

The MGSoft-Net Store Celebrates its Grand Opening

On July 24th, MGSoft-Net, Inc. celebrated the official opening of our new Computer Networking and PC Support store, located on Third Street in the heart of downtown Beaver. Local dignitaries and members of the Beaver County Chamber of Commerce were on hand to help kick off our new venture.

Congratulations and Good Luck!



MGSoft-Net - Growing while maintaining our core values!

MGSoft-Net is still growing strong, we have opened a store front, added five new clients (welcome!) and a new employee, Greg Slovak, since our last newsletter. There is a lot of excitement and we are glad for all your help, confidence and support as we continue to build into the future.

But foremost on our minds is our dedication to the principle core values of the company, and that is to supply our clients with the best possible service and support, with our high level technical support in terms of hardware, software, networking, security, and all the other services we provide. We remain committed to education, and firmly believe that the better educated our employees are, the better they are to serve you in a polite and dignified manner.

Our new store front is located in downtown Beaver, and I have a great sense of pride seeing MGSoft-Net prominently displayed. We have hired a new employee, Greg Slovak, who is currently working at the store as well as troubleshooting out in the field. Greg will shortly be moving to a full-time field services position for the company. When you see Greg, please welcome him aboard!

I trust that this newsletter finds you well, enjoy the articles that are inside. Please contact me if you have any questions or problems, and until next time,

I remain sincerely yours,

Grant

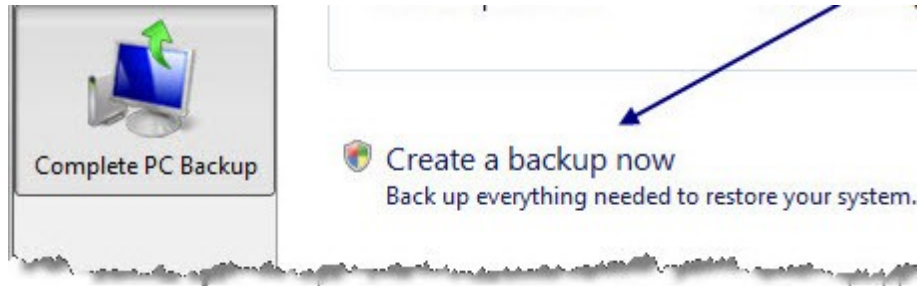
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Using Windows Vista Backup Utility

Every edition of Windows Vista includes a capable file-based backup program. Setting up scheduled backups is possible on every edition except Home Basic, and you can do full image-based backups to an external hard drive or DVD if you have Vista Business, Ultimate, or Enterprise editions.



Use Complete PC Backup to snap an image of your system with up-to-date drivers, all your favorite software installed, and the system fully activated. You can save the image to an external hard drive (USB, FireWire, or eSATA, for example) or to DVD, but not to a network location. In the event of a hard disk crash, you can restore this image in minutes, you can simply restore your original image backup and then restore the latest data backup to be back to work quickly. That's a big improvement over the alternative: a clean install of Windows, followed by a reinstall of drivers and software.

There has been recent buzz that Microsoft is going to build a completely new OS from scratch. This all started with the New York Times running an article with a well-known business professor stating "The best solution to the multiple woes of Windows is starting over" and begin working on a replacement for Windows.

Apple/Mac did this very same thing about three years ago. They took their old code base and completely trashed it, and developed the new Mac Operating System that is in use today (Mac OS X).

So this leads to some wild speculation on people and the media's part. But while Microsoft's CEO Steve Ballmer is quoted as saying that a brand new re-write of Windows is something that will be done before he retires (in nine to ten years), it is not something that is immediately on the horizon.

Microsoft is working on the next generation of Windows, code named "Midori", however, that is at least two or three years away. The next release of Windows (currently called Windows 7) is slated for late 2009.



MGSoft-Net's Employee Profile: *Jeff Split*

Many of you have already had the pleasure of meeting one of the newest members to the MGSoft-Net family, Jeff Split.

Jeff joined us in September of 2007 and has quickly become an integral part of the MGSoft-Net team, and we are proud to have him on board. He is a graduate of Florida Atlantic University in Boca Raton, FL and TechTrain in Sunrise, FL. Jeff is originally from Fort Lauderdale, and currently resides in Beaver with his wife, Cindy and two daughters, Stephanie and Samantha.

Jeff brings a wealth of experience with him, and we are excited about his future contributions to MGSoft-Net!

**In our next edition,
we profile our newest
employee, Greg Slovak**

What to Do if Your Computer is Sluggish

I think we have all encountered this problem. Your computer has been slowly getting more and more sluggish, and less responsive. How can you tell what is going on and what can you do about it?

The lack of RAM (Random Access Memory) is usually the culprit. RAM is used by the PC to transmit the electrons that represent the 1's and 0's of binary code. You can think of RAM as a freeway, and the less lanes that are open for cars to travel on, the slower everyone gets. Add in construction workers (aka: programs that hog up RAM), and the traffic gets even slower.

RAM is an internal piece of hardware. You can tell how much RAM you have by doing the CTRL-ALT-DEL to get to Windows Task Manager. Clicking on Performance, you will see the physical memory, what is available and what is used. You can also run DXDIAG from Start-Run, and this will also show you the RAM your system has.

The average Windows XP user should be satisfied with 1GB of RAM. If you have demanding applications (Quark, Adobe), or anyone regularly working with digital video or other large graphics files, will want at least 2GB at a minimum. If you're planning to upgrade your PC to Windows Vista, you can still get away with 1GB, but for a more comfortable experience we recommend 2GB of RAM.

What kind of RAM works on my PC?

RAM comes in many flavors, including DDR, DDR2, and DDR3. Newer technologies offer faster performance, but most motherboards accept only one type of RAM. Check your PC's manual to find out what type of RAM modules you need and how they have to be installed. RAM dealers such as Crucial and Kingston offer handy online tools for identifying the right RAM for many PCs and motherboards. Most PCs being upgraded today use dual-channel memory, which you must install in pairs for maximum performance, so adding two 512MB modules instead of one 1GB module may be better. Again, check your documentation.

Hard Drive Errors

Hard drive failures are very common these days, and they are increasing. So much so that many storage vendors are no longer recommending advanced hard drive setup techniques (for example Raid 5) because they can not guarantee that the data will be recoverable in the event of a failure, and these are the storage pros saying this!

And a bigger issue for home users is that they typically do not check their hard drives for errors, so they go undetected until a major disaster happens.

Most disk errors are transient, meaning that the system is able to continue working without a glitch. Much like an old record player hitting a scratch, there is a sudden skip but the song keeps on going.

Disk errors occur when a particular disk sector cannot be read or written, or when there is an uncorrectable error. Any data previously stored in the sector is lost.

What can you do to help battle errors on your hard drive?

Don't buy the newest, largest disk drive out there. As disk size increases, so does the possibility of errors, as well as you are working with cutting edge technology that might not be proven.

Age of the hard drive - if your hard disk is over 2 years old, you should consider the real event of a hard disk failure. Do you have backups?

The maker of the hard drive counts as well. I prefer Western Digital hard drives, but that is just me.

Once an error is detected on the hard drive, begin serious consideration of moving your vital data off that drive, or purchasing a new drive to replace it.

Recommend One New Client – Receive a Free Preventive Maintenance . . . on us!

MGSof-Net will provide a free Preventive Maintenance (PM) to any of our loyal customers, just for referring one new client. **It's that easy!** And it's our way of showing our gratitude for making MGSof-Net your source for all your system's needs.

Please take a moment to briefly fill in the below section, listing the company or person who you think would be interested in our services.

Name: _____

Company: _____

Phone: _____

Email: _____

Your Name/Company: _____



Please send or give this form to any MGSof-Net employee, or simply email Paul at paul@mgsoft-net.com with the above information. We will contact you once we have contacted your referral. Thank you!

***Offer good for a one-time customer referral / PM. Additional referrals are greatly appreciated and we will work with you on a case by case basis.



In Case You Didn't Know . . .

MGSof-Net provides all these options and services:

- PC Optimization & Diagnostics
- Software & Hardware Installation
- Data Recovery & Automated Data Backup
- Security & Performance
- In-House PC & Network Setup (including wireless)
- IT Support including: Phone systems, Printers, Fax and Wiring
- Router Configuration & Support (Cisco, Sonicwall, Netgear, etc.)
- Customized Programming (.Net, PHP, C+, etc.)
- Website Services
- Preventive Maintenance & Troubleshooting

!!! Additional Offer !!!

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We would like to extend our gratitude for your referrals by offering this voucher for

-2 hours of service-

for any new referral that you make for us within the last year that produces a 4 Hour/Month contract agreement.

EXCLUSIVE OFFER!

As many of you know, MGSof-Net has never advertised for business, and we work on a referral basis. This method has allowed us to grow the company with your support. You can make copies of this voucher if you have more than one referral that you think you will make. Thank you again for your patronage and support.