

Starburst as an embedded query engine

Bring the power of insight to any product, application, portal, or workflow



Embedding Starburst as a query engine in applications and products your organization with opportunities for additional revenue streams, a competitive differentiation, faster time to market, and an enriched customer experience. Product teams and revenue leaders can now be free to do what they do best — create value for their clients, and better margins for their organization.

Starburst makes it incredibly easy for product teams to build and scale custom actionable analytic data apps and with live, highly performant access to data in any location. Starburst as an embedded query engine powers downstream applications to leverage data lake analytics, data federation, ad-hoc and long-running batch queries. Beyond the engine and connectors, customers can also service data products created in Starburst to portals and marketplaces. By seamlessly integrating Starburst into other products and services, customers can leverage the engine internally and externally, opening up new revenue streams and providing a powerful competitive advantage.

Starburst provides an open analytics platform built on the ANSI-SQL MPP open source engine Trino. The capabilities extend the use of the engine to serve means beyond analyzing internal data to drive business decisions. The engine can access any data with our robust connector library, from data lakes, to warehouses, to modern cloud-native technologies that power application innovation and new analytics-driven digital possibilities. We scale not only with your growing data volume, but also as more users access your products and data apps, with the ability to handle ad-hoc queries, and long-running batch workloads. There's no need to worry about your infrastructure or growth hurdles.

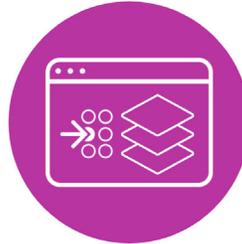
Starburst provides customers the ability to query security logs to investigate incidents and threats across various data applications. With federated queries, the engine can provide historical context to real-time data by showing IoT device metrics over time. Additionally, recommendation engines benefit from Starburst's query engine by incorporating customer data directly from multiple sources.

What makes Starburst unique as an embedded engine is the raw power and speed of the engine itself. Although they are extremely innovative with dashboards and visualizations, business intelligence platforms are burdened by the immense growth in data volume and data sprawl. Despite being developer friendly, existing database architectures are based on data engines that were not built for today's massive, hyperscale data operations. Modern data applications require a modern query engine.



Portals, websites, and marketplaces

Securely provide customers, partners, and other stakeholders with relevant insights into your business ecosystem to optimize processes, drive innovation, and increase the value of your relationships.



Business and data applications

Help users make better decisions by embedding Starburst's connectivity to business applications. Give software engineers and developers the ability to build the best data experiences with powerful data apps.



Commercial products and services

Boost revenue, drive adoption and get to market faster with a best-in-class distributed query engine that adds the insight and context your customers crave. Your products deserve the uptime of a modern engine.

The performance, and reliability, to enable your product growth

Robust connector library

Starburst offers live access to 50+ enterprise data sources including modern and legacy enterprise sources. We deliver data warehouse functionality to all the major data lakes - Amazon S3, ADLS, GCS, and table formats such as Delta, Iceberg, and MinIO. With additional enterprise connectors like Snowflake, Oracle, Azure Synapse, Salesforce, Teradata, and more, you can easily unlock new insights by joining data in the lake with other sources. With enhancements like parallelism, pushdown, dynamic filtering, cost-based optimizer, Starburst provides fast access regardless of source or location.





Don't let infrastructure slow your growth

Starburst Galaxy, a fully-managed distributed SQL engine data platform enables organizations the speed and ability to deploy and access their data in minutes. Once the cluster is created, customers can use it as the backbone to fuel their platforms, products, and data apps. Starburst queries terabytes to petabytes of data from disparate sources at interactive speed. We scale as the number of users accessing the customer's platform grows, with consistent, secure, performance. There's no need to worry about your infrastructure or growth hurdles.



Share high-quality, curated data products

Embedding Starburst as a query engine into processes and workflows is a crucial step in accelerating actionable insights, as opposed to just being data-aware. Data products provide the ability to connect multiple data sources into reusable data sets or connect directly to live data. With our data products API, customers can extend high quality datasets and relevant metadata into portals, marketplaces, products, and applications. It's not about delivering a dashboard, but about delivering the best user experience for a particular data-driven task.



Delivering the security and compliance to bring you to market

All this speed, with the governance and security required for enterprises. Security is always critical, but extending products and services to market exposes new levels of security and risk. Starburst offers centralized and fine-grained control over access to all your data- query auditing, RBAC, ABAC, data masking, encryption in-flight, and more. Customers can comply with various regulatory compliance standards, as Starburst allows you to safely analyze global data across clouds and regions.



EMIS is one of the largest suppliers of electronic health record software in the UK, and serves 10,000 organizations across every major healthcare setting and securely stores millions of NHS records. The challenge for EMIS previously was finding the best way to make healthcare data and analytics available to providers and research organizations, and to do so in a way that's secure, cost-effective, high-performance, and scalable. With Starburst EMIS can now provide the appropriate information governance and data permissions to all customers. Embedded into their EMIS-X Analytics platform, Starburst makes it possible to analyze both primary and secondary care data simultaneously.



To get this kind of information in the past would have involved several weeks of copying and analyzing data. With EMIS-X Analytics, powered by Starburst Enterprise, researchers get the information in almost real-time.

Richard Jarvis, Chief Analytics Officer, EMIS Health