

The AI Data Layer

Turn AI Investment into Repeatable Business Outcomes

AI adoption is accelerating. The harder challenge is turning pilots and platform investments into production outcomes without making every new initiative another data integration project.

THE MARKET HAS CHANGED

Enterprise data is becoming more distributed, while AI requires a broader view of the business.

AI applications, copilots, and agents often need information from multiple systems to understand customers, operations, products, policies, and business conditions in context. That information spans warehouses, lakehouses, operational systems, SaaS solutions, documents, and cloud platforms. The challenge is not giving AI more data; it is giving it the right combination of live, governed, business-relevant information when it is needed. Rebuilding access, movement, governance, and semantics for every new use case does not scale.

The Data Challenge is Becoming a Business Constraint

When the data foundation cannot keep pace, the consequences show up in the outcomes senior IT leaders are accountable for:

SLOWER TIME-TO-VALUE

Teams spend too much time locating, moving, preparing, and reconciling data before AI initiatives can reach production.

GREATER RISK

Security, privacy, and governance become harder to apply consistently as more applications and autonomous agents consume enterprise data.

RIISING COST AND COMPLEXITY

More pipelines, copies, and project-specific integrations increase the overhead of infrastructure, engineering, and operations.

UNDERUSED INVESTMENTS

Cloud, lakehouse, catalog and AI investments create less value when each new initiative requires another layer of custom integration.

A Different Approach: a Reusable AI Data Layer

An AI data layer sits between distributed enterprise data and the AI systems, applications, analytics platforms, and people that consume it. It creates a reusable way to connect, govern, contextualize, and deliver data without requiring another consolidation or replacement cycle.

- **Faster:** Reduce repeated data work before new initiatives deliver value.
- **Leaner:** Limit unnecessary movement, duplication and integration overhead.
- **Safer:** Apply consistent controls as data is consumed.
- **More actionable:** Apply standardized semantics across disparate sources and platforms.
- **More flexible:** Extend existing investments as models and platforms change.



Active Context for AI, Built on Four Capabilities

AI does not just need access to data. It needs the **right** information, with the **right meaning and controls**, at the moment it is needed. Denodo calls this **active context**.

