Data Virtualization
Accelerating the Journey to an Intelligent Enterprise with Insightful and Timely Decisions

Organizations spend a lot of time, effort, and cost managing data flowing in from disparate external and enterprise-wide data sources and making sense of the same to enable business-critical decisions. **Data virtualization** connects disparate data sources, bridging data warehouses, data marts, data lakes without the need to create a whole new integrated data platform to enable business intelligence (BI) and analytics.

In partnership with Denodo, Tech Mahindra helps organizations around the globe to accelerate data virtualization, a modern, efficient method for integrating data in real-time, providing a logical data catalogue for business use and further enable BI and analytics.

Tech Mahindra understands the importance of high-quality data for any initiative and our copyrighted IP **Unified Data Management Framework© (UDMF)** which is developed in-house delivers this.

To ensure quick and high return on investment for data virtualization with Denodo we bring in **UDMF©** as an accelerator for data quality assessment.

Collaborations That Create the NXT possibilities

- Data Error Reduction
- Cost Optimization
- Faster Development and Support Time
- Improves Real-Time Data Access
- Reduces System Workloads
- Optimizes Data Storage
- Seamless BI and Dashboarding

Our Solution

Our platform offers the broadest access to structured and unstructured data residing in enterprise, big data, and cloud sources, both batch and real-time, exceeding the performance needs of data-intensive organizations for analytical and operational use cases, delivered in a much shorter time frame than traditional data integration tools.

Data virtualization enables cost and effort saving compared to traditional data warehousing and **40% less spent** on data integration.
### Business Benefits

- **30% faster access to data than ETL processes**
- **80% reduction in development resources**
- **300% increase in business user productivity**

### Use Cases

#### Mainstream BI and Data Warehousing
- Logical Data Warehouse
- Data Warehouse Extension
- Operational BI and Analytics
- Hybrid Data Virtualization/ETL
- Virtual Sandboxes and Prototyping
- Real-Time Reporting

#### Data Services for Agile App Development
- Agile Mobile and Cloud App Development
- Agile SOA and BPM Development
- Agile Portal and Collaboration Development

#### Mainstream BI and Data Warehousing
- Canonical View of Data Entities
- Enterprise Business Data Glossary
- Virtual MDM
- Unified Data Governance
- Enterprise Data Services

#### Big Data Analytics
- Hadoop/NoSQL as an Analytics Sandbox
- Data Warehouse Offloading
- Hybrid Data Storage
- Hadoop/NoSQL for ETL
- Integrating Big Data Analytics

#### Data Abstraction for Migration and Modernization
- Legacy App Modernization
- Migration from Enterprise to Cloud/SaaS
- Mergers and Acquisition - Data Consolidation

#### Web, Cloud, and B2B Integration
- Web Extraction
- Competitive BI
- Cloud/SaaS Application Integration
- B2B Integration through Web Automation

#### Data Discovery/ Self-Service
- Data Discovery and "What If" Analytics
- Self Service BI and Reporting

#### B2B Data Services and Integration
- B2B Integration through Web Automation
- Data Services for Partners

#### Single View Application
- Customer Service and Call Centres
- Products/Product Catalogues
- Vertical Specific
About Tech Mahindra

Tech Mahindra offers innovative and customer-centric digital experiences, enabling enterprises, associates, and the society to Rise. We are a USD 6 billion organization with 158,000+ professionals across 90 countries helping 1262 global customers, including Fortune 500 companies. We are focused on leveraging next-generation technologies including data analytics, 5G, blockchain, cybersecurity, artificial intelligence, and more, to enable end to end digital transformation for global customers.

About Denodo

Denodo is a leader in data management. The award-winning Denodo Platform is the leading data integration, management, and delivery platform using a logical approach to enable self-service BI, data science, hybrid/multi-cloud data integration, and enterprise data services. Realizing more than 400% ROI and millions of dollars in benefits, Denodo’s customers across large enterprises and mid-market companies in 30+ industries have received payback in less than 6 months.

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