

# The Denodo Platform for Modern Data Virtualization

## Accelerating time-to-analytics and data services, to power digital transformation

Every organization wants to become more data-driven, but the increasing complexity of hybrid, multi-cloud environments, combined with massive data volumes, makes it challenging. Cloud storage has helped, yet it still leads to new data silos that need to be integrated with other systems, such as traditional data warehouses. It can be both time-consuming and expensive to combine data from databases, applications, and files, and making the combined data available for analytics and data services, and such activities can also lead to a proliferation of data copies, which can fall out of synch. This not only makes it hard to find a single source of up-to-date truth, but it also leaves sensitive data assets exposed, complicating legal compliance, or worse.

### Data Virtualization for Agile, Data-Driven Business Transformation

Data virtualization is an efficient approach to data integration that enables real-time, integrated views of data from disparate, structured, semi-structured, and unstructured data sources, whether on-premises or in the cloud, to support analytics and data services without replication. It is an agile data delivery approach that presents data as a virtual, abstract layer, independent of the underlying databases and applications, with their varied data structures.

Data virtualization maximizes the value of data assets to organizations by abstracting complexity and enabling higher productivity.

Denodo data virtualization provides:

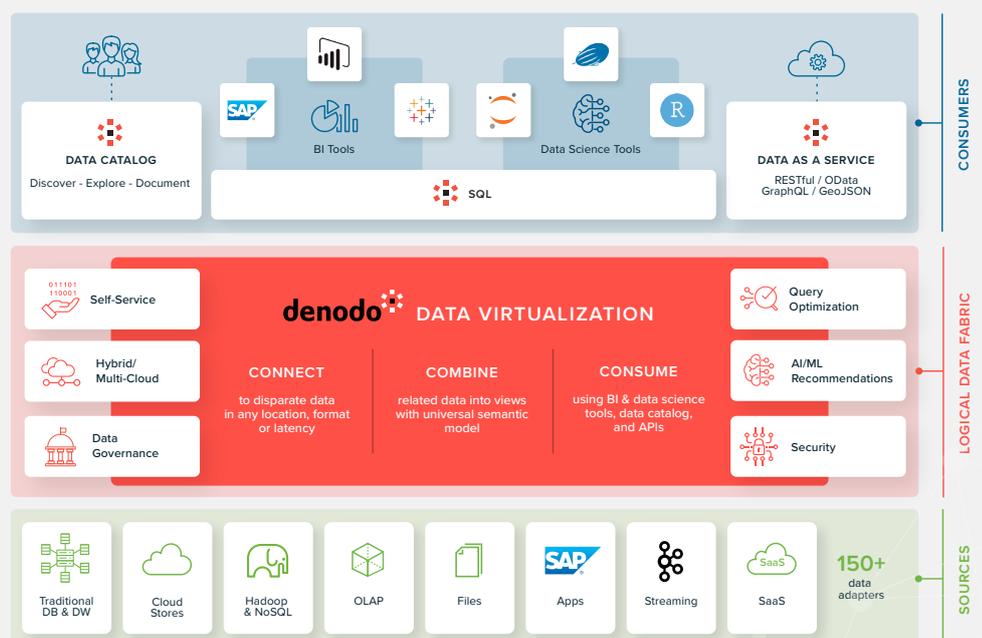
- Fast, real-time access to all of your data, through any analytics tool or data APIs, without your having to move or copy it
- Rapid-development, low-maintenance data delivery and management, with end-to-end visibility
- Self-service discovery and access to data with governance and security

“Denodo’s support and development engineers are outstanding. They help us with any problem we have, regardless of whether or not they support the driver we use. The tool itself has saved us huge volumes of man hours in developing new solutions that work with all tools. Is there a 6 out of 5? Denodo Support staff have been a shining light in the dark. We’ve never had a better experience with any other vendor support.”

— Platform Lead,  
Autodesk

## The Denodo Platform for Modern Data Virtualization

The Denodo Platform provides a unified, modern, no-code/low-code user experience that enables organizations to empower business and IT teams more quickly with data. Denodo’s flexible, high-performance data integration solution leverages the industry’s most advanced data virtualization technology to deliver data in real time, even in complex hybrid and multi-cloud environments. This shortens time-to-insight while saving costs over copy-and-consolidate approaches. Denodo customers benefit from faster and easier access to data without compromising security and governance, providing the foundation for an agile logical data fabric.



## DATA VIRTUALIZATION BENEFITS



**Up to 85%**  
reduction in time



**Up to 70%**  
reduction in resources



**Up to 80%**  
cost savings

## DENODO PLATFORM DIFFERENTIATORS

- Unified, easy-to-use, modern Web interface** supporting single-sign-on (SSO) to securely empower your team to get value from data assets
- Lightning-fast query response** through a proprietary smart query optimizer powered by artificial intelligence (AI), and dynamic caching capabilities
- Integrated machine learning (ML)-assisted active data catalog** of real-time data, to provide a business-friendly way to find, access, and curate data, and put trusted data to work supported by lineage and metadata
- Visual Design Studio application** for quickly developing data views and data services, combining data from more than 150 data sources using a no-code/low-code visual interface for higher productivity
- Modern data services layer** with automated, no-code creation and deployment of data APIs using the latest standards (OAuth 2.0, SAML, OpenAPI, OData 4, and GraphQL) to speed the creation of data apps
- Denodo Notebook**, quickly enabling data scientists to run scripts, implement machine learning, and engage in predictive analytics, leveraging Denodo connected data
- Automated cloud infrastructure management**, to rapidly deploy the Denodo Platform on the AWS, Azure, and Google clouds, launching cloud instances and clusters with security, load-balancing, and auto-scaling

## SUCCESS STORIES



### MULTI-CLOUD MODERNIZATION

Leveraged the Denodo Platform as a centralized data access, layer across multiple on-premise and cloud data sources, including 3rd party cloud data sources

Developed a solution to report on the efficacy of drug and alcohol interventions across different agencies



### LOGICAL DATA WAREHOUSE, DATA PREPARATION, DATA SCIENCE

Enabled data science teams to gain secure, self-service access to hybrid data

Created real-time data marketplace powered by the Denodo Platform's data catalog and connectivity



### CUSTOMER 360 VIEW, ARTIFICIAL INTELLIGENCE

Gained a 360° view of commercial business information for business users

Created AI-assisted treatment recommendations leveraging the Denodo Platform's connected data



### DATA SERVICES

Leveraged the Denodo Platform to establish a data services marketplace

Reduced the data preparation cycle time from 1-2 weeks to less than one day, using fewer resources, dramatically reducing time-to-value

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Denodo's data fabric solution integrates key data management components, including data integration, data ingestion, data transformation, data governance, and security, to support new and emerging use cases including customer 360 views, real-time and on-demand analytics, IoT analytics, and self-service analytics. In addition, Denodo's AI/ML capabilities, as well as automation, continue to enhance its capabilities across data fabric components.”

— The Forrester Wave™: Enterprise Data Fabric, Q2 2020

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Our Denodo Platform rollout was one of the easiest and most successful rollouts of critical enterprise software I have seen. It was successful in handling our initial security use case immediately, and has since shown a strong ability to cover additional use cases, in particular acting as a data abstraction layer via its web services functionality.”

— Enterprise Architect, Asurion