

CASE STUDY

Security Bank of Kansas City

INDUSTRY: BANKING

APPLICATION: DOCUMENT
IMAGING

INTEGRATOR: JACK HENRY &
ASSOCIATES

SOLUTION: PEGASUS SOFTWARE
& PLASMON UDO STORAGE

The Organization

Security Bank of Kansas City is part of a multi-bank holding company located in Wyandotte County. Managing a high volume of bank records, financial reports and customer transactions, Security Bank uses a document imaging system from Jack Henry and Associates called Silhouette -- integrated into their core imaging software system.

The Problem

Although originally committed to Silhouette, using write-once optical technology, recently other document imaging vendors have tried to persuade Security Bank to switch to hard disk technologies (RAID). Having worked for more than 25 years in the financial industry, Dean Foster, VP of Data Processing for Security Bank, questioned these vendors about archival quality and the backup of images placed into RAID systems, as well as future growth capacity within a fixed disk technology. Needless to say, these were questions the RAID vendors were not well equipped to answer, with the selling point for RAID vendors traditionally being retrieval speed. This dilemma prompted Foster to launch his own in-depth analysis of what was truly needed for his application.

Considerations

"We decided that the archival quality issue was as important as retrieval speed," states Foster. "We reviewed all of the documents that would be stored in the system and how often they would require retrieval. The Silhouette software allowed us to define, at the document level, how long documents are maintained in cache (disk storage). It also writes ALL documents to archival media on a daily basis, which convinced us to stay with the Silhouette product. We then configured a system that uses both RAID and write-once optical technology, with some documents retrieved from RAID and others from optical platters."

*"UDO gives me
the confidence that
the documents will
be there ..."*

Dean Foster
VP, Data Processing
Security Bank of Kansas City



*Security Bank of Kansas
City selected Pegasus and
UDO Archival Storage for
mission-critical documents.*

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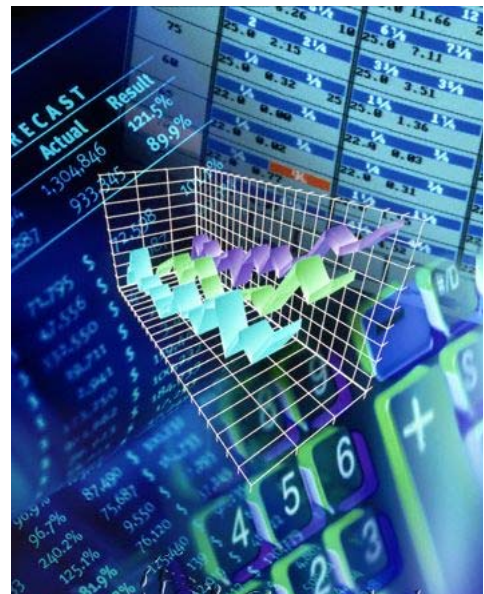
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The Solution

When Foster reviewed available write-once optical storage options, he was very excited about a technology available from Plasmon, Ultra Density Optical, (UDO™). Since the Silhouette software worked with Pegasus InveStore, UDO was a supported option within the system already being used. Not only was the capacity great, at 30GB per platter, the growth potential of the technology was impressive, with future higher capacity platters (60GB, 120GB) supported by a simple drive change in the library when the next generation is available. The retrieval speed was noticeably quicker with UDO. "As with other types of write-once storage, UDO gives me the confidence that the documents will be there even if there is something wrong with the data stored on RAID." The removable aspect of optical also gave Foster a clear solution for disaster recovery and contingency planning. "If we are going to put all of our documents in this system, it then becomes a mission critical application in our recovery process. Our software creates a backup of each platter on a second platter daily, which is stored offsite. We put another library at our recovery site in the event of a primary failure." With the high capacity of the UDO platters, Security Bank installed a much smaller library at the redundant site to make this application immediately available from the backup platters during a recovery process, thereby saving the company additional cost in their DR planning.

Conclusion

As a result, Security Bank has continued to use optical archival technology for long term storage of their mission-critical data, selecting Plasmon's Ultra Density Optical (UDO) solution over proposed RAID technologies. Meeting key requirements, Plasmon's compliant storage solution provides Security Bank with an extremely low Total Cost of Ownership (TCO), high Return On Investment (ROI), quick access, secure long-term storage, and redundant back-up for disaster recovery.



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