

Download the .rar to a directory on your computer and unrar it to a folder, for example, c:\Veer

Copy your veer22xupdater.bat or Makefile, mdmupdate.sh and tpupdate.sh to the same directory

You should have the following structure in your director:

```
DIRECTORY\nova-cust-image-broadway.boot.tar.gz  
DIRECTORY\nova-cust-image-broadway.filecache.enc.gz  
DIRECTORY\nova-cust-image-broadway.media.tar.gz  
DIRECTORY\nova-cust-image-broadway.mojodb.enc.gz  
DIRECTORY\nova-cust-image-broadway.rootfs.tar.gz  
DIRECTORY\nova-cust-image-broadway.update.tar.gz  
DIRECTORY\nova-cust-image-broadway.varfs.tar.gz  
DIRECTORY\tpupdate.sh  
DIRECTORY\mdmupdate.sh  
DIRECTORY\nova-installer-image-broadway.ulmage
```

On *nix/Mac: DIRECTORY\Makefile

On Windows: DIRECTORY\veer22xupdater.bat

The usage is easy:

Windows:

- Connect your Veer to the USB cable and put it in the “Just Charge” mode.
- Open a command prompt. Start->Run->cmd (ENTER) or Windows +R->Cmd (ENTER)
- Change yourself to the directory (c: cd\veer)
- Run the program with: veer22xupdater.bat install (or “Veer22xupdater.bat install-from-recovery” when you have you put your phone in recovery mode already).
- Follow the instructions on screen and be VERY PATIENT, this whole process takes 15-20 minutes.

*Nix/Mac:

- Connect your Veer to the USB cable and put it in “just charge”-mode.
- Open a terminal
- change yourself to the directory (cd/tmp/veer)
- Run the program with: make install
- Follow the instructions on screen and be VERY PATIENT, this whole process takes 15-20 minutes.

Generic part for both Windows and *nix/Mac:

- Wait until it reboots the Veer automatically into recovery mode again.
- It will now prepare the firmware update scripts and start Novaterm.
- Connect to the Veer with Novaterm. When Novaterm doesn't work, you can use the WebOS Quick Installer's “command line”
- **Touchpanel update (required, otherwise your screen won't register your touches):**
 - Enter: cd /tmp/media
 - Then enter: sh tpupdate.sh
 - Wait for the Touchpanel f/w update to complete.
 - Do: start hidd
 - This will start the Touchpanel to work again after the update was performed. **Activation:**
- Install Impostah usign WebOS QuickInstaller
- Make sure WiFi is setup properly!
- Activate
- Under accounts: Delete “Dr. Skipped Firstuse”
- Under Palm Profile: Reset and reboot
- After reboot you can login to profile again and everything should work. If it doesn't work still: Do a full erase (or secure full erase) from Device Info and repeat above steps!

Modem Update:

!!!!Below steps are optional, only do them when you need them, because they might brick your Veer!!!!

- **For updating modem firmware (only required when you have problems with your modem firmware, otherwise don't bother because it's risky!!)**

- Enter: `sh mdmupdate.sh`
- **This will take anywhere between 3 and 10 minutes and will give you some feedback during the process! Make sure not to interrupt or you might end up having a bricked Veer!** When successful it will reboot your Veer, so you can skip the manual reboot.
- **When it fails to complete the update NEVER REBOOT YOUR VEER, OR IT WILL BE BRICKED. In case it doesn't complete see the instructions at the end of the post!**
- Enjoy TTS, Skype and other new features and bug fixes

If for some reason you want to go to another webOS version, you may Doctor with whichever version you like.

To retry failed modem update (ONLY USE THIS WHEN THE MODEM UPDATE DID NOT COMPLETE SUCCESSFULLY):

- **Start Novaterm and connect to the Veer**
- **`cd /usr/bin`**
- **`PmModemUpdater < /tmp/media/broadwayumts.tar -f`**