Kestral Digital and Denodo

Kestral Digital and Denodo partner to help Power and utilities, Defense and Aviantion, Telecommunication, Public Sector, Manufacturing & Construction organizations to engage in digital transformations that improve agility and performance.

Why Kestral Digital and Denodo?

With the advent of cloud and big-data technologies, many companies are modernizing their data infrastructures. The pandemic has accelerated this trend, as many companies shift the focus to digital interactions with customers. In particular, companies in the public sector, from energy and utilities, to finance, to defense, have been called upon to radically transform into primarily digital organizations.

Often, organizations store data across a wide variety of different systems, and they are integrated via a system of extract, transform, and load (ETL) processes that copy the data, at periodic intervals, into a data warehouse for reporting. This is a tried-and-true strategy for integrating data within large organizations.

Unfortunately, this strategy impedes digital transformation, and this is due to five key challenges:

1. ETL scripts need to be re-written, re-tested, and re-deployed in order to accommodate new data sources.
2. Because ETL processes deliver data in scheduled batches, they cannot deliver data in real time, so they cannot be seamlessly orchestrated with modern, real-time data sources.
3. During digital transformation activities, such as migrating data from on-premises systems to cloud systems, organizations often have to suffer downtime, resulting in interrupted service.
4. Often, key repositories are required to remain on-premises, and organizations lack effective ways to manage both cloud and on-premises systems, simultaneously.
5. Public sector organizations need technology solutions that can assist with the above challenges, but they also need to work with people who understand the unique needs of public sector organizations.

Working together, Kestral Digital and Denodo enable companies to overcome each of these challenges, so they can engage in profound digital transformations that accelerate data access and meet their unique goals, all without having to replace existing hardware.

What Denodo Brings

The Denodo Platform uses data virtualization to connect data consumers with disparate sources of data in real time, without having to physically move any data from its existing location. The Denodo Platform sits in a layer between data consumers and the various data sources. The platform itself contains no data, but only the metadata required to access each source, and the platform shields consumers from this complexity. By presenting data consumers with a real-time view across myriad disparate sources, data consumers can access a single version of the truth, and query across the heterogeneous sources without having to understand their different requirements.

With the Denodo Platform, new sources can be added relatively quickly, including emerging data storage architectures such as cloud or big data sources. Because the Denodo Platform supports a wide variety of legacy and modern data sources, it modernizes data infrastructures without forcing organizations to replace existing investments, including traditional data warehouses, data marts, or ETL processes.

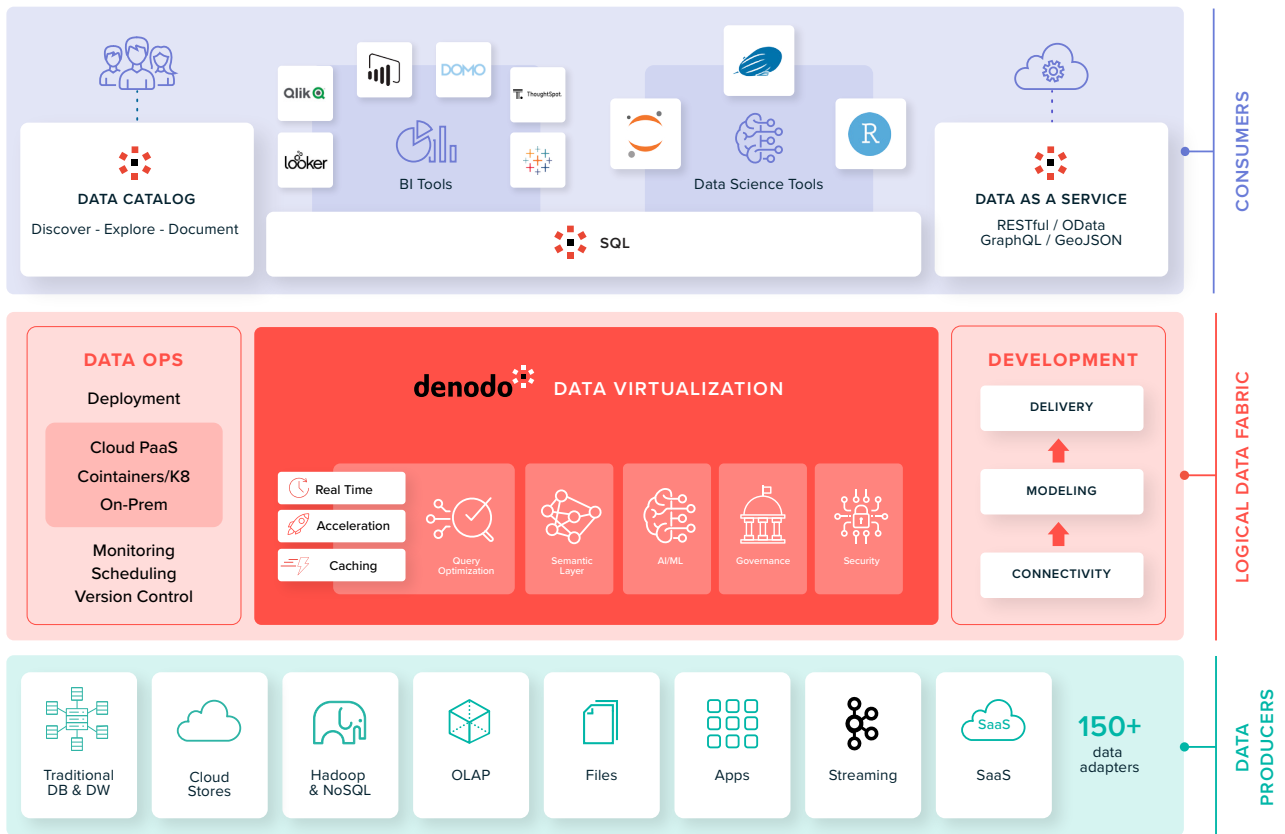## What Kestral Digital Brings

Kestral Digital is a consulting company that is part of the larger Kestral Group, which is also comprised of Kestral Trading, Kestral Holding, Kestral Logistics, Kestral Services, and Kestral Energy.

Kestral Digital provides management and digital solutions to mid-to-large sized public and private sector organizations, focusing on business automation and digital transformation. Kestral Digital is comprised of expert consultants with extensive hands-on experience with the Denodo Platform, having earned the Denodo Certified Architect Associate, the Denodo Certified Developer Associate and the Denodo Certified Administrator Associate accreditations.

Kestral Digital will analyze each customer's unique situation and goals, and design a solution, built on the Denodo Platform, that meets their needs with measurable results.

Denodo/Kestral Digital Architecture Overview

What can you do with Kestral Digital and Denodo?

With Kestral Digital + Denodo, companies can:

- Unify all data, including data from existing data warehouses, and make it available in real time.
- Engage in data infrastructure modernization projects, such as migrations to the cloud, with zero downtime.
- Reduce reliance on ETL processes.
- Implement hybrid data infrastructures that provide simultaneous access to data across on-premises and cloud systems.
- Leverage a team of business consultants with extensive vertical experience.

KESTRAL

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denodo

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