

# SQream and Hitachi Vantara

## Deliver Solutions for Enterprise-scale AI/ML & Big Data Applications



SQreamDB is an SQL based analytics platform designed for accelerating petabyte-scale time-sensitive business insights. From ingestion to query, SQreamDB allows customers to perform complex analytics on a petabyte-scale of data, faster than any other solution. SQreamDB works on-premises or on private cloud allowing linear scalability, accelerated by GPUs, minimized time to insight, reduced TCO and fewer hardware.

HCSF (Hitachi Content Software for File) makes it easier and more affordable for clients to leverage the economics and scalability of object storage. By integrating with HCP object storage, this powerful solution removes the complexity and expense of having to scale with expensive NVMe or manage complex data silos.

## To win with data, you've got to Ask Bigger

Enterprises win with data. To win with data, you've got to Ask Bigger. You will always have these use cases that can't tolerate latency, those models otherwise you would just lose relevance.

Those use cases would often require the following to meet different needs:

- Operating with data in the tens, hundreds of terabytes or even petabyte-scale.
- Dealing with most complex and demanding queries.
- Costly investment in a never-ending amount of compute and disparate storage.
- Spending more time on ML model building and testing, and not on data preparation.

Until now, these use cases were off-limits. For this exact reason, SQream and Hitachi help you address these challenges. Offering an easily scaled analytics data platform for enterprises that want to Ask Bigger, take advantage of their big data and use it for better business results. SQreamDB with Hitachi Data Platform scale linearly, while maintaining as much as five times faster performance than the competitors for much less hardware and TCO.

# Success story | Manufacturing | Consolidating **all** production data at peta-scale and reducing prep time by 99%

A major global manufacturer enable fault detection and classification via artificial intelligence and high-performance computing machine learning applications. Using Hitachi Vantara storage systems and SQream for rapid and complex analytics, the manufacturer was able to ingest and continually analyze a multi-petascale database composed of manufacturing machine sensor events, ingested to tens of thousands of tables. This led to a significant improvement in Overall Equipment Efficiency.

## Technical results:

1. **99% reduction** in preparation time for AI environment
2. **88% DOWN** in report generation time
3. Data transmission capacity **increased 10 times**

## Business results:

1. **1/10 costs** in data collection/loading
2. Increasing yield from 50% to 90% in 9 months
3. Executives data-driven decision making

## Next steps:

For organizations that base their business on data insights and need to make time-sensitive decisions, SQream and HCSF is the perfect combination for big data analytics. We are excited to offer a complementary technical consultation looking at your current and future needs and propose a proof of content.

To learn more on how to deploy SQream or run a proof of concept, contact [info@sqream.com](mailto:info@sqream.com) or visit <https://SQream.com>

## About SQream

SQream makes it possible to ask bigger questions of extremely large, complicated data sets. With no off-limits questions, analysts get unprecedented new insights at exceptional speed. For too long, high costs and complexity have caused big data projects to fail at an alarming rate. To succeed, companies need a shortcut for asking bigger data questions to make better decisions.

With SQream, you can finally “Dig Deeper, Go Faster, and Reach Anywhere” so you’re able to ask those bigger questions. This is why organizations ranging from fast-growth startups to Fortune 100s all rely on SQream. Ask Bigger.

For more information go to [www.sqream.com](http://www.sqream.com).