

CUSTOMER SNAPSHOT

Organization Profile

The Center for High Performance Computing provides large scale computer sources to facilitate advances in the field of computational science at the University of Utah. CHPC is located in the INSCC building and is responsible for the operation, maintenance and upgrade of the facilities housed in INSCC.

Industry

Education

Solution

Arkeia Network Backup

University of Utah Center for High Performance Computing

Arkeia in Tandem with IBM Library Architecture

Protecting data on a complex network requires professional enterprise-class hardware and software, which is exactly what you get when combining Arkeia's award-winning data protection solutions with a versatile hardware architecture from IBM.

The Center for High Performance Computing at the University of Utah has depended on IBM products working in conjunction with Arkeia Network Backup for several years.

"Arkeia has proven to be robust, reliable, and flexible and we would recommend it to anyone."

Wayne Bradford

Computer Specialist, Center for High Performance Computing

Recently the computer center changed their IBM configuration. "We now use a 4-way IBM X360 with x86 architecture (Xeon 2.5 GHz)," says Wayne Bradford, Computer Specialist at CHPC. "It has 8GB of memory, 145GB of local SCSI disk space, 5 dual channel HVD SCSI controllers (one controller per tape drive), on fiber and two copper interfaces, all Gigabyte Ethernet."

Arkeia Network Backup provides all the tools for CHPC to protect substantial amounts of data all across a complex network that includes Linux, Mac, Windows XP/2000, and Windows Servers. These clients encompass a variety of interfaces and file system types.

"We backup about 12TB a weekend. Many systems have dual Gigabyte Ethernet interfaces. One file server is a dual Opteron with almost 3TB's of usable RAID 5 space."

CHPC relies on an IBM 3584-L32 tape library with 1 expansion frame (D32). It has a total of 675 slots with 10 tape drives with a mix of LTO technologies.

The Ultrium 3584 and its expansion options will migrate nicely into any IT infrastructure needing multi-terabyte backups. Combining this library with Arkeia Network Backup ensures users a reliable automated backup and restore.