

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`**