The 3-2-1 Backup Rule – An Efficient Data Protection Strategy

Backups ensure that your critical data will survive any of the likely hazards. Too many individuals and companies have suffered from having their hardware lost or stolen, destroyed by fires or natural disasters, infected with malware or corrupted by targeted hacker attacks. Common sense dictates that all hard drives will eventually fail; the question is whether or not you are prepared for the worst-case scenario.

For a one-computer user, the backup strategy can be as simple as copying all important files to another device or, ideally, several devices and keeping them in a safe place. However, for multiple computer systems, things can be, and usually are much more complicated. In these cases, a comprehensive data protection plan should include the **3-2-1** backup rule.

The 3-2-1 Backup Rule   Can your company afford the Bitcoin Ransom?

The **3-2-1** backup rule is an easy-to-remember acronym for a common approach to keeping your data safe in almost any failure scenario. The rule is: keep at least three (3) copies of your data, and store two (2) backup copies on different storage media, with at least one (1) of them located offsite.

We must remember that any storage device will fail sooner or later. Hard drives fail over time, whether because of a defect or simply wearing out. Thus, the **3-2-1** backup rule says that if you keep your primary data on an internal hard drive, store your backup copies a different way – for example, using an external hard drive, optical disks, digital tape, or the Cloud.

As it is obvious that a local disaster can damage all copies of data stored in one place, the **3-2-1** backup rule says: keep at least one copy of your data in a remote location, such as offsite storage or the Cloud.

With over 30 years experience in IT Services, NEH Systems can economically tailor a backup solution for your business. Using the latest Network Attached Storage (NAS) units at our facility, coupled with remote Cloud Storage, we provide all elements of the **3-2-1** model.

Your data is encrypted and then backed up over a secure 300Mbps Internet connection to our NAS units scheduled according to your requirements. Your encrypted data is then synchronized to remote Cloud storage.

Our NAS devices act independently from the rest of the infrastructure they are attached to and stay accessible for data retrieval, should your infrastructure go down or your need for individual file recovery.

Starting at less than **$3.00** per day for **2TB** of Dedicated Backup Storage, let NEH Systems protect your business data from malware, ransomware and local disasters. Contact us regarding larger backup capacity packages.

CALL NOW TO HAVE YOUR CRITICAL BUSINESS DATA PROTECTED AND LEARN MORE ABOUT THIS SERVICE.

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