

## Tape Data Recovery? Is It Easy To Perform

In this 21st century, information technology has become a part of our lives, we simply can't do without it. The usage of tape drive has virtually lost over to other media of storage. However, for those who are curious of what is tape data recovery. This article is for you. It is the recovery of any data that has been lost on a tape, obviously, but what it involves is quite interesting.

Although the tape cartridge is a piece of durable storage media, it can still be damaged from smoke, water, or simply dropping it to the ground. Its life span can be shortened by extreme exposure from high temperature, internal failure mechanism, or sector-errors that are situated right in the middle of the tape's life.

With more organizations using tape as a storage media, damages done by water, absence of oxide, folds in the tape material, sliced edges, bad oxide and even frictional damage tape data can be recovered from tapes. There are generally two types of tape data recovery. These are known as physical recovery and logical recovery.

What is needed for a physical tape recovery?

When there is a physical damage to the tape, a physical tape data recovery will then be required. It can be due to the damage done physically to the plastics, cartridge, or the tape itself from preventing the data to be read effectively.

Another reason for physical recovery can be due to the deterioration of magnetic coatings on the actual tape surface, broken or cracked wheels, twisted or folded tape, creased tape edges, broken tape, stretched tape, and etc.

There are lots of companies or stores promise a high recovery rate from using physical recovery methods. They claimed that they have over 98 percent success rate of their recovery techniques.

You may quickly need to bring your storage device to those highly trained recovery experts for recovery procedures, once you felt that you have damaged your tape storage device if it has been dropped in the mud, water or fall from high levels.

Can logical recovery help in tape data recovery?

Did you know that logical tape data recovery is more expensive due to its complexity and lots of process to take note.

We need logical recovery when the data is unable to read or write even though it has been successfully recorded onto the tape itself. Or there are no visible form of damage to the tape and the tape body itself.

The recovery of datafiles in logical recovery requires the expert professional to use multiple versions of the recovery software and take many "passes" at the tape using it.

It is quite normal to retrieve back the lost tape data, but the success rate of using logical recovery methods is much lower than using physical recovery methods.

## About the Author

Edmund is the co-author of a blog called, [data recovery techniques](#). This review blog will be able to help more computer users to find [data recovery secrets](#) so as to start the recovering process. Drop by at his review resource now. Get a totally unique version of this article from our [article submission service](#)

Source: <http://www.citylinkpcs.com.au>