

Pine Bluff Dumps Backup Load onto the Idealstor 4 Bay Backup Appliance

The Pine Bluff Chemical Agent Disposal Facility (PBCDF), located in Southeast Arkansas, is one of several chemical demilitarization sites in the United States dedicated to the most comprehensive worldwide disarmament initiative ever negotiated. The PBCDF has contracted out certain components of their IT infrastructure to the Science Applications International Corporation (SAIC). SAIC was responsible for numerous projects, one of which was handling the backup needs of an upcoming document imaging project.

Situation

SAIC was in the process of setting up a document storage solution to digitize all of the PBCDF's paper documents and fast backup times and cost were the key drivers in this project. This project would require almost a terabyte of data storage to backup documents every night. SAIC was responsible for backing up this data and needed a solution that would back up the data in a short backup window and meet the budgetary requirements of the project.

Solution

SAIC purchased the Idealstor 4 Bay Backup Appliance to handle the backup needs of the Pine Bluff Chemical Agent Disposal Facility.

Benefits

Using Idealstor SAIC was able to quickly backup 2 TB of data nightly and quickly restore the data using Idealstor Removable Disk to Disk Technology. SAIC was able to save time and money by not having to use a Tape Autoloader that would have required the daily use and changing of multiple tapes per backup.



U.S ARMY
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Solution Overview

The PBCDF needed to implement a document storage solution and the end result was going to be about 2TB of nightly backups. SAIC chose Idealstor over an alternative tape based solution because Idealstor handled all the needs of the project.

David D. Lausten, Information Systems Manager working for SAIC at Pine Bluff, worked with Idealstor to implement this solution. After the implementation, David provided the following testimonial. "We were in the process of setting up a document storage solution to digitize all of our paper documents and would require almost 2 terabytes of data storage to backup every night. We purchased the 4 bay Idealstor backup system with 4 1 TB Hard Drives. A 1 TB Hard Drive can be purchased for approximately \$ 199.00 ea (\$ 199.00 x 4 Hard Drives = \$ 796.00) which will give us up to 4.0 TB native or 8.0 TB compressed we required. With the current tape system that we used each tape costs approximately \$ 50.00 each and only stored up to 35 GB Native 70 GB Compressed. In order to get the same capacity as the new Idealstor System we would have required 30 Tapes (30 Tapes x 35 GB = 1.0 TB) (30 tapes x \$ 50.00 ea= \$1,500.00) making it both impractical and costly. That is not even counting the time required to backup and Restore. Our backup times and restore times were cut down over 3/4 of the time. No more having to listen to the tape whir back and forth to retrieve your file. Restore times are almost instantaneous it was amazing."

Idealstor solved SAIC's and the Pine Bluff Facility's budgetary and logistical needs of backing up 2TB of data nightly. This solution saved both time and money and was able to allow SAIC and the PBCDF to focus on more important matters.



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