

Starburst for Data Sovereignty

Offering a Unique Approach to Address
Complex Global Data Privacy Regulations

The Challenge

Leveraging customer insights in the face of evolving data privacy regulations

Multinational corporations are increasingly encountering challenges analyzing customer data while remaining compliant with the growingly complex web of data privacy regulations. Tighter oversight of data transfer across supranational, like the European Union's General Data Protection Regulation (GDPR) and national boundaries (i.e. data sovereignty laws) results in silos of customer information that cannot be easily integrated to create a holistic view of the customer base. Access to all relevant customer data is crucial for any analytics team that wants to drive meaningful insights to inform future business decisions. Without the complete picture, your business is operating at a significant disadvantage.

The Solution

Access to all your data without regulatory or compliance risk

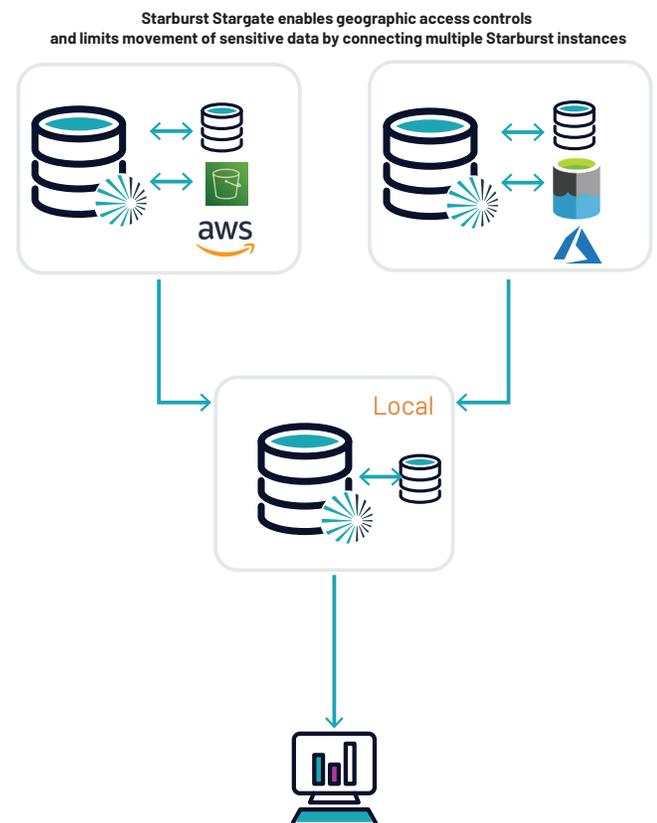
Starburst offers a unique approach to addressing the sensitivity of moving personal data across borders with Starburst Stargate, a solution that connects multiple Starburst instances. By using Starburst to access personal data in a local cluster in the originating country and exporting only results that have all personally identifiable information (PII) removed before connecting to an external Starburst cluster, a company can realize the full benefit of analyzing customer data while remaining compliant with regulations. Starburst Stargate becomes a gateway for access control across geographies and limits the movement of sensitive data when necessary.

The Future

Make improved business decisions in a fraction of the time with universal access to all customer data

Starburst is your single point of access to all of your data globally. Your company can proactively and securely manage PII region by region according to applicable laws and regulations because of Starburst's fine-grained access controls. You can run queries quickly without having to create separate data sets by manually segregating sensitive data. In reducing the need to move data, Starburst offers customers faster time to insight while meeting the most stringent of regulatory standards.

With universal access to all of your customer data, your company will have the visibility it needs to make improved business decisions in a fraction of the time.



Starburst: A distributed SQL query engine with local and global capabilities

Starburst leverages Trino, formerly PrestoSQL, an open-source, distributed SQL query engine, to make better decisions with lightning-fast access to all data, no matter where it lives. Starburst solves for the intersection of ever-increasing data volumes and data consumers. We help our customers de-prioritize data movement while giving their analytics teams consistent, easy, and fast SQL-based access to all their data to support rapid data analysis. We unlock siloed data by providing fast access to any data source with SQL – the query language your team already knows. And, you can keep all the analytics tools you already use.

With the advanced security features we provide a secure, single-point-of-access for all your data consumers to all your data sources.

Starburst Benefits

- Cost control
- Ensure regulatory compliance
- Improved performance and efficiency

The Starburst and Trino Difference - Better data-driven decisions that drive business outcomes

With universal access to all of your customer data, your company will have the visibility it needs to make improved business decisions in a fraction of the time.

Trino eliminates the need to maintain a traditional data warehouse and separates storage from compute, allowing organizations to leverage low-cost storage without sacrificing insights. In addition to tremendous cost savings, Trino improves productivity and time to insight on actionable data, enabling decision makers to impact the business with faster, smarter, data-driven outcomes.

Although they are built on the same basic query engine, there are several important differences between Starburst Enterprise and the open source version of Trino. **With these enhancements from Starburst, enterprises enjoy enhanced:**



Performance: Includes the latest optimizations; Starburst Cached Views for caching capabilities across data sources; improved Parquet reader with 20% better performance over Trino and more



Connectivity: 40+ supported enterprise connectors; high-performance connectors for Synapse, Oracle, Teradata, Snowflake, IBM DB2, Databricks Delta Lake, and many more



Security: Fine-grained, row- and column-level access control; Kerberos, OKTA, LDAP integration; data encryption & masking; query auditing to see who is doing what; plus standard role-based access control (via Apache Ranger)



Management: Enhanced tools for configuration, autoscaling, and monitoring; high availability; easy deployment on anywhere; Starburst Insights for a visual overview of important metrics about your Starburst cluster



Support: 24/7/365 enterprise-grade support from the largest team of Trino experts in the world; fully tested, stable releases; hot-fixes & security patches



Unlock the value of your data with Starburst today.
For more information, contact us at starburst.io