

LESSONS FROM THE BUSHFIRES

*It is so important to have copies of your documents and photos, in fact, anything that is special to you. These can be in the form of a scanned copy or a photograph of the item. It is then important to make sure there are **off-site backups** of these images.*



Storage sizes

<http://en.wikipedia.org/wiki/Gigabyte>

File types and Compression

www.wfu.edu/~matthews/misc/graphics/formats/formats.html

Digital Image File Types explained (JPG, GIF, TIFF, PNG, BMP). What are they, and how do you choose? These and many other file types are used to encode digital images. The choices are simpler than you might think.

<http://en.wikipedia.org/wiki/Lempel-Ziv-Welch>

Lempel-Ziv-Welch (LZW) is a universal lossless data compression algorithm created by Abraham Lempel, Jacob Ziv, and Terry Welch. It was published by Welch in 1984 as an improved implementation of the LZ78 algorithm published by Lempel and Ziv in 1978. The algorithm is designed to be fast to implement but is not usually optimal because it performs only limited analysis of the data.

Some Online Backup Services

Most people have an ADSL 1 Internet connection which means 128 kilobits per second upload speed (256 download speed) so backing up online can take a very long time.

Icebackup

www.icebackup.net/ (All versions of *Windows*)

UK based but a bit expensive in Australian money. One gig for 30-day free trial.

Crash Plan

www5.crashplan.com/landing/index.html

Free for home use (with ads). (Mac *Linux* and *Windows*)

Windows Requirements (that your computer has to have to use the service):

Windows Vista, XP, or 2000

Windows Server 2003, 2000

1 GB RAM

50 MB available disk space

High speed Internet access

MyOtherDrive (All versions of *Windows*)

www.myotherdrive.com/

Great advice about sharing your photos www.myotherdrive.com/html/photo-sharing-tips

“Photo & File Sharing (Tips and Tricks)

Smart Online Photo Sharing

Online file sharing sites have made it easy for us to post photos of ourselves and our loved ones to share with others. Sometimes we do so to make it easy for distant friends or relatives to see them, not realizing we are exposing our pictures to the world.

Privacy Concerns

A surprising amount of information can be revealed about you in a photograph, particularly in background details. A picture of your child could reveal the name of her school. A family photo might show the car's license plate or the house's address. An indoor photo could inadvertently include a credit card bill lying on the table. Often online photo sharing is linked from a blog that contains more personal information such as the city you live in or your future vacation plans. This makes privacy issues even more serious. Even if you don't reveal information that would be useful to a stranger, you could still be revealing private information to a boss or ex-spouse that can be used against you.

Are Your Photos Yours?

Most people assume they own their photos. Most online sites require you to relinquish ownership when you post your photos on their site. Some online photo sharing companies contain fine print in their terms of use that gives them ownership of anything you post. For example, photos posted to public areas of *Facebook*, *Flickr* or *AOL* can be used by the owning companies without your permission and without compensation.

You could find pictures of your kids used in an advertising campaign. You might become the poster child for herpes medication or adult diapers. Your picture could even be modified, which opens up a whole host of embarrassing or damaging possibilities. Even if you post to an online photo sharing site that allows you to retain ownership, some individuals won't respect that. You never know where your face could end up. *MyOtherDrive* never attempts to take rights to your private files.

Protect Yourself

Use a little common sense before using online photo sharing. Choose publicly posted pictures carefully. Look them over at their full size to be sure there is no personal information depicted. Think before posting a picture that shows you in a compromising situation. Would you want a future job interviewer to see this? Or your in-laws? Or a judge at a DUI hearing? This is why *MyOtherDrive* private file sharing is so important. Control who can view your shared files by building a group of friends, family, team members, etc. and sharing your files only to that group. Photo sharing is a great way to share pictures with friends, but you can't forget that the Internet is the most public forum that has ever existed. Stay smart and use our private file sharing and you will keep yourself and your family safer."

Backblaze

www.backblaze.com/

Interesting demo on this Website

Article about *Backblaze*

www.techcrunch.com/2008/06/02/backblaze-online-backup-with-time-machines-finesse/

Carbonite (Australian *XP* and *Vista*)

www.carbonite.com.au/

\$71.95 per year free 30-day trial for as much as you like.

Mozy

<http://mozy.com/home>

Two Gig free

Suggestions why you should use this service from their Website

Alternatives to MozyHome

- * Burn a new CD or DVD every Sunday night and store it at your brother-in-law's office.
- * Pay \$200/year for an online backup service that uses old, mediocre software.
- * Buy a \$200 external hard drive and hope your office doesn't burn down.
- * Do nothing and don't worry about backup. (We suggest closing your eyes, plugging your ears and repeating "I'm in my happy place, I'm in my happy place.")
- * Run a cron job of rsync, gzip and mcrypt piped over ssh to your friend's server over his DSL line.

Photos and Video

Flickr (Free)

www.flickr.com/ (You need a Yahoo! Id)

Can make your photos private and add 90 second videos.
Free account details are:

How many photos and videos can I upload for free?

When you have a free *Flickr* account, you can upload 2 videos and 100MB worth of photos each calendar month.

While the 100MB bandwidth limit for photos is firm, we do allow a little leeway for video in case you encounter transcoding errors, sound sync weirdness, etc. You will be able to delete and upload a new video. Please note, that if we determine you're abusing your free video upload privileges, we may block your ability to share video.

Your upload limits are reset to zero at midnight in Pacific Time Zone (Flickr headquarters time) on the first of each calendar month. You can't recover any of your monthly allowance by deleting photos. If you have a free account, you'll see your limit on the upload page.

If you find yourself hitting your limit, try a pro account. Or, you can shoot your photos at a lower resolution or resize them to be more "web-friendly" (like 300KB instead of 5MB).

www.flickr.com/photos/kiddocone/sets/72157608550925683/

uTube

www.youtube.com/

Free Videos can only be 10 minutes long. You can use *MovieMaker* that comes with *XP* to add your photos to a movie then use uTube to add sound. This took 15 minutes to make and load www.youtube.com/watch?v=L8R_viUifCA

Presenter: Irene M. Fullarton