



# Wier & Associates, Inc.

## Case Study

**THE PROBLEM:** Wier & Associates traditional on-premises data center failed to maintain availability and durability. With a limited budget, they required a modernized solution to their on-premises storage and backup.

**THE SOLUTION:** Softchoice helped Wier & Associates seamlessly migrate their traditional data center to a hybrid IT solution with AWS and CloudBerry.

**THE BENEFIT:** Wier & Associates put in place a scalable AWS solution to achieve backup and recovery time objectives in line with their business requirements while converting CapEx to OpEx.

## THE PROBLEM

Wier & Associates, Inc. is a consulting firm established in 1978, providing civil engineering, land surveying, and land planning related services for various types of clients and projects. Their mission is to enrich the communities they are involved in as well as enhance the success of their clients.

To continue to provide quality and expertise to their customers, their employees needed the tools to deliver outstanding service. Having access to data in real time with limited risk of data loss and IT system failures was a step to continuous improvement for Wier & Associates, Inc.

With the exponential growth of their data, their traditional on-premises data center failed to maintain availability and durability. It was time to consider a new approach to their storage and recovery as well as stay within their allocated budget.

As an alternative to purchasing additional on-premises storage infrastructure, Wier & Associates reached out to their trusted partner, Softchoice to help them with a hybrid IT data center solution.

**“The move to incorporate AWS into our primary off-site backup was easy, straightforward and took very little effort to make happen. As we move forward into more cloud base functions, AWS will always be our starting point.”**

## THE SOLUTION

With over 250 cloud migrations, Softchoice helped Wier & Associates modernize their data center by choosing the right cloud provider for their business as well as implemented a simplified backup and recovery strategy.

Softchoice recognized that Amazon Web Services (AWS) offered the correct storage solutions for Wier & Associates. While also leveraging CloudBerry Managed Backup in their on-premises data center as a gateway to AWS, they were able to seamlessly sync their frequently accessed storage to Amazon S3 and execute Amazon Glacier for data archiving.

Once the solution was in place, Wier & Associates took advantage of Softchoice’s Keystone Managed services for ongoing support, on-demand configuration mentorship, and cost optimization.

## KEY SOLUTIONS IN THE PROJECT

### AMAZON S3

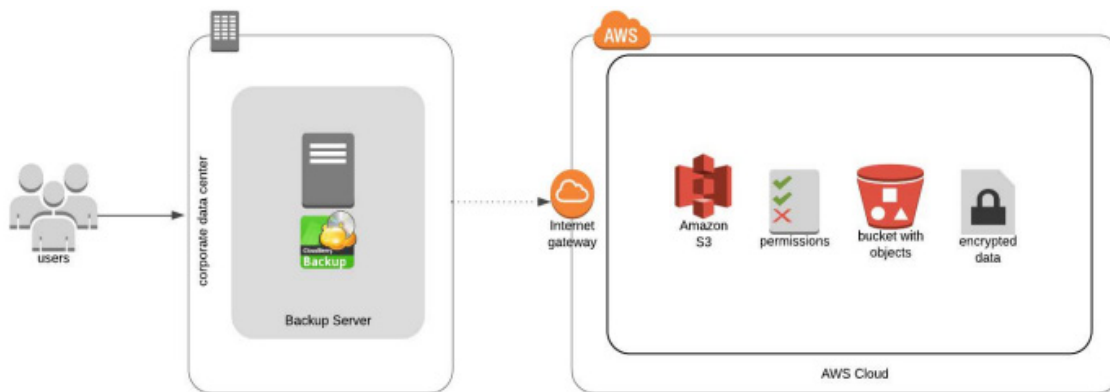
Amazon Simple Storage Service is an object storage service that offers industry-leading scalability, data availability, security, and performance. This means customers of all sizes and industries can use it to store, protect and quickly retrieve any amount of data for a range of use cases.

### AMAZON GLACIER

S3 Glacier is a secure, durable, and low-cost storage class for data archiving. You can reliably store any amount of data at costs that are competitive with or cheaper than on-premises solutions. To keep costs low yet suitable for varying needs, S3 Glacier provides three retrieval options that range from a few minutes to hours.

### CLOUDBERRY

CloudBerry for Amazon S3 provides a user interface to Amazon S3 accounts allowing to access, move, and manage files across your local storage and Amazon S3.



## THE BENEFIT

Softchoice and AWS helped Wier & Associates modernize their on-premises data center, enabling them to reduce their Recovery Point Objective (RPO). Previously their data was backed up every 24 hours, with AWS and Cloudberry, their backups are now completed every 2 hours, ensuring only tiny amounts of data could potentially be lost during a disaster recovery incident. Their Recovery Time Objective (RTO) was also significantly reduced by 70%, guaranteeing they are always back up and running with little to no downtime after a data loss event.

The new modernized solution helped Wier & Associates seamlessly backup over 10TB of data yearly while also run 100 transactions per month with zero errors. "We are saving around 60-80 hours a per year in operations time, and the new solution helped us improve our performance by 80%" – Casey York, IT Manager, Wier & Associates.

In summary, Wier & Associates put in place a scalable solution to achieve backup and recovery time objectives in line with their business requirements while quickly converting capital expenses from a traditional data center to operating expenses. In addition, they were able to simplify data availability and integration all while managing IT costs and reducing risk.

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