

Case Study: Replicating Studio Repositories in Real-Time

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Enabling Seamless Replications for Studio

Enabling your Petrel and Techlog users with high-performance access to their Studio repositories regardless of the user's location.

Suncor's pursuit for workforce collaboration:

**Extend the power of Studio
Thru Global Collaboration**



Suncor Energy is a Canadian sustainable energy company, with a vision to be Canada's leading integrated energy provider. With global operations and petrotechnical experts located in various locations around the world, Suncor intends to utilize their best minds on the projects required for their business. Previously accessing data between locations would involve delays in copying data through the network and this resulted in constrained collaborations between team members in remote locations. These delays in data transfers resulted in conflicts between the locations which required

timely manual resolution. Utilizing remote connections between locations resulted in duplication of workstations required, deficient network performance and reduced application experience for the users.

What has Suncor achieved?

Suncor has enabled their users to access the same data regardless of their geographic location. Suncor provides the tools for their workforce to instantly share, and access data created in Petrel, an earth modelling software created by SLB. The users can publish their work in Petrel to a Studio repository, a collaborative database for Petrel. Studio replication allows local users to share their work to colleagues in other remote locations.

Studio data is replicated in near real-time, arriving within seconds to another location.

This allows Suncor experts to collaborate efficiently regardless of their geographic location.

How was this achieved?

Using the CloudReplica Virtual-Move technology, the Studio repository in each location is replicated in real-time to the other locations requiring the data. This process of transferring the data provides Suncor with the following benefits:

- Removes a manual copy process which was taking hours or days.
- Data locally accessible with high performance to the users.
- Studio Repository level bi-directional synchronization
- Maintains bidirectional repository consistency in near real-time.
- Ultra durable connection so it always knows "where it's at"
- Reestablishes itself if connection is lost and then catches back up.
- Automated conflict resolution with multiple available configurations.
- Ideal solution even in poor network environments experiencing high latency.

Client Feedback:

Integrating the CloudReplica Virtual-Move technology into our workflow has been transformative for Suncor. We now experience seamless, near-instantaneous data replication across our global locations, ensuring our petrotechnical teams can collaborate effortlessly in real-time, regardless of their geographic location. The days of tedious manual data transfers and conflicts due to data inconsistencies are behind us. – Fred Zillman

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