

Case Study



Meet the backup window and reduce storage costs.

With FalconStor technology, Discovery Solutions was able to modernize their IBM i environment, reduce the backup window with a deduplication ratio of 70-to-1, eliminate the need for physical tape, and improve storage efficiencies.

Profile

Discovery Solutions is a software as-a-service (SaaS) solution provider offering best-in-class enterprise resource planning (ERP) systems for the oilfield service and supply industry, including its flagship Discovery Management Software (DMS) system. The company is dedicated to providing solutions that improve administrative capabilities, reduce costs, and enable efficient business operations for customers.

Environment

- IBM i
- Microsoft Windows

FalconStor Solution

- Virtual Tape Library with Deduplication

CHALLENGE

Serving customers ranging from small private operations to billion-dollar enterprises, Discovery Solutions has an IT staff of 10 that oversees the company's main data center in Alberta, Canada and a disaster recovery site several miles away. With limited personnel serving a growing customer base, the company needed a way to streamline its labor-intensive backup processes, reduce backup windows, and increase data efficiency.

SOLUTION

The FalconStor Virtual Tape Library with Deduplication solution was chosen for its ability to replicate data quickly, improve backup and restore speeds, and eliminate duplicate data. The open architecture provided a huge competitive advantage by supporting the company's IBM systems and diverse connectivity protocols. Since its implementation, the FalconStor solution has enabled Discovery Solutions to reduce duplicate data by as much as 70-to-1, improve storage efficiencies, eliminate the need for physical tape, and minimize the risk of data loss and damage.

FalconStor technology provides Discovery Solutions with the freedom that comes from peace-of-mind. The IT team no longer fears losing data due to tape malfunctions and is free to work on additional projects.

OBJECTIVES

- Reduce daily backup windows
- Eliminate manual tape handling for offsite storage
- Increase data efficiency by introducing data deduplication

RESULTS

- Fast backup and recovery; full restores at the file and server level
- Eliminated physical tape backup, offsite storage, and associated data security risks
- 70-to-1 deduplication ratio reduced storage requirements

“With FalconStor we are seeing a 70-to-1 deduplication ratio. It has already paid for itself.”

- Mark Boudreau,
Vice President of IT Infrastructure,
Discovery Solutions

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