

Case Study:

Technology Best Practices for Small Business

Business Issue

After spending significant resources to update their computer systems, this company had been left with an incomplete technology environment. There were no disaster recovery solutions available to them. This was risking the entire business. In the event of a catastrophic failure, the business would be unable to recover quickly or maybe even at all.

Solution

The company needed redundancy and a backup system. They also needed a plan to recover the data in the event of a catastrophic failure. This meant they needed multiple plans to be in motion when the time came. These were the presented solutions to bring them up to speed. A daily backup system using a Quantum Tape drive with Microsoft Windows Server backup software was installed and removable tapes were stored offsite for physical damage or theft protection. A second hard drive was installed in the server to allow the system to run during a drive failure, thus decreasing the chances of the entire system being down. A plan was created for getting things back up and running in the event of a catastrophic failure, so the amount of downtime is minimized

Results

- The system is now ready for multiple failure situations
- The company data is safe for many different outcomes
- The employees are aware of the dangers and have a plan to get things in motion immediately after problem arise

This solution was put to the test about a year after deployment. The original hard drive failed and the second drive we put in kept the system running during the failure. It never went down and allowed the company to continue to conduct business until a replacement was available and installed. If these measures weren't taken, the company could have lost everything without a catastrophe.



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