



Best practices to avoid a hard drive failure

1. Backup your Data and store it offsite

This will help to protect your backup from damage, in case of a fire or disaster

2. Protect against power surges and spikes with a UPS System

An uninterruptible power supply protects your computer and data during a power surge or failure. The spare battery in the UPS gives you ample time to save your documents and shut down Windows properly so that you don't lose any files or damage any hardware components.

3. Avoid moving your computer when it is in operation

When your Computer System is running the hard drive heads glide over the platters. Moving the computer system may cause the head to touch the platters and cause severe damage. This is not just true for Desktop systems but for Laptops as well.

4. Control the room temperature

Your Computer Systems should be in a cool environment that does not over exceed room temperature. Server systems should be in a very cool environment and constantly monitored for internal and external temperature. Sudden rises and drops in temperature must be avoided

5. Practice disk maintenance

Clean up temporary files, unused files, defragment your hard disk, use scandisk and checkdisk utility's to perform routine maintenance checks on the hard drive's health. This will help to keep your hard disk in top form.

Never use disk scanning and repair tools such as scandisk or checkdisk on a malfunctioning drive, these tools are better used for preventive maintenance.