

How to Configure Your iMediaLogger Machine

iMediaLogger is a very resource intensive program, and as such it needs your computer to be configured in the most efficient manner possible. These are some of the recommended steps to ensure that your system is capable of running Logger over the long term.

1. Disable Hyper Threading on your processor or do not run a Dual Core processor.

The iMediaLogger has not been coded to utilize Hyper Threading or Dual Core technology. These also can interfere with the Audio Card driver which can cause other issues. OMT recommends that you run a Pentium 4 class processor for your iMediaLogger machine.

2. Defragment your Hard Drives

Your hard drives can get fragmented which will cause the system to run slower. You need to run a defrag of your system and audio drives daily. OMT recommends running Diskeeper to automate this process. Windows XP has a built in defragmenter but it cannot be run automatically. When first running Diskeeper, make sure that you run a manual analysis and perform the functions recommended in the job report. It will usually tell you to increase the MFT. Once that is done set it up to perform a defrag of all drives on a regular daily basis. Once the first one is done, subsequent defrags will not take very long. Ensure that you perform a manual defrag before automating them.

3. Clean up Windows XP GUI

Windows XP out of the box has a lot of over head used for the graphics that it displays. This can take away resources needed by Logger. Make sure to configure your system to the best performance. This includes using the Windows Classic Desktop Theme and setting the performance to best performance. OMT has created a checklist that goes over the entire configuration that is required to streamline your Windows XP installation. This document can be found on the OMT FTP site under MISC/Documents. You will need to know your login name and password to get onto the FTP site.

<ftp://support.imediatouch.com>

4. Check the Event Viewer

The Event Viewer is a function of Windows that will allow you to see if there are any issues happening with the system. Check this often to see if any issues have started to arise. If there are issues here, this could cause the Logger to run poorly. There is usually a link on the error message that will take you to Microsoft's web page for a more detailed description of the problem.

5. Make Sure Your Hardware is Adequate (*or better than*)

The minimum specifications for the iMediaLogger system are:

- Intel Pentium III class processor, at least 700MHz for a single channel iMediaLogger
- At least 15 megabytes of free hard disk space
- A separate hard drive for recording audio (size depends on your needs)
- 128 Megabytes of RAM
- Display adapter that can run at a screen resolution of at least 1024 x 768 pixels.
- PCI Network Interface Card running at 10mbps or higher (100mbps highly recommended) with TCP/IP networking installed
- A Windows compatible sound card (Professional audio card(s) recommended for broadcast use.)
- Microsoft Windows 2000 Professional (Service Pack 4), Windows XP Professional (Service Pack 1)

These are the minimum specifications for a 1 channel Logger. As you increase the amount of channels, the resource drain on the system increases. For Logger it is recommended to have:

- Intel Pentium 4 class processor, at least 2.8 GHz
- At least 15 megabytes of free hard disk space
- A separate hard drive for recording audio (size depends on your needs) SATA or SCSI. SCSI strongly recommended for 8 channel or more Loggers
- 1024 Megabytes of RAM
- Display adapter that can run at a screen resolution of at least 1024 x 768 pixels.
- PCI Network Interface Card running at 100 mbps or higher with TCP/IP networking installed
- A Windows compatible sound card (Professional audio card(s) recommended for broadcast use.)
- Windows XP Professional (Service Pack 2)

6. Anti-Virus and Anti-Spyware software

If you choose to run an Anti-Virus or Anti-Spyware software package, you will have to configure them to ignore the iMediaLogger installation folder and the folder that your Logger will record to. Having scanning take place on these files will cause the system to slowdown to a point that it may not function properly. Do not let your Anti-Virus software run an automatic scan of the system. If you let it run automatically you can have issues with your Logger when you do not expect them.

It is also recommended that you run Ad-Aware on machines that have regular Internet Access. You can download it at <http://www.lavasoft.de>

OMT is recommending to run ESET NOD32 anti virus if you choose to run an anti virus program. You can find it at <http://www.eset.com>

7. Audio Card Drivers

A major part of the system is the sound card. Make sure that you are running the latest version of the audio card driver. Logger requires that the driver that you use be a WDM driver and not a WAVE based driver. Ensure that you are running the WDM driver and not the WAVE based driver. Drivers for the sound cards that OMT directly supports can be found on the OMT FTP site under MISC/Audio_Card_Drivers. You will need to know your login name and password to get onto the FTP site.

<ftp://support.imediatouch.com>

8. Windows Updates

It is recommended that the Windows machines be kept up to date. You can have the system do a regular check to see if there are any Windows updates. It is more efficient to do this on a regular basis than relying on the Automatic Updates. It is recommended that the Automatic Updates be turned off and you manually check for updates on a regular weekly/semi-weekly basis.

9. Ensure you are on the Latest Version

Check on the OMT FTP site to make sure that you are on the latest version. There is also a shortcut to the automatic updater in the Start menu of Windows that will go to the Internet and check to see if there is a newer version.

10. Run the iMediaTouch Menu program.

This utility will show you what versions you are running, and keep you up to date on the latest news on OMT products. It can be found on the OMT FTP site. You will need to know your login name and password to get onto the FTP site.

<ftp://support.imediatouch.com>

11. Clean up your Windows Registry

As your system is setup there are many entries that get placed in to the registry. Some of these become obsolete after time and never removed. This leaves you with a huge file filling system memory. This can cause your system to run slowly. It is recommended that the registry get cleaned up every so often. The Registry becomes fragmented, and Windows slows down even more while it waits for keys to load. Cleaning out unnecessary Registry keys can boost performance.

Never delete a Registry key unless you know what it does, and always take a backup of the key first, just in case. Rather than looking for old keys yourself, download a Registry cleaner like RegSupreme Pro at <http://www.macecraft.com>. This shows you orphan files and software that has keys in the Registry, so you can delete all the keys that are unnecessary and causing your machine to run slowly.