

Year 8 ICT Project

“Data Storage – The Online Way”

Aim – To create a News article on “Data Storage – The Online Way”

- What is Online Storage?
- Primary & Secondary Research
- How can you ensure your data is safe
- What do people you know think about keep their data online
- What are the advantages and disadvantages
- Case studies on Cloud computing

Purpose: to create a News article exploring the benefits and dangers of cloud computing

Audience: Year 8 students

Steps to completing your project

1. Use MS Publisher create a 1 page article
2. Primary Research – Create a questionnaire (Find out what people think about cloud computing)
3. Collate the questionnaire results – Present them in number form i.e. 3/10 said..... or 35% said.... and use graphs
4. Secondary Research – Use the internet, books, CD, etc to find information, case studies, facts and figures to include in your article
5. **Remember:** Your leaflet must be fit for purpose and appealing to your audience

Note: Leaflet must be uploaded to Frog and printed to hand in to your teacher by the due date

Timeline

Start Date: 12th January 2015

Due Date: 13th February 2015

Data storage - the online way

Ten years ago, storing one gigabyte of data on a hard drive cost about £100, five years ago the price had fallen to about £50, and today it stands at £1.

So we have seen a fantastic fall in the cost of storage. As a result, people are now storing vast amounts of data in the form of video, music, sound and other kinds of personally valuable information.

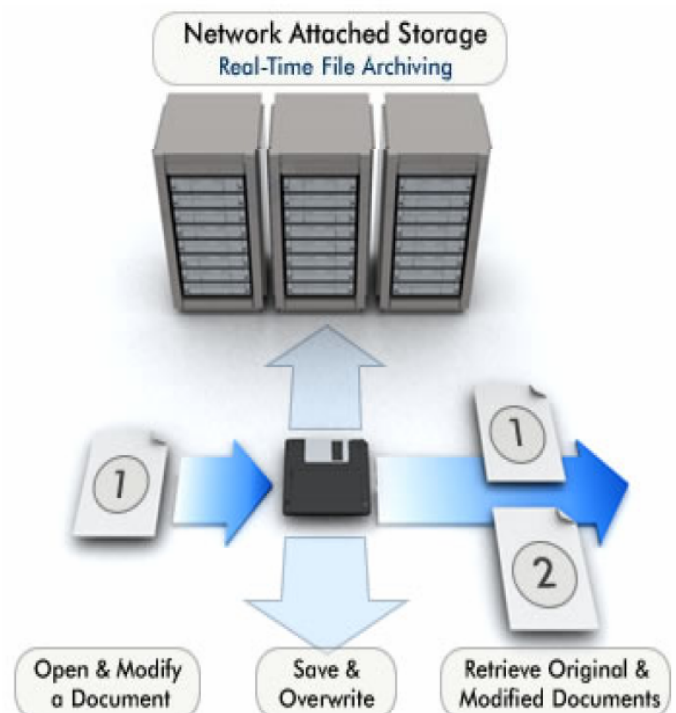
Thus, planning for the day your hard disk fails (and it will), this precious information needs to be archived.

It seems that the solution might be to store our data online. Many companies such as Google have been building up large servers for the running of their day-to-day operations. But they often have an immense amount of spare storage capacity which they now plan to offer to customers for storing their data online.

BT allows customers to store up to two gigabytes of data for free in their "digital vault". For a relatively small fee customers can store much larger amounts of data, for example 20GB would cost £4.99 a month. And some companies are now beginning to focus on the business market, offering 'storage on demand' for larger organisations.

Nick Laurence, enterprise marketing manager for Dell highlighted one of the main benefits: "I would guess that soon we will have virtual storage. So you will store your files virtually on a central storage system, so no matter what PC you are using around the world, you will be able to get to all your files and data."

Another major benefit is that regular backups will be made of your data so that your worries about hard disk failures or corrupted files could become a thing of the past.



Could this herald the end of the hard disk? Probably not as local storage will always be needed, even if just to hold the information and applications to run your computer