

Major State University Says ProStor's InfiniVault Passes the Test

The first state university to deploy the ProStor InfiniVault is one of our nation's leading research universities with world-class research in infectious disease, atmospheric science, clean energy technologies, and environmental science.

Last year, this university awarded degrees to more than 5,000 graduates, and attracted nearly \$300 million in research funding. In addition to its excellent programs, the university offers among the very best professional programs in the United States in veterinary medicine, occupational therapy, journalism, agriculture, and construction management. The state university is ranked in the top tier of universities in U.S. News and World Report's rankings of "America's Best Colleges and Universities," while Kiplinger's Personal Finance Magazine named them as one of the top public universities in the United States in terms of educational quality and affordability.

Company Infrastructure and ProStor's InfiniVault

As a large, public university, they have a number of IT organizations which are responsible for different areas of their IT infrastructure. One group is responsible for much of the administration work on campus including finance, HR and admissions. Previously a mainframe environment, this organization is in the latter stages of a transition to an IBM AIX environment with some Linux.

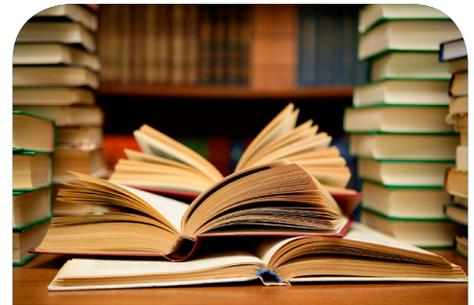
The university's desire is to keep a tiered storage approach in the data center, using ProStor's InfiniVault as a secondary tier for archived data. Some applications, especially those that generate static data, could be targeted to write directly to ProStor's InfiniVault in the future.

There are several features of ProStor's InfiniVault that are attractive to the IT team including:

- The RDX removable disk cartridge, especially the ability to use higher capacity cartridges as they became available without any forward compatibility or forward migration issues.
- The economics of adding a single new removable disk cartridge to the system as needed, versus buying a new disk array.
- The ability to address any future regulatory requirements imposed by the state or the university's own business processes. While not something the IT group has to contend with today, they expect that they will need to meet compliance regulations in the future.
- The built-in security of the ProStor InfiniVault system, including its WORM file system. With more and more data security requirements, the team views the ProStor InfiniVault as a more secure solution than other archiving options.

The first application for ProStor's InfiniVault system is storing re-

ports generated by their Enterprise Information Management software. They have developed a policy to archive these reports to the ProStor InfiniVault system as they



Organization:
Major State University

Application:
Data and Report Archiving

Solution:
ProStor's InfiniVault Model 30

Software:
Enterprise Information Management Basic System Utilities

age. They will also store some of these reports directly to the ProStor InfiniVault without going to expensive primary storage.

Another application for their ProStor InfiniVault system is to archive several terabytes of files that have not been accessed in six months or more. This data is from individuals that are no longer associated with the university and includes home directories and other data, including reports provided to various university organizations. Recent and active

reports remain on primary storage, but are archived to ProStor's InfiniVault using various system utilities to reclaim primary storage and lower costs.

ProStor's InfiniVault also is storing many years' worth of server performance data. This information is static and is used for planning and evaluation activities on an irregular basis, so it does not need to be stored on expensive primary storage.

ProStor's InfiniVault Benefits

Although still early in the production phase, the university has identified some important benefits from their ProStor InfiniVault system including:

- The ability to reclaim a significant amount of primary storage by archiving static data. Several

administrators and DBAs have needed space on their primary storage and the relocation of static data through archiving is an excellent way to acquire it.

- The improved economics around managing data. Instead of buying expensive primary storage a system at a time, they will be able to buy less expensive removable storage one cartridge at a time.
- The ability to meet any future regulations on storing and preserving data. ProStor's InfiniVault is flexible and secure enough to allow them to deal with any regulations that appear in the future. In fact, this is the key benefit that led to the selection of ProStor's InfiniVault system.
- Better security of their archived data along with faster retrieval times of data when require

Conclusion

The list of existing uses for ProStor's InfiniVault within this public university is long and varied. Multiple organizations within the university are evaluating the initial ProStor InfiniVault implementation to determine their direction and plans for archiving.

"We have really just started extensive transitions in our data center applications and processes, many of which will benefit by archiving old and new data to the ProStor InfiniVault," said a university AIX system administrator. "I'm very excited to find a data preservation system that can inexpensively grow with our data without any forward compatibility issues."



The InfiniVault Product Family