

## Causes Of Data Loss And Storage Devices Damage

There are a lot of storage devices used to store data but the most common used ones are the CDs, DVDs, memory cards, memory sticks and undoubtedly the hard drives. All these storage devices have one major flaw in common, they are not infallible and this means that the data stored on them can be lost or damaged through a number of unforeseen failures. Fortunately, there are companies that employ data recovery specialists that can recover your data by using special techniques, software and tools. Data recovery can sometimes be performed by the user of the damaged device by using software but there is a high risk of failure that can result in permanently erased data or damaged storage devices.

There are a number of conditions that can cause a storage device failure and they include heat, water, impacts and power interruptions. Other causes can be viruses.

Heat damage will usually be caused by fire but in the case of electronic devices and storage media, overheated equipment is the cause in most cases. For instance, in a room with an ambient temperature that is too high, the air cushion thickness will be reduced by the air pressure. The hard drive heads might touch the recording plate and data will be damaged or lost.

In the case of hard drives, this kind of damage can also be caused by physical shocks or high vibration levels.

Most drives, but not all, have a seal that goes around the sides of the drive. If the seal is broken, the drive is prone to environmental contamination. The air is not very clean and with a damaged seal, particles from the air can grind the recording plate generating corruption or lost data.

If a hard drive is wet, water damage can occur even if it is turned off. Water is corrosive and will damage the metals found inside the hard drive generating microscopic pitting.

Data recovery specialists have both the required skills and the resources to perform a successful data recovery operation. This ensures a good chance that if you experience any data loss you can recover the data, be it sentimental data or business related information. The best advice is to keep a backup of the data that is important to you, this way you can avoid the expense of data recovery. If a backup is not available, expert services provided by data recovery specialists is a must.

## About the Author

Unirecovery [Data Recovery specialists](#) will provide a great recuperation success rate and are probably the best [Data Recovery London](#) service, [Data Recovery](#) professionals are waiting to help you.

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