

The Denodo Platform

Providing Agility in an Increasingly Complex Data Landscape

Organizations are challenged by ever-growing data volumes, and data types that are increasingly diverse. At the same time, more and more business opportunities can only be realized if large and diverse sources can be integrated in near-real-time, if not in real time. Cloud storage architectures have helped, yet they still establish independent data silos that cannot be seamlessly integrated with other systems, such as traditional data warehouses. **In today's complex data landscape, it is no longer feasible to replicate data from myriad sources into a central repository, due to the associated costs and the delays in accessing the data.**

Data Virtualization for Business Transformation

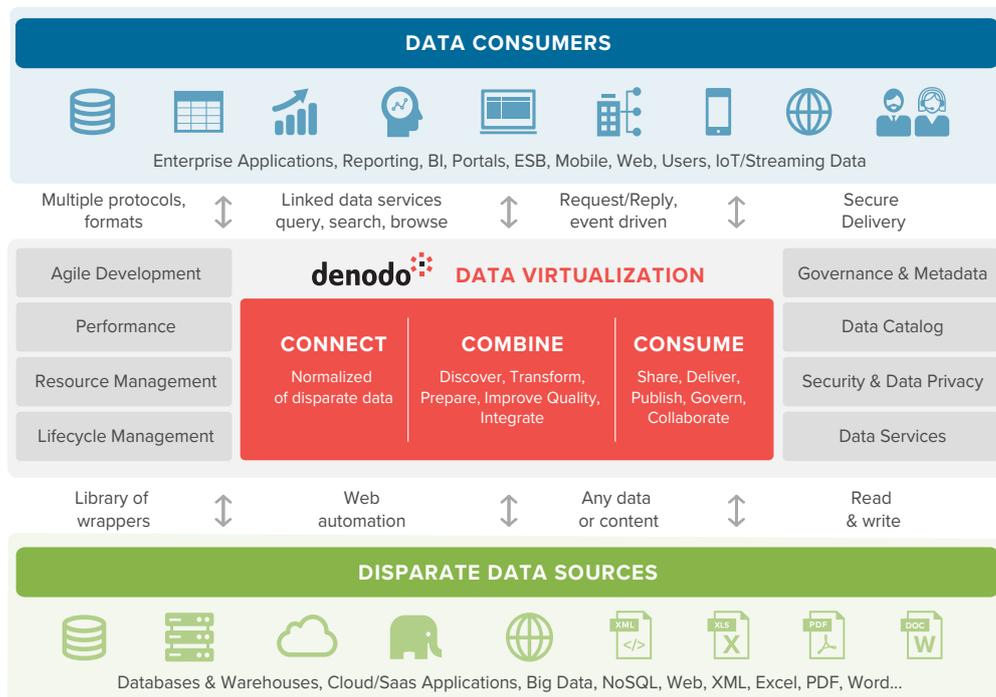
Data virtualization is a modern data integration approach, which creates real-time, integrated views of data from disparate, structured, semi-structured, and unstructured data sources, whether on-premises or in the cloud, to support data services for business transactions, analytics, and other workload patterns, without replication. It is an agile data integration approach that presents data as a virtual, abstract layer, independent of underlying database systems, structures, and storage.

Data virtualization complements the capabilities of traditional data integration with the following features:

- Real-time data access** without replication and its associated costs.
- Rapid data services** delivered using myriad protocols with fine grained security, higher service levels, and detailed monitoring.
- Discovery and governance** of data and metadata, data lineage, change impact, and other data management capabilities, enabled by the virtual data layer.

Denodo Platform for Data Virtualization

The Denodo Platform is the only data virtualization solution that is fully equipped to handle today's and tomorrow's data management challenges. Denodo is the leader in data virtualization, providing agile, high performance data integration and data abstraction across the broadest range of enterprise, cloud, big data and unstructured sources, as well as real-time data services, at half the cost of traditional approaches.



“Random analytical implementations lead to chaos. One way to mitigate this chaos is to implement a data catalog — the ‘brain’ that monitors the sources of data and analytics and informs business users where and how they can find these invaluable decision support components. **The new Denodo 7.0 with its dynamic data catalog has the right characteristics to act as this brain.**”

— Claudia Imhoff, President, Intelligent Solutions.

“

As Bank of the West is moving towards data hub and data lake, to bring in parallelism and scale to support our continued growth, **we want Denodo 7.0 to assume a central position in our enterprise data architecture.**”

— Michael Norton, Vice President of Data Architecture at Bank of the West.

“

With Denodo Platform 7.0, we look forward to deepening accessibility to our data, enabling access for non-core and support business functions and incorporating additional process, quality and taxonomy into data catalog.”

— Quinn Lewis, Integration and Platform Services Manager at Anadarko.

DATA VIRTUALIZATION BENEFITS

Up to 85%
reduction in time

Up to 70%
reduction in resources

60-80%
cost savings

DENODO PLATFORM DIFFERENTIATORS

- Big data query acceleration** through native integration with parallel query processing engines.
- Dynamic Query Optimizer** with advanced query rewriting techniques that minimize network traffic and post-processing in the virtual layer for scalable architecture.
- Dynamic Data Catalog** that combines the features of a traditional catalog (classification and tagging, data lineage, descriptions, etc.) with keyword-based search, discovery, and business-friendly data exploration and preparation.
- Modern data services layer** that implements the latest standards (e.g., OAuth 2.0, SAML, OpenAPI, OData 4) for easy cloud interoperability.
- Automated lifecycle management** that greatly simplifies Dev/Ops tasks such as deployments, monitoring, logging, updates from a centralized web UI.
- Availability on major cloud platforms** (AWS and Azure Marketplaces) and Docker.

Success Stories

CLOUD MODERNIZATION

logitech

Seamlessly move to the AWS Cloud with Denodo Platform

Cloud based predictive analytics, data science and supply chain analysis

DATA SERVICES, SINGLE VIEW OF CUSTOMER

Swiss Re

360° view of deals and claims information for business users

Standardize data services around OData for easy data access

LOGICAL DATA WAREHOUSE, SELF-SERVICE BI

Seacoast Bank

Created virtual data marts for loans, treasury, mobile and online banking

Self-service analytical reporting for business users for faster turnaround

BIG DATA, DATA GOVERNANCE

asurion

Offer premium support for highest level of customer satisfaction

Centralize data privacy and governance for user data protection

Orion Innovation

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