Sirius and Denodo

Enabling a Modern Data Infrastructure with Support for Self-Service Analytics

Since 2019, Sirius and Denodo have partnered to combine state-of-the art professional services with the industry's most advanced data virtualization platform to streamline data access in support of the most critical business needs.

Why Sirius and Denodo?

Today, data is a valuable asset that can help businesses reduce costs, make informed decisions, and better understand customer needs. However, data can easily become useless if it is trapped in outdated technology.

Data-driven organizations need to establish modern data platforms that can support both their current and future needs. And when it comes to needs, business leaders take center stage, as they must be able to quickly access data—and to trust the accuracy of that data—to make better decisions.

One of the biggest obstacles to this needed agility is poorly integrated data, which results in five key challenges:

1. The inability to support logical data warehouse architecture to support advanced analytics
2. Unreliable data-as-a-service (DaaS) implementations
3. Ad-hoc development, creating inconsistencies across the enterprise
4. Restrictions to cloud, on-premises, and hybrid data architecture design
5. Silos within big data implementations

In addition, many companies lack the expertise required to implement trusted business views over disparate data sources, inhibiting their ability to act cohesively in pursuit of their business goals.

Working together, Sirius and Denodo enable organizations to overcome each of these challenges, to gain the agility to meet or exceed their goals.

What Denodo Brings

The Denodo Platform is a data integration solution based on data virtualization. Unlike traditional data integration solutions, which rely on replicating data from multiple systems into a new, consolidated repository, data virtualization provides real-time views of the integrated data, without replication.

The Denodo Platform sits in a layer between the data consumers and the actual sources of that data. It contains no data, but only the critical metadata for accessing the data in each of the sources, and the platform shields
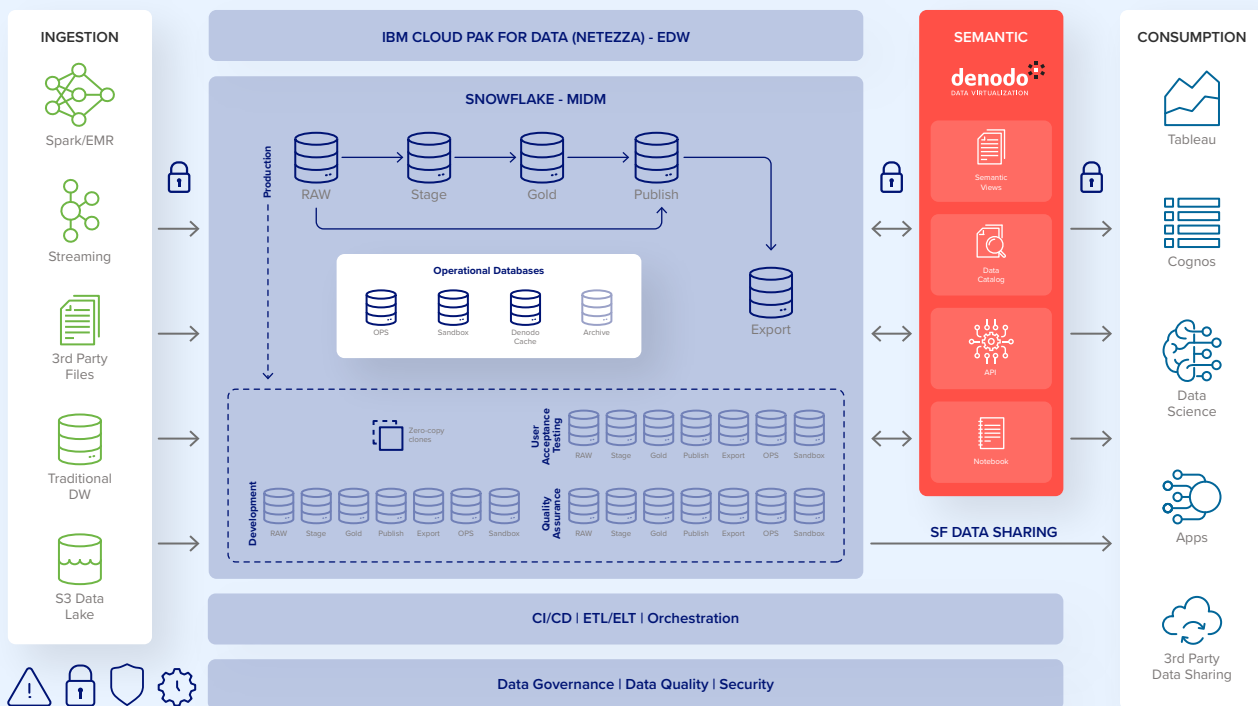
consumers from data-access complexities such as format, location, and latency. By presenting data consumers with a single virtual data layer, which provides a real-time view across myriad disparate sources, business users can access a single version of the truth.

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 extract, transform, and load (ETL) processes.

What Sirius Brings

Sirius and Denodo can consolidate organizations' data environments and help them to establish a unified data model, which is the core of self-service analytics. Virtually unifying the data with the Denodo Platform greatly accelerates the time to enabling self-service analytics. The Sirius reference architecture, with the Denodo Platform as the core technology, enables companies to unify data by connecting to the data sources in place.
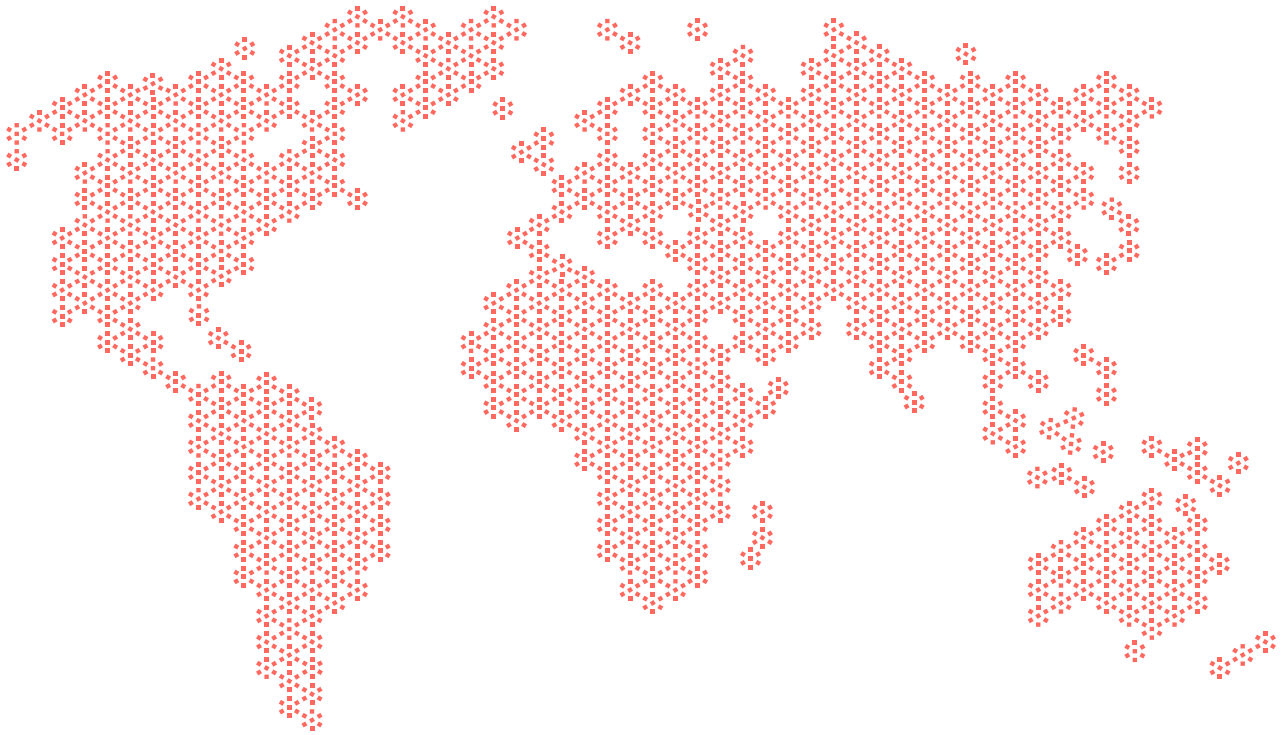

Sirius reference architecture for self-service analytics

As shown above, the Sirius reference architecture unifies data (using the Denodo Platform) between Snowflake and IBM Cloud Pak for Data (Netezza Performance Server) and enables access to the unified data through any available BI tool. This architecture makes data that used to be exclusive to Cognos accessible from Tableau as well.

Benefits:
- Fast development: Enable self-service analytics in less than 3 months
- Does not require extensive data engineering
- BI packages can be ported to the Denodo Platform and extended to other BI tools
- Supports connections to external data sources without data engineering skills
- Analysts can create their own data sets with moderate technical skill
- Enables seamless data sharing

About Sirius

Sirius is a national integrator of technology-based business solutions, and one of the largest solutions providers in North America. Sirius has advanced analytics consultants on board with in-depth experience with over 70 data management systems. Sirius maintains a diverse client base across financial services, manufacturing, retail, healthcare, pharma, telecommunication, and other industries.

For more information visit **www.siriuscom.com**. Phone: 800-460-1237.

About Denodo

Denodo is the leader in data virtualization providing agile, high performance data integration, data abstraction, and real-time data services across the broadest range of enterprise, cloud, big data, and unstructured data sources at half the cost of traditional approaches. Denodo's customers across every major industry have gained significant business agility and ROI by enabling faster and easier access to unified business information for agile BI, big data analytics, Web, cloud integration, single-view applications, and enterprise data services. Denodo is well-funded, profitable, and privately held.

For more information, visit **www.denodo.com**