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Customer Success

ENVIRONMENT SNAPSHOT

- Two Spectra T120 libraries with LTO-2
- One Spectra T50 library with LTO-3
- Windows 2003 servers
- Windows and Solaris operating systems
- Hitachi AMS1000 Disk Array
- CommVault Galaxy 5.9 backup software
- Direct-attach SCSI connectivity
- Encryption capability on the T120 libraries



SITUATION & SOLUTION

About Peapod

Founded in 1989 as a smart shopping option for busy people, Peapod today stands as the country's leading Internet grocer. Peapod serves 18 U.S. markets, and has achieved over 9 million deliveries since its late 1980s inception.

Peapod currently stores 5TB of corporate data, and the volume of data continues to grow. The company must protect all enterprise data including consumer information and Web site information. Customers depend on the Peapod Web site to place orders and receive goods.

The Challenge:

"Our Web site is our store, so when our site goes down, so does our business," said Nick Miles, Sr. Manager of Database and Storage at Peapod.

The company previously used a DLT library that consumed a great deal of data center space. It failed regularly and the headaches associated with the library began to translate into lost revenue dollars for Peapod. After reviewing newer libraries to update the data center, Peapod selected two Spectra T120 libraries. Today, one T120 is at Peapod's

Chicago-based headquarters and the second is at their disaster recovery site. The T50 operates at a third production site.

The Solution:

"Spectra Logic is six to nine months or more ahead of the technology curve," said Miles. "They offer solutions and features that no other vendor had at the time we purchased."

Peapod runs full weekly and nightly incremental backups to disk, where the data resides until the next full backup is taken. Every night, Peapod stores its data to tape in the T120, and once a week they sweep the latest full backups to a second set of tapes for storage offsite, which have a longer retention period.

By following these practices, Peapod has quick restores from disk for the majority of their restore requests which generally is information stored within that week. This healthy practice also means Peapod has two tape copies of the last month's data at any point in time—on tape in the T120 and another copy offsite.

Miles especially likes the Spectra libraries' expansion and remote management features. Capacity on Demand (CoD) lets him instantly increase slot capacity by activating more slots with a software key as he needs them. The libraries' Remote Library Controller (RLC) and GUI front panel touch-screen makes it easy to administer and power cycle libraries remotely. RLC is a critically important feature, since the disaster recovery site is not staffed. With RLC, Miles's team manages all three libraries from one location.

"We selected Spectra Logic because it helped reduce our costs – the libraries have increased our uptime, and are simple to manage," added Miles. "Peapod has recommended and continues to recommend Spectra Logic to our peers".

