

We would like to thank you for using Tomina Consulting for your computer needs. We know there are many choices available for solutions providers so we take your business very seriously.

The Arizona monsoons are upon us again. With the monsoons come much needed rain, exciting thunderstorms, and beautiful sunsets. But there is a darker side to this time of year. Arizona and Florida are the two most active states for lightening strikes. In fact, your chances for being hit by lightening are higher in Arizona than winning the Power Ball!



With lightening strikes come power interruptions. Most computer users are familiar with power surges. A power surge protector is standard equipment for many users just because they provide more outlets. A surge protector only protects from voltage spikes (voltage that is too high). What many don't know is that lack of power (power sags or brownouts) is more of a concern than surges. Lack of power will damage your equipment and can also corrupt your data while you work. For instance, if you have a "brown out" while you are working on that important spreadsheet, the power may not completely drop to zero but will drop low enough to cause all of the devices in your computer to stop functioning. In typical Arizona fashion, your power may come back on within seconds. Your computer will try to recover itself but the damage may already be done. Your spreadsheet is corrupt and a days worth of work is lost. This short lack of power can damage LCD monitors, computer power supplies and even motherboards.



The answer is an Uninterrupted Power Supply (UPS) or "battery backup". These devices incorporate protection for surges and sags by using an internal battery system (very similar to how a laptop works). A UPS will also automatically monitor your system and allow it to run on battery for 5-10 minutes allowing you to close programs and shutdown your computer if the power does not come back on. If you are not there to shut down your system manually, it can be programmed to do it automatically.

These units can be purchased from Tomina Consulting or from your local office supply store for around \$75-\$110 depending on the load they will be carrying. This is a small investment in the protection of your valuable data and equipment.

Call us today for more information.