including on-premise systems and cloud-based deployments in AWS and C2E.

DataCTRL is accredited for use on the IC's Commercial Cloud Enterprise (C2E) contract.

On-premise   **or**   **Cloud-based**

DataCTRL Key Functions: Tamed Data Chaos, Extensible Catalog, and Secure Access

1 Tamed Data Chaos

Data Sources - DataCTRL can connect to both static and streaming data sources in multiple formats.

Processing - DataCTRL can handle workloads of any size, with distributed, scalable, and fault-tolerant data pipelines. DataCTRL can leverage commercial and open source data management technologies.
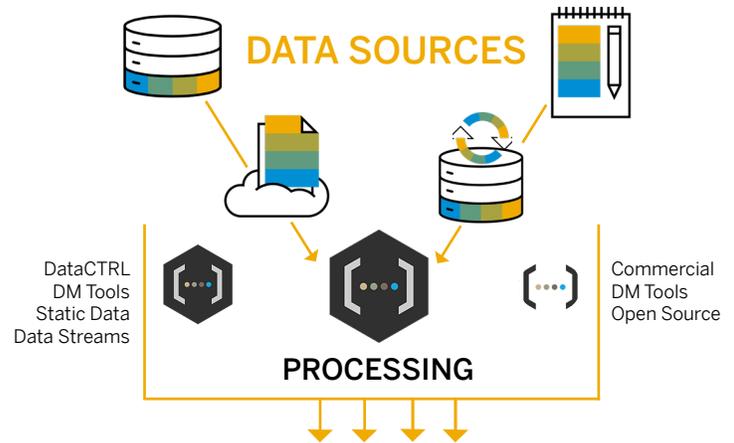
2 Extensible Catalog

DataCTRL manages data deliveries, exposes storage repositories, tracks data pedigree & lineage, manages data structures, and inspects data for consistency. Data modeling is conducted for use cases requiring data optimizations, such as data transport and scalable data science workflows.
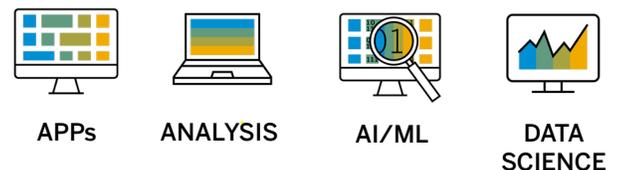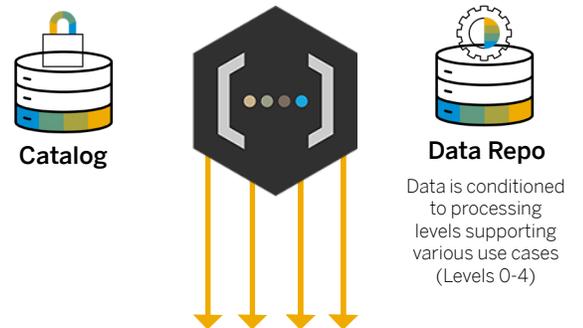
3 Secure Access

DataCTRL enables granular Role Based Access Control (RBAC) for authorization and access control throughout its system, as well as enterprise user management systems. User management services are provided to third party applications, acting as a single point of user management for multiple applications.

The DataCTRL Process:

DATA SOURCES

DataCTRL DM Tools Static Data Data Streams

PROCESSING

Commercial DM Tools Open Source

EXTENSIBLE CATALOG

Catalog

Data Repo

Data is conditioned to processing levels supporting various use cases (Levels 0-4)

SECURE ACCESS

APPs   ANALYSIS   AI/ML   DATA SCIENCE

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