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 • Data Services in Cloud • Social Media Integration	• 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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