

Assureon®

The Immutable Protector in a \$5 Million Ransomware Attack



In the financial sector, data is a pivotal asset, and protecting this asset is crucial for maintaining business continuity and regulatory compliance. A Canadian real estate investment trust understood this imperative when it partnered with us in 2012 to fortify its data infrastructure. **They required a robust storage solution that managed large volumes of production data and adhered to the stringent audit trails mandated by Canada's Securities Act.**

Our Solution

A dual-site replicated Assureon, epitomizing redundancy and high availability.

Roll the clock forward 11 years, and their foresight is nothing short of remarkable. For less than \$375,000 total lifetime cost over 11 years, this Trust bought itself what's essentially a "data insurance policy" with the Nexsan Assureon that proved priceless when the BlackCat ransomware attacked in the early morning hours of Sunday, November 12, 2023, demanding \$5 million and rising by \$500,000 every 15 minutes.

The Assureon system served as a reliable and immutable data protector from the ransomware attack, ensuring the integrity and accessibility of the Trust's data.

The Nexsan Customer Support team took action beginning at 7:30 AM to secure critical data. By 10:08 AM - just over 2.5 hours - the Assureon-protected data was securely transferred to an isolated drive, further insulating it from threats. This unfortunate event clearly demonstrates the tangible benefits of investing in our advanced data protection measures, such as Assureon's immutable storage.

The Trust's foresight to deploy such resilient security measures validated the concept that the right technology investment is indispensable and, ultimately, cost-effective. This incident underscores the unmatched reliability of Nexsan's storage solutions in safeguarding against modern cyber threats, reinforcing our commitment to delivering enterprise-class storage solutions that ensure our clients' peace of mind.

Assureon Overview

Assureon®, Nexsan's immutable storage solution, is engineered for organizations prioritizing the absolute safeguarding of their data against cyber threats and ransomware. Assureon ensures adherence to regulatory compliance, proficient long-term archiving of unstructured data, unbreakable backups, and primary storage optimization.

Designed to integrate seamlessly with existing IT infrastructures, Assureon requires no additional training or alterations to current data access methodologies. Assureon safeguards digital assets through sophisticated file fingerprinting, serializing each unique asset, authenticating metadata, employing a secure private blockchain, and utilizing an advanced data verification algorithm. The outcome is a storage environment that provides IT professionals with a dependable, tamper-proof repository.

ABOUT NEXSAN

Nexsan® has been a global enterprise storage leader since 1999, delivering the most reliable, cost-effective, and highly efficient storage solutions. Nexsan's solution portfolio empowers enterprises to securely store, protect, and manage valuable business data with a broad product line of all-flash NVMe, unified, high-density block, and immutable storage. www.nexsan.com