# SILK

Case Study

# Soccour Solution Achieves 40-60% Faster Performance with Silk

## SOCCOUR SOLUTIONS

**WHO:**

Soccour Solutions is a Dallas-based Business Solutions Provider

**CHALLENGES:**

Needed a flexible SaaS solution for clients during COVID-19 pandemic that met high-performance requirements

**SOLUTION:**

The Silk Platform is a high performing, flexible solution that decouples data from underlying infrastructure

**BENEFITS:**

40-60% faster performance

## Business Challenge

Soccour Solutions is a Dallas-based Business Solutions Provider. One of its clients creates seismic and geological interpretation software for the oil and gas industry. When analyzing where to drill, any mistake can cost thousands of dollars. This software makes it possible to quickly and confidently analyze geoscience data, ensuring that the oil and gas companies are able to successfully find and drill oil while reducing unnecessary costs.

The software suite is typically run via an on-premises, physical workstation. However, because the COVID-19 pandemic requires more workers to stay home, the customer wanted to offer the flexibility of a SaaS solution that could run on the major public cloud vendors. The one thing the software required was a high-performance solution to meet the software's 3D visualization demands and to run high volumes of data.

## Silk on AWS

Soccour decided to take the Silk Platform for a spin to see if it was able to offer the high-performance that its client's software needed. Silk's high performing, flexible solution decouples data from the underlying infrastructure so that it can be easily moved from on-premises to the cloud or from one cloud provider to another. This flexibility means that Soccour is able to leverage the Silk platform across its client base while continuing to meet each client's individual needs.

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>
> David Duncan
> Principal Solutions Engineer,
> Soccour Solutions

## Results and Next Steps

40-60% faster than on-premises physical workstations, Silk instantly proved its ROI for Soccour's client. "It used to be that the users would fire up the data loading process on the software, walk away, grab coffee, do some water cooler talk, and then come back an hour later to find the data loaded," David Duncan, Principal Solutions Engineer at Soccour explains about the software's performance when it was run from an on-premises physical workstation. "On native AWS, we were seeing a maximum speed of 1.6MB/s. But with Silk on AWS, we saw 400MB/s. That increase in speed really is incredible!"

The additional burst of speed means that software users will be able to see the results of oil and gas explorations faster and allow excavations to get underway quickly to meet market demands.

"With the current economic environment, where cloud is more of an option with people working from home, we know other clients are going to need this solution. We're thrilled to be able to bring them a product that we trust," says Duncan.

Visit www.silk.us to learn more about leveraging the Silk Platform on AWS.

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**Silk is the database supercharger** – the smart platform that delivers game-changing database performance without changing a thing about your underlying apps or database infrastructure, whether you're running real-time transactional workloads or analytical workloads – so your entire stack runs 10x faster. And with always-on availability across regions, zones, and clouds, your databases keep going strong no matter what the cloud throws at you. Industry leaders like Priceline, Cisco, and Telefonica rely on Silk for unlimited cloud flexibility, unbreakable data resiliency, and the greatest database performance of their lives.