

This is a demonstration of the Managing Data Backup Solution using the IBM Tivoli Storage Manager Express and Continuous Data Protection for Files.

These scenarios feature FinDollarCorp, a fictitious company, to show some of the key features of a storage management solution.

FinDollarCorp realized that implementing real-time and scheduled backups as part of their data backup and restore solution would play an important part in their day-to-day business operations.

Lets take a look at the benefits of this solution from the perspective of two FinDollarCorp employees, and how this solution enables them to be productive even when an unpredictable IT error occurs.

Betty Baxter works in the accounting department at FinDollarCorp. It is the end of the quarter. She has been working diligently on many critical files, spreadsheets, and reports for the FinDollarCorp Spring Forecast Meeting. The meeting deadline is quickly approaching.

It's Friday night and Betty feels good that all of her files are complete and on the department shared file server and ready for processing on the following Monday morning.

After a great weekend, Betty comes into the office ready to process her files in preparation for the forecast meeting. She powers on her workstation and discovers that none of her data is accessible....

Tivoli Storage Manager Express provides basic backup and recovery capability that is affordable and easy to use.

Betty immediately calls Jim Jasper, the FinDollarCorp IT Administrator to report the situation.

After a thorough investigation, Jim realizes that the Accounting Department's shared data drive on the file server has crashed. Jim secures a new hard drive and prepares to restore the new drive to the pre-crash state from the backup storage server.

As part of his administration responsibilities using the new backup and restore application, Jim had recently scheduled automatic backups for the file server to the storage server. With the easy-to-use menus, Jim is confident that he will quickly have the Accounting Department's data files restored.

Jim logs on to Tivoli Storage Manager Express and selects the Restore option. He selects the drive where the data is to be restored, and then selects the entire F:\$ drive to restore all of the directories and files to their original location on the file server.

A short time later, the restore is complete. Jim checks the restore report to ensure that all of the files and directories were restored without any errors in processing.

Seeing that there were no errors during restoration, Jim calls Betty to let her know she can now access her files. Betty thanks Jim and is pleased that the recovery completed so quickly. She completes the final processing steps for the files and is able to provide all of the critical information and reports need for the upcoming forecast meeting on schedule.

The backup and restore capabilities of Tivoli Storage Manager Express can help deliver significant improvements in employee productivity.

In our second scenario, Mary Mason works in the marketing department for FinDollarCorp as a graphic artist. She has developed various graphics for a set of advertising brochures introducing FinDollarCorp's new investment packages.

While editing one of the graphic files, the file becomes corrupted. Mary starts to panic, but then remembers that the IT staff recently installed a real-time data backup application on her workstation and that this application has been running in the background providing protection for her valuable files.

Tivoli Continuous Data Protection makes up to 20 different backups of Mary's files that can be restored from her local workstation's data drive. Because of Tivoli Continuous Data Protection's integration with Tivoli Storage Manager Express, Mary's files are also backed up to the FinDollarCorp storage server.

Mary checks the list of recent file backups and chooses to restore a previous backup version of the file, and uses this version to complete her project.

If the backup file on Mary's local data drive had also been corrupted, Mary could have retrieved a non-corrupted backup file from the Tivoli Storage Manager Express storage server.

The Managing Data Backup Solution offers data and file backup protection with an easy to use application at an affordable cost.