

SQream and Denodo Partner To Expand the Potential of Big Data Analytics

Why SQream and Denodo?

Today, most companies would say their data volumes are exploding. As a result, such companies lack the ability to efficiently perform big data analytics, or the ability to quickly leverage large volumes of data for quick, actionable insights. This is due to four key challenges:

- 1. The high cost of managing large data volumes:** Storing, processing, and analyzing large datasets can be prohibitively expensive, particularly when using traditional on-premises or cloud-based solutions that rely on CPU-driven architectures. These expenses can quickly escalate, especially when organizations scale their data operations.
- 2. Slow query-response times:** The sheer size and complexity of datasets can translate to slow query response times, meaning insights are sometimes obsolete and unsuitable to use for business decisions. When companies need to take time-sensitive action, these delays can result in missed opportunities and mediocre outcomes.
- 3. Complex data management:** Companies often struggle to effectively unify and manage data from disparate sources and systems, and this complexity hinders the ability to extract meaningful analytics.
- 4. Scalability:** As data grows, so does the need for a scalable solution that can handle the increased workload without compromising performance. Traditional data processing tools often fall short in this area.

Working together, SQream and Denodo enable companies to overcome each of these challenges, so they can engage in big data analytics and gain the insights they need, when they need them.

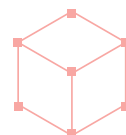
What Denodo Brings

The Denodo Platform is a logical data management solution that, enabled by data virtualization, provides real-time views of data across disparate sources without having to physically move any data. With these capabilities, it accelerates data unification and delivery for all business data needs, including AI.

The Denodo Platform is deployed as an enterprise-wide data-access layer, abstracting data consumers from the complexities of accessing the underlying data sources. The platform itself contains no data, only the metadata required to access the different sources. By centrally managing metadata, the Denodo Platform enables organizations to manage data governance and data security protocols from a single point of control, across the entire organization.

The Denodo Platform provides AI-powered query acceleration and aggregates-aware query rewrites, and it supports myriad other optimizations including pushdowns, caching, and materialization, when it suits the use case. It has the intelligence to apply the most effective optimization for a given query, given the different characteristics of each individual data source involved in each query.

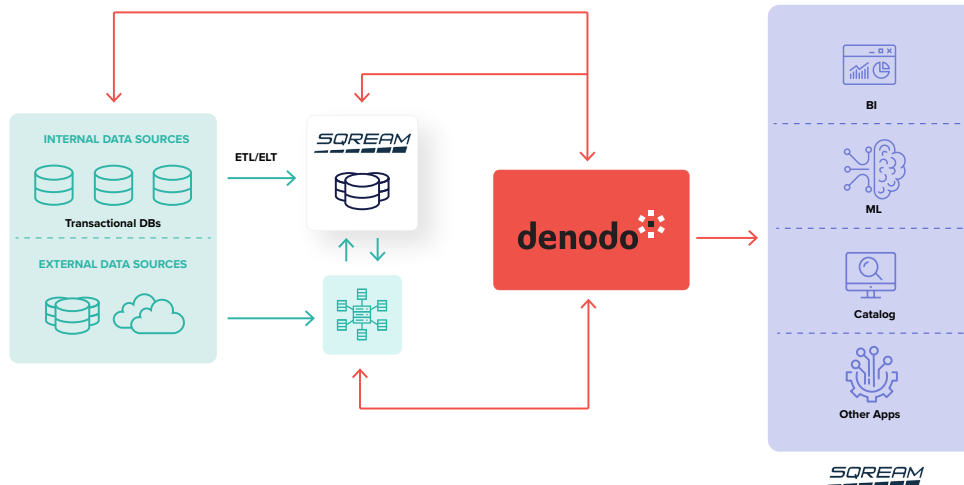
However, some companies lack the infrastructure to provide optimal performance when scaling to extremely large datasets, and this is where SQream comes in.



What SQream Brings

SQream is an SQL-based analytics platform designed for accelerating time-sensitive business insights from massive and/or complex datasets. SQream's patented technology leverages NVIDIA GPUs, helping organizations perform complex analytics on large and growing datasets faster than traditional solutions.

Leveraging SQream, organizations can run complex queries on massive datasets in a fraction of the time it would take using traditional CPU-driven architectures. This speed is crucial for businesses that need to make time-sensitive decisions. By offloading the heaviest queries to SQream, organizations can reduce the need for extensive hardware investments, leading to significant cost savings. SQream's efficient GPU resource utilization ensures scalable, high-performance analytics without the associated high costs.



What Can You Do with SQream and Denodo?

SQream provides the horsepower for analytics in demanding situations, while Denodo acts as the intelligent data manager; together, they create a high-performance, flexible, and cost-effective data platform.

With SQream + Denodo, companies can:

- **Accelerate data-driven insights:** By leveraging the Denodo Platform to virtualize data from multiple sources and then processing it with SQream's blazing speed, businesses can gain insights faster than ever before.
- **Improve data agility:** With the Denodo Platform's ability to create virtual data services, combined with SQream's performance on large datasets, organizations can respond to changing business needs quickly.
- **Reduce costs:** By optimizing data processing and eliminating data duplication, businesses can reduce hardware and software costs.
- **Enhance data governance:** The Denodo Platform's logical data management capabilities can help enforce data quality and security standards.
- **Streamline your data platforms:** Seamlessly integrate SQream into your existing data stack leveraging the Denodo Platform to unify data from SQream and other data sources.

Success Story

One leading global technology manufacturer recently leveraged the SQream/Denodo partnership to overcome significant data migration and analytics bottlenecks, also resulting in better data agility, lower hardware cost, enhanced overall performance, and the ability to run reports that were never before possible.

By offloading its heaviest queries to SQream through the Denodo Platform's unified interface, the company achieved a seamless, accelerated data analytics workflow, empowering the company to make smarter, faster decisions.



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