

Multi-billion dollar government transportation agencies can improve their data governance using TMDC's DataOS

Industry

Government

Objective

Provide right data to right people at right time

TMDC Solution

The Modern Data Company deployed DataOS in six weeks. Data Cataloging, Advanced tag based governance engine and other applications to explore their data will be provided out-of-the-box

DataOS Key Benefits

- Data is available and accessible only by right people at right time
- Set up role based, attribute based or tag based data access controls
- Enrich data quality by configuring data validation rules

The Customer

A government agency directly manages more than 50,000 lane miles of state and federal highways, about 12,000 highway bridges and also permit more than 400 public-use airports in the United states. Their vision is brighter future for the public through a world-class transportation network.

The Challenge

As a large transportation agency with a diverse set of data needs, many systems at these government transportation agency have been developed to help manage diverse datasets. These systems contain large amounts of valuable data that are used to inform decision making and provide transparency to our stakeholders.

The main challenge for large organisations is to support its partners and other decision makers with information to the right people at the right time.

DataOS[®] provides advanced data governance

Dealing with large volumes of data demands modern data tools that can not only handle large volumes of data but ensure data quality, provide data security and governance.

In DataOS, we use tagging extensively to manage security and priority classifications at the most atomic level. This approach allowed us to innovate on how we manage data governance. Our tag based governance engine provides customers with the flexibility to provide role based, attribute based as well as tag based access controls.

The Benefits

TMDC delivers an enterprise grade product in 6 weeks, that provides advanced governance engine out of the box

- Tag based governance engine to customers with the flexibility to provide role based, attribute based as well as tag based access controls
- This ensures right data is accessible only by right people at right time
- Enrich data quality by configuring data validation rules pertaining to uniqueness, consistency, relevance and completeness

Advanced data governance with DataOS®

Unlike other data management platforms, we can successfully deploy DataOS® in six weeks. Any user or system that needs access to the data can do so in a compliant manner by leveraging foundational capabilities such as row and column level redactions, data abstraction, data masking, etc. in DataOS. This ensures data democratization and right data is accessible to right people.

DataOS also empowers teams to set up role based data access or conditional access controls like the ability to access a data set on a certain network or during a certain period of time or other such rules.

About DataOS®

DataOS enables enterprises to ingest, process, transform, govern, and orchestrate data from disparate data sources to deliver a trusted and real-time view of customer and business data. DataOS humanizes data and its access, breaks data silos and transforms companies as they take steps towards data democracy and gaining business insights in real-time.

About The Modern Data Company

Founded in 2018, The Modern Data Company (TMDC) began with the realization that enterprise-wide data access has been siloed. Data engineers and database administrators have been the longstanding data gatekeepers who funneled data to analysts and data scientists. We aim to change that by freeing enterprises to make better data driven decisions by democratizing access to data. When all employees, irrespective of their technical skills or background, can easily explore and analyze enterprise data, then both productivity and market expansion are realized at a faster pace.