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SPECTRA T950 WITH LTO-3 AND SAIT
 TWO T120s WITH LTO-3 AND SAIT
 THREE SPECTRA T50s WITH LTO-3
 BLUESCALE ENCRYPTION STANDARD EDITION
 HP RP8420 SERVERS WITH HP-UX 11.11 OS
 HP DL380 PROLIANT, INTEL P4 SERVERS WITH VMWARE
 ESX 2.5 OS
 HP DL385 PROLIANT, AMD OPTERON SERVER WITH VM-
 WARE ESX 2.5 OS
 SUN V880 SERVERS WITH SOLARIS 9 OS
 WINDOWS 2003 SERVERS
 CISCO 9140 SWITCHES
 EMC SYMMETRIX DMX 800; CENTERA AND CLARIION DISK
 ARRAYS
 HP OPENVIEW 5.5 MANAGEMENT SOFTWARE
 FIBRE CHANNEL SAN ENVIRONMENT

CUSTOMER PROFILE:



SOLUTION

Jones and Sheridan evaluated new options to meet these challenges. Along with moving the disaster recovery site, data encryption emerged as a necessity to protect data to address California law, comply with SOX and during the data center relocation.

Already a long-term customer of Spectra Logic, R.C. Willey had an excellent track record with both Spectra Logic products and support staff. They partitioned Spectra libraries into a number of virtual libraries with mixed media, and now had integrated AES-256 bit encryption available. Spectra BlueScale Encryption lets users encrypt and backup data using only the library—no additional appliance required. Jones and Sheridan decided to add BlueScale Encryption.

RESULTS

“Spectra Logic was the only vendor to offer backup, encryption, compression, and advanced key management in a single unit, plus SAIT integration to store large files,” said Richard Sheridan, I.T. Manager for R.C. Willey Home Furnishings. “Spectra is our ‘one-stop’ data protection vendor, company-wide.”

Today, R. C. Willey Home Furnishings manages a Spectra T950 and two Spectra T120s, all with BlueScale Encryption, plus EMC Symmetrix and Cisco switches. The company and Sheridan are confident they’ve safeguarded corporate data and comply with state and national laws.

ANATOMY OF A SOLUTION

Company: R.C. Willey Home Furnishings

COMPANY: R. C. WILLEY HOME FURNISHINGS

R. C. Willey Home Furnishings, a furniture and appliances retailer with an annual \$600 million in product revenue, conducts a backup of 2.2 TB of data daily; and another 530 GB weekly. The company stores database files with sensitive customer financial and account information, social security numbers, and birthdates; system files, Exchange databases and virtual machine file systems (VMFS).

CHALLENGE: In 2006, company I.T. director Ned Jones, and I.T. manager, Richard Sheridan, faced three challenges that would change the backup process.

First, the I.T. team needed to add security surrounding customer data to comply with California State Bill 1383. This was especially important with the opening of the company’s new store in Rocklin, Calif. 1383 requires businesses to notify the public when unencrypted personal information has been lost and potentially accessed in a computer security breach.

Second, R.C. Willey Home Furnishings needed to meet Sarbanes Oxley (SOX) requirements. The company has a customer base of 1.8 million. 158,000 of those customers have active credit balances, managed by the company directly, that total approximately \$200 million.

Third, R. C. Willey Home Furnishings recognized that its Salt Lake City-based headquarters and disaster recovery site, just 40 miles from Salt Lake, were located on a major earthquake fault line. Both sites are aligned so that a single earthquake would affect both sites. The company decided to build a larger disaster recovery center, away from the fault, in Boise, Idaho. This location is only a few hours by car from Salt Lake City.

