

Breece Hill's iStoRA Appliance Delivers Flexibility and Performance for Effective Lifecycle Management

BUSINESS ENVIRONMENT

Barghausen Consulting Engineers, Inc. was established in 1982 as a multi-disciplined professional services firm offering civil engineering, land surveying, land use planning and related services. They employ approximately 110 employees at four different locations. The corporate headquarters is located in Kent, WA with branch offices in Olympia, WA, Temecula, CA and Walnut Creek, CA. Barghausen works extensively throughout the Pacific Northwest and California. The Puget Sound Business Journal consistently ranks Barghausen in the top 25 engineering firms in the Pacific Northwest. Their integrated approach to providing professional services is one of their trademarks. Whether they are preparing a feasibility study, planning a subdivision or designing and permitting a retail warehouse or gas station, Barghausen is able to draw upon the extensive experience and knowledge of their personnel. Barghausen provides services for a variety of industries including residential, commercial/industrial, big box retail, franchise retail, gas station/convenience markets, petroleum, highway and utility.

THE SEARCH AND REQUIREMENTS

Barghausen's existing infrastructure included utilizing an Exchange server, a projects server, two smaller Sharepoint servers, two to three accounting/database servers and three print servers. They were performing centralized backup at their headquarters location. Barghausen was using a tape library 4-7 days per week to perform a full backup with a 14-hour back up window. The tape engine was stalling during back up due to the size of the digital photos and scans of old drawings. It also slowed down the network when backups were performed.

Key Business Challenges

- Implement a true lifecycle management system
- Manage the changes made on CAD drawings
- Back up and restore large files of digital photos or CAD drawings
- Maintain copies of files off-site for disaster recovery planning
- Centralize the backup function
- Work within a limited budget for a small business



Due to cash flow considerations of a small business, Barghausen was looking for the most cost effective solution. Initially, the company was considering either a disk-only or tape-only solution. Barghausen conducted a two-month search. During that time, they attended StorageWorld, an industry trade show, where Breece Hill was exhibiting. After review of several other products, they determined that Breece Hill's iStoRA disk-to-disk-to-tape appliance was the best option. They selected the iStoRA because it integrated a server, RAID, tape library and network connectivity, all in one box and was priced competitively. Gigatrend, a Carlsbad, CA solutions provider, worked with Barghausen to install the solution; the process took only a couple of hours to com-

BREECE HILL SOLUTION

Barghausen implemented Breece Hill's iStoRA, Dual Intel Xeon processor running Windows 2003. The system included HP LTO3 drives, 400 GB HD.

BUSINESS RESULTS

The iStoRA appliance addressed Barghausen data protection requirements. The company found:

- An effective all-in-one solution for backup, restore and archiving
- The speed of disk along with the portability and cost savings of tape
- Ability to store up to 4TB of data
- Minimal impact on the network. Since it has its own server, backups could be performed without slowing down the network.
- Faster restores than from a tape library
- Built-in disaster recovery planning
- Price point just right for a small business

ABOUT BREECE HILL

Breece Hill, a leader in data protection solutions for small to medium size businesses and workgroups, provides integrated data protection servers, optical technologies, autoloaders and tape libraries covering the wide variety of customer requirements. Since 1993 more than 25,000 units have been shipped worldwide. Breece Hill distributes its products through worldwide distribution, reseller and OEM channels. To learn more about Breece Hill's data protection solutions, visit www.breecehill.com.

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