

How to change IP address automatically

These scripts are designed to help TypeWell transcribers who connect to their reader computers via “Old-Style Wireless” or “Peer-to-Peer” to quickly switch between a static IP (used for TypeWell) and a dynamic IP (used for connecting to the internet).

When I transcribe, I use my personal laptop. This means every time I want to use my computer for TypeWell transcription, I must switch from a dynamic IP (shown in network settings as “obtain an IP automatically”) to a static IP (choose your own IP: 192.168.247.1). When I finish class and want to email the student their transcript, I must switch back from my static IP to a dynamic IP.

Going through the network settings and manually changing IP settings is time consuming, so I created some small scripts that do the task automatically. This saves me time when I am setting up to transcribe in the classroom and when I get home and want to use my computer for non-TypeWell purposes.

These files require some minor tweaking to work on your computer. You will only need to do this step once. I will walk you through every step.

First of all, you must pick the correct files. The files are labeled according to operating system (Windows 7 and Windows 8). Pick whichever set of files is appropriate for your system. The Windows 7 files work on Windows Vista. I have not tested them on other operating systems. If you don’t know which operating system you are running and don’t know how to find out, I suggest finding a tech savvy friend for the next few steps.

You must make some minor edits to the files so that they work with your network card:

1. **Right click** on the file “**Windows 7 [or 8] Reader Internet.bat**” and click “**Edit.**”
2. Under “**:: Configuration Variables ::**”, you will **change** “**Wireless Network Connection**” to the name of your computer’s wireless connection. Leave the quotation marks there. The next step will explain how to find out the name of your computer’s wireless network connection.
3. To find the name of your wireless network connection, go to your “**Control Panel**”, then go to “**Network and Sharing Center**”, and click on “**Manage network connections**”. The rightmost icon should say “**Wi-Fi**”, “**Wireless Network Connection**”, or something similar. Whatever that name is, copy it down or remember it and **type it in place of “Wireless Network Connection” in step 2**. The name must be spelled exactly how it is in your network connections for the script to work.

4. **Save the changes** you made to “Windows 7 [or 8] Reader Internet.bat” and **proceed through steps 1 through 3** for the files “Windows 7 [or 8] Reader TypeWell.bat”, “Windows 7 [or 8] Transcriber Internet.bat” and “Windows 7 [or 8] Transcriber TypeWell.bat.” Remember that your transcriber and reader computers may have different names for their wireless network connection. You must make sure the files used on each computer are configured for their respective wireless network connections.
5. To run the files from this point forward, simply **double click** them. You will not have to go through the previous steps again. A black command prompt window should pop up to automatically execute the commands and change the IP settings. If you try to run it and it doesn’t do anything, try **right clicking the file and clicking “Run as administrator.”** Running scripts like these requires administrator privileges on the computer. If you are not sure about how administrator privileges are handled, talk to your Systems Administrator.

If you use more than one reader computer at a time, the files named “Windows 7 [or 8] Reader 2 TypeWell”, “Windows 7 [or 8] Reader 3 TypeWell”, etc. are set to change the computer’s IPs to 192.168.247.3 and 192.168.247.4 respectively.

If you have questions or specific inquiries about these files, contact us at randihecht@intellitext-nv.com. We are constantly looking for ways to further improve our field and we’d love to hear your suggestions or comments!

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