

Billion dollar pharmaceutical giant accomplished faster data insights using TMDC's DataOS

Industry

Life Sciences

Headquarters

Germany

Objective

Drive faster data insights using high quality data

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

- Create a single source of truthful data
- Enrich data quality by pre-configuring data validation rules
- Full history of "audit trail" to understand all the events happened within the data ecosystem

The Customer

Our customer is one of the largest multinational pharmaceutical organisations in the world. With annual revenues over \$4.5 Bn, our customer wants to leverage their expertise to address global challenges and aim to improve people's lives around the world.

The Challenge

Large Pharmaceutical companies conduct research to discover new drugs, test and validate their effectiveness and introduce them to the market. This entire process requires accumulating, analysing and storing vast amounts of clinical data coming from patients, healthy volunteers, from laboratories or any other electronic medical devices.

The main challenge for these large pharma organisations is to integrate data from multiple data sources, automate data quality and audit trails, and make it faster and easier for researchers to find and analyze drug development data.

DataOS[®] provides Best-in-class

Unlike other data management systems, DataOS is deployed within six weeks. Data Catalog in DataOS creates a single source of truthful data with data ingested from diverse data sources. Data users used data lineage to understand flow of their data from origin to destination.

DataOS also provides all the primitives necessary to enhance the data quality and our customer enhanced their data quality by pre-configuring data validation rules pertaining to consistency, completeness and uniqueness etc.

The Benefits

TMDC delivers an enterprise grade product in 6 weeks, that

- Provides data catalog to create single source of truthful data and enhances data quality
- Drives faster business insights as the users get to work on real-time high quality data
- Creates dedicated “audit feed” dataset that contains the who, what, where, and when of all the activities that occur in your DataOS environment

Faster real-time data insights with DataOS[®]

With single source of truthful data created, users can easily find data of their choice with a simple google-like semantic search in DataOS. With data discovery faster than ever now, users can work on high quality data and bring out drug development data at rapid pace.

DataOS creates datasets specifically dedicated to audit events happening across all applications and services. This audit “feed” can be consumed and syndicated to external systems to analyse and contextualize all events happened in the data ecosystem.

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.