![SQREAM TECHNOLOGIES logo]

To learn more, contact
✉ info@sqream.com

SELECTED USE-CASES

Ad-tech & Personalization

Derive quicker and deeper insights for audience, bid and yield optimization strategies.
Fast ingestion and compression allow for more data to be analyzed in a shorter period of processing time enabling deeper historical analysis.

Finance

Fraud, surveillance, risk, supply chain and trading analytics benefit from more accurate results through the use of more data at significantly less expense and administration.

Telecommunications

Collect and analyze CDRs and IPCDRs in one smart database, to analyze network behavior, network performance, customer trends and mobility, to improve network experience and drive new revenue.

Customer-driven analytics

Enhance your ad bidding and serving with near real-time results, with deeper history – giving more accurate results.
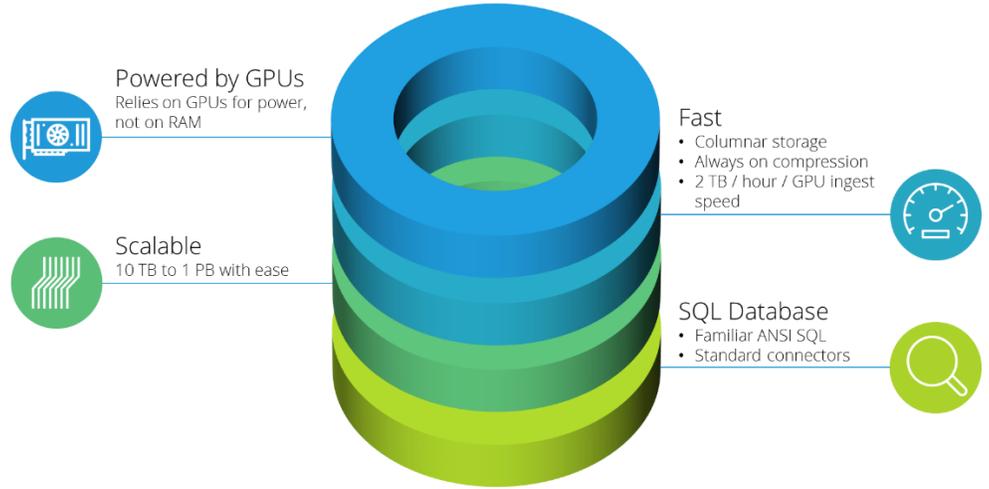Analyze interactions against both fresh and historical data.

Retail

Drive sales with better customer overlap analysis, through deeper historical trends.

SQREAM DB AND TABLEAU

VISUALIZATION FOR BIG DATA, FAST

SQream DB is an analytic database built from scratch, harnessing the unique performance of graphical processors (GPUs) for handling hundreds of terabytes of data.

Powered by GPUs
Relies on GPUs for power, not on RAM

Scalable
10 TB to 1 PB with ease

Fast
• Columnar storage
• Always on compression
• 2 TB / hour / GPU ingest speed

SQL Database
• Familiar ANSI SQL
• Standard connectors

With thousands of GPU cores, SQream DB accesses up to 1000x more compute per square inch, in a standard server box.

Tableau is mature, feature-rich, and makes it incredibly easy to build interactive dashboards. Pretty much any user, with any level of experience can create actionable, reactive dashboards with varying levels of granularity. That's why it's also SQream's go-to tool for visualizing our product.

The integration between SQream DB and Tableau makes use of the ODBC driver, supported natively by both.

By combining SQream DB and Tableau, BI users can now query many terabytes of live data in seconds, instead of long minutes or even hours. Slow dashboards are slowing down your business. More questions answered per hour mean more insights for making better decisions, without slowing you down.

SQream DB	Tableau
• ANSI-92 compliant • JDBC / ODBC / Python connectivity • Fast ingestion speed • Always-on compression • Automatic maintenance • Index-free operation • High availability • Developer friendly Python connectors	• Easy to use • Beautiful dashboards in minutes • Turns data into insights • Helps decision making • Mobile dashboards through Tableau Server • ODBC connectivity to most databases

SELECTED USE-CASES

Speed up your data warehouse

Offload analytics queries to SQream DB to speed them up. Leave your data warehouse to deal with the transactions.

Cybersecurity

Continuously monitor incoming logging data, and detect anomalies as they happen.
Alert and respond to anomalous events before they cause damage.

HLS / Security

Collect hundreds-of-thousands of points per second from a variety of sensors, and perform geospatial queries to identify threats.

IoT / M2M

Monitor consumption in utilities, perform anomaly detection, and improve your network behavior. Respond to maintenance events before they cause damage.

THE SQREAM BENEFIT

- Performance at scale
- Increased data scientist productivity
- More insights from more data
- Significant cost savings
- Operational efficiency
- Simplified administration

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Telco analytics on 33.7B events, querying raw data directly off SQream DB

SQream DB's architecture harnesses the readily available power of thousands of parallel processing cores in a cost-effective GPU, to compete with and overtake standard and MPP (parallel) DBMS solutions, running on hundreds to thousands of expensive general-purpose processors, distributed over dozens to hundreds of compute nodes.

SQream DB is designed with simplicity in mind, to fit in almost any IT environment, and usable by anyone with even basic SQL knowledge.

BI professionals and data scientists love the speed and flexibility, management loves the positive impact on the top and bottom lines.

HOW CAN I GET SQREAM DB?

☁ Cloud — SQream DB runs on the cloud, in a variety of environments - from IBM Bluemix or Amazon AWS (P2 instances).

⇕ Hybrid — SQream DB can also be installed on-premise, in a single server. SQream DB grows with you - we scale up, before scaling out. Add more GPUs in the same box for better concurrency.

▦ On premise

With over 40 TB available for analysis in a single 2U machine, SQream DB has the best footprint efficiency of any database solution.

ABOUT SQREAM TECHNOLOGIES

SQream Technologies delivers a high-performing next generation GPU-powered analytics database for extra-large data sets.
SQream DB uses GPU technology to improve the performance of columnar queries by at least 20x on large data sets, while at the same time reducing the hardware required to perform the query. Typically a single 2U server equipped with NVIDIA K80 GPUs is equivalent to a 42U rack full of servers.