

Mine Canadian Malartic ensures continuous production operations by eliminating single points of failure thanks to **StarWind Virtual SAN (VSAN)**



About the Company

Mine Canadian Malartic is a prominent gold mining partnership situated in Malartic, Quebec. The company boasts a workforce of approximately 1500 individuals dedicated to maintaining its position as a leader in the gold mining sector.

Industry

Gold Mining

Location

North America (Canada)

Solution

StarWind Virtual SAN (VSAN)

"All is working perfectly, and we are able to make updates and upgrades without any cuts on our current production, where StarWind works 24 hours a day, 7 days a week."

Serge Blais,
Company Representative

Challenge

Before StarWind Virtual SAN (VSAN) deployment, Mine Canadian Malartic's IT infrastructure, supporting 900 user computers and 100 virtual servers crucial for production, faced significant hurdles. With 8 different cold storage systems, 2 SAN units, and VMware ESXi on top, the existing setup lacked real-time synchronization with disaster recovery sites and suffered from a single point of failure (SPOF). Additionally, updates and upgrades couldn't be performed without disrupting production, posing operational risks.

Seeking an affordable alternative to VMware's pricey options, the company turned to StarWind VSAN for its affordability and promising features.

Solution

By implementing StarWind VSAN, Mine Canadian Malartic achieved dual-site real-time synchronization, eliminating SPOF and providing data integrity. The dual-site synchronization ensures continuous data availability and disaster recovery readiness. Moreover, the solution enabled seamless updates and upgrades, allowing for uninterrupted production operations.

Encouraged by the success of the initial deployment, Mine Canadian Malartic plans to extend StarWind's implementation to upgrade two additional sites. The company is committed to leveraging StarWind's reliability and performance to enhance its overall IT infrastructure.