

The Bank of Glen Burnie is one of the largest Independent Banks in Maryland (NASDAQ:GLBZ). With 8 offices servicing the State of Maryland, The Bank of Glen Burnie is a leading provider of banking services, internet banking and is well known for their attention to detail and customer support.

REQUIREMENTS

The Bank of Glen Burnie was challenged by increasing amounts of data at its main branch location. They were using a tape-based tape based backup system that had reached its limit and was no longer able to handle the amount of data that needed to be backed up. They also needed a faster method of backing up their data because it was taking them more than an entire night to complete all their backups. The bank relied on their data and something needed to be done.

They were considering purchasing another tape based unit, but this solution was not optimal. First off, the bank realized that if their data continued to increase at the same rate, that they would eventually outgrow that unit as well. They could have purchased a large tape autoloader that would have been able to handle the future data growth, but this solution was not cost effective. Not only was the cost of the equipment beyond their available budget, but the annual cost of media was cost prohibitive. The bank had a policy of replacing tapes every 6-9 months due to not trusting the reliability of old tapes to be able to restore and have reliable data. The added cost of replacing these tapes would have put even more stress on their annual IT budget.



Other than tape as an alternative, the bank was considering backing up using disk based backup or NAS. The NAS solution met many of their needs because it was able to hold large amounts of data and was able to quickly backup their data at a speed that would enable them to run a full backup every night. The only issue with this solution was that tape was still required to take their data offsite. Because they were a financial institution, the bank had offsite data storage requirements that needed to be adhered to. Because AS meant continuing to use tape the Bank of Glen Burnie decided that this solution was also not going to be the right fit for their needs.

THE SOLUTION

The Bank of Glen Burnie implemented Idealstor's 4 Bay backup appliance. The 4 Bay allowed them to quickly backup their data in a much shorter time. The 4 Bay was also able to easily store the increasing amount of data they were backing up and still have the scalability and room for growth to back up additional data.

Idealstor enabled the bank to backup their 300GB Database and 75GB additional data from their SQL, Exchange and File Servers onto one appliance. The 4 Bay is capable of running simultaneous backups to all 4 drives. This enabled the bank to segment their backup traffic to backup specific servers to specific drives. The bank is now able to backup their data in half the time than it took before. The Idealstor Backup Appliance easily integrated into the bank's backup environment by using their existing Backup software without having to upgrade or change software.

The bank also now has a scalable solution that has the added storage capacity they need as their data grows. The 4 Bay can backup up to 1.6TB native and 3.2TB using compression (Assuming 400GB capacity IDE drives). This can easily handle the amount of data the bank has and provide ample room for growth. The Idealstor can be used as a NAS device by leaving the drives in the system, but can also used as the offsite storage media. The Idealstor drives can be ejected and taken offsite just like tape. The bank uses this functionality to take the drives offsite and adhere to their offsite data and disaster recovery requirements. The Idealstor drives also come with a manufacturer's warranty of 3-5 years and are designed for mean time to failure (MTTF) of 1 million hours. This has saved the bank a large amount of money and allowed the bank to use these drives indefinitely instead of replacing the drives every 6-9 months like they would with tape.

Idealstor addressed all of the requirements identified by the Bank of Glen Burnie:

- ⊙ **Scalable Solution** - The Bank of Glen Burnie saved time and now has a backup appliance that will grow with their increasing amounts of data without having to make additional investments in storage hardware.
- ⊙ **Cost Effective Solution** - The 4 Bay solution provides them with the functional equivalent to a 1.6/3.2TB tape library at a much more reasonable price. The bank also saves considerable money on an annual basis by not having to replace tape media.
- ⊙ **Offsite Data Requirement** - The Idealstor drives can be ejected and stored offsite allowing the bank to meet their regulatory requirements of storing data offsite.