ARCULES INC.
Scaling Video Surveillance and Analytics Platform

Google Cloud partners with SingleStore to support Arcules' cloud-native security platform, providing scalable infrastructure, data storage, and real-time analytics for optimal performance and insights.

The challenge
Before partnering with SingleStore, Arcules faced challenges in managing high-volume data streams from video surveillance systems. Their existing database struggled with real-time ingestion, processing, and analytics, leading to latency issues and suboptimal performance, hindering scalability and their ability to offer effective security and insights solutions.

The solution
SingleStore and Google Cloud partnered to enhance Arcules' security platform. Using Google Cloud's infrastructure, SingleStore provided a scalable database for real-time data ingestion, processing, and analytics, optimizing performance and enabling Arcules to manage high-volume data streams effectively.

The results
By partnering with SingleStore and Google Cloud, Arcules achieved real-time analytics, reduced data latency, and increased platform scalability. This collaboration enabled enhanced security and insights solutions, better supporting their global customer base and resulting in a more efficient, robust infrastructure.

> **"** "The cost in relation to the scaling with SingleStore seemed like the best bang for the buck." **"**
> Benjamin Rowe, Cloud and Security Architect, Arcules

About Arcules Inc.
Arcules, part of Canon Group, creates user-friendly, affordable security surveillance & insights solutions. Founded in 2013, its cloud-native platform unifies data from various devices. Ideal for multi-site services, it offers analytics for operational insights, accessible via web or mobile apps
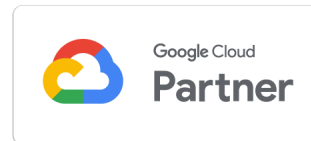
Industry: Software & Internet

Primary project location: United States

About SingleStore, Inc.
SingleStore is a modern relational database for cloud and on-premises that delivers immediate insights for modern applications and analytical systems

Products
Google Cloud Platform