COMPUTER SPYWARE, MALWARE AND VIRUS CLEANUP – PREVENTIVE MEASURES

Prepared for the Franklin Group – updated 11/10/2011

Purpose: Computer maintenance, speed and Virus preemption.

- Software Tools: 1. Disk Cleanup
 - 2. Malwarebytes' Anti-Malware version 1.46
 - 3. Spybot Search & Destroy version 1.6.2
 - 4. Disk Defragmenter
 - 5. AVG Anti-Virus and Anti-Malware version 9 or 2011

Frequency: At least once per month...if you have a history of problems found then run once per week or more.

All programs should be located in the Security & Utility Folder on the Desktop...original location is noted with each program in parentheses.

Needless to say...if you run into any problems or have any questions..give me a call @ (734) 646-8182

1. Disk Cleanup - (Start / All Programs / Accessories / System Tools)



 Please check all boxes except "Compress old files" and "Catalog files for the Content Indexer" – keep in mind that this will empty the recycle bin ! 2. Malwarebytes' Anti-Malware – (Start / All Programs / Malwarebytes' Anti-Malware)

Malwarebytes' Anti-Malware	×
Malwarebytes' Anti-Malware	
Scanner Protection Update Quarantine Logs Ignore List Settings More Tools About	_
Scanner The scanner can find and remove malicious software present on your system. Please select a scan type and click 'Scan'. Please close all unnecessary applications to improve scan performance.	
Please select a scan type below.	
Perform quick scan A quick scan utilizes our unique fast scanning technology to scan your system for malicious software.	
Perform full scan A full scan will scan all files on the selected drive(s). A quick scan is recommended in most cases.	
Perform flash scan A flash scan will analyze memory and autorun objects. It is only available to our licensed users.	
Scan	
Register Purchase Exit	

- **Update** Click on the **Update** tab Check for Updates (Older versions identified by having only 2 scan types on the scanner page- will need to updated with a download and install of the full program)
- Scan Perform quick scan If the program finds any items, then, after removal of those items, it is recommended that you Perform full scan.
- **Removal** If any items are found (indicated in RED), follow the on screen directions to remove.



3. Spybot – Search & Destroy – (Start / All Programs / Spybot – Search & Destroy)

Search for Updates – Select download location: Gigenet (USA) or Safer-Networking #2 - Europe



Select Updates – please select all and download...just follow the online instructions.

į	Spybot-S&D Updater		
	Please select the updates to download here.		
	Update Info	Size	Date
	Important Files		
	 ✓ Q Detection rules: IUpdated base hijacker detections ✓ Q Detection rules: IMost up-to-date detections ✓ Q Detection rules: IMost up-to-date detections ✓ Q Detection rules: IUpdated base trojan horse detections 	151 KB 826 KB 5 MB 646 KB	2010-11-10 2010-11-10 2010-11-10 2010-11-03
	🕝 Back to mirror list 🍑 Download 🍡 Egit		

- **Immunize** – go to the Immunize screen and click the Immunize button on the top left, when finished there should be 0 items Unprotected.



- **Search & Destroy** – go to the Search & Destroy screen and click the Check for problems button. If any problems are found...make sure that all items are checked and click the Fix selected problems button.

🔎 Spybot - Search 8	i Destroy 📃 🗆 🔀								
File Mode Language Help									
Spyber-S&D Scan for problems and remove them. Search & Destroy Scan for problems @Print @ Help									
Eecovery	This is the main scan page of Spybot-S&D. Here you scan your system ("Check for problems" button) and fix any problems found ("Fix selected problems" button). Hint, if you haven't done so yet, we recommend you read the tutorial (see Help menu) to learn how to deal with the scan results.								
	Problem Kind								
Update ©onations									

4. <u>Disk Defragmenter</u> – (Start / All Programs / Accessories / System Tools)

🚯 Disk Defragmenter									
Elle Action View Help									
Volume Session Status	File System	Capacity	Free Space	% Free Space					
😑 (C:)	NTFS	149 GB	132 GB	88 %					
■MediaVolume (M:)	NTFS	932 GB	312 GB	33 %					
Estimated disk usage before defragmentation:									
Estimated disk usage after defragmentation:									
Analyze Defragment Pause Stop View Report Fragmented files Contiguous files Unmovable files Free space									

- Click the Defragment button and let it run...the first time may take a while to complete but future defragmentation will be much quicker, assuming that it is done on a regular basis.
- Please note: while there may be a slight performance increase, the main purpose of this step is to extend the life of the Hard Drive.
- 5. **AVG Anti-Virus and Anti-Malware** this program is set to run automatically please do not ignore any messages that it gives.