

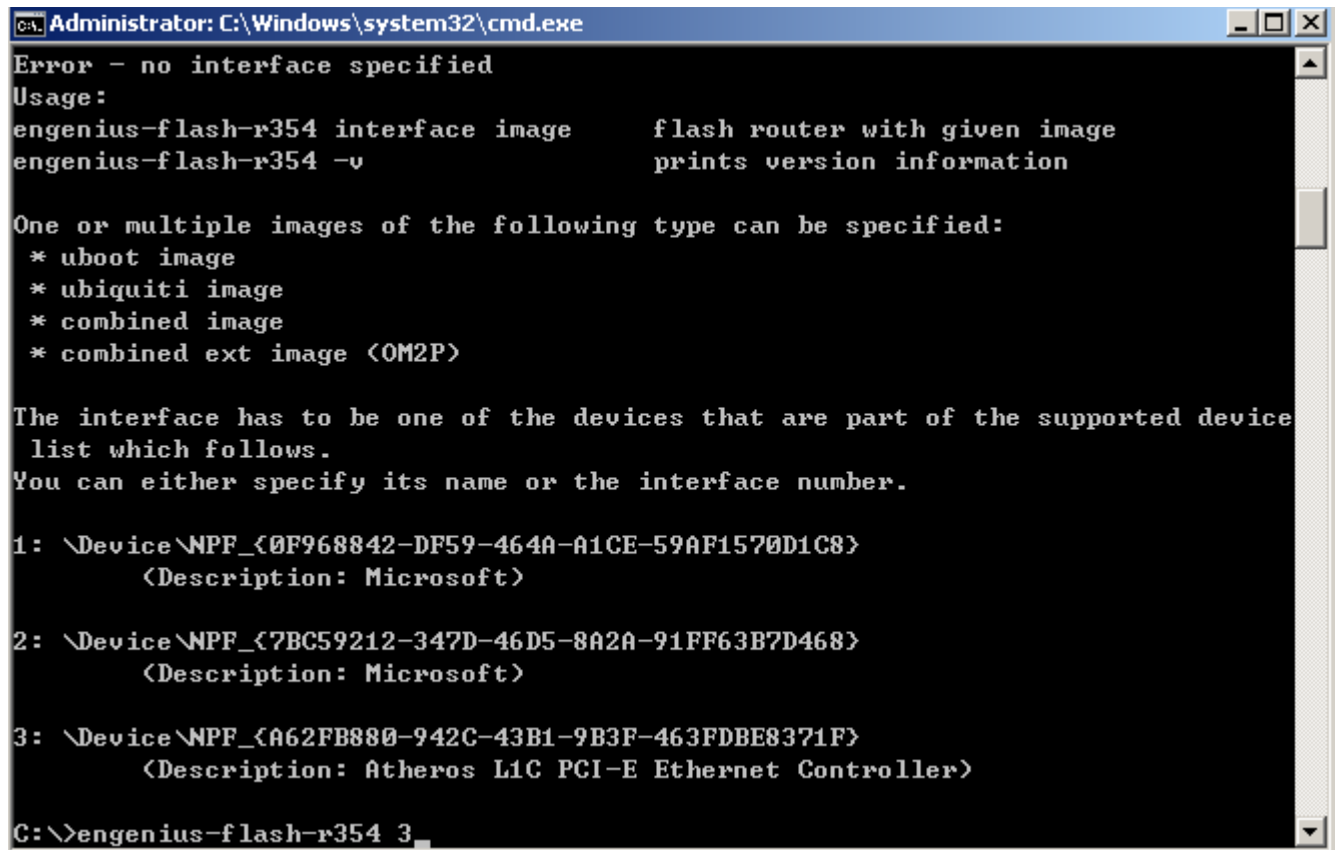
Upgrade Cloudtrax units

You need winpcap pre-installed if your laptop /computer doesnt have it.
<http://www.winpcap.org/>.

After installing Winpcap, please proceed below.

(IMPORTANT: IF YOUR UNIT IS POWER UP NOW< PLEASE UNPLUG THE POWER/ETHERNET WITH POE)

1. Run program in command prompt, enter engenius-flash-rxxx.exe
you will be prompt for interface ethernet, and depending how many
interface you have.



```
Administrator: C:\Windows\system32\cmd.exe
Error - no interface specified
Usage:
engenius-flash-r354 interface image      flash router with given image
engenius-flash-r354 -v                  prints version information

One or multiple images of the following type can be specified:
* uboot image
* ubiquiti image
* combined image
* combined ext image <OM2P>

The interface has to be one of the devices that are part of the supported device
list which follows.
You can either specify its name or the interface number.

1: \Device\NPF_{0F968842-DF59-464A-A1CE-59AF1570D1C8}
   (Description: Microsoft)
2: \Device\NPF_{7BC59212-347D-46D5-8A2A-91FF63B7D468}
   (Description: Microsoft)
3: \Device\NPF_{A62FB880-942C-43B1-9B3F-463FDBE8371F}
   (Description: Atheros L1C PCI-E Ethernet Controller)

C:\>engenius-flash-r354 3_
```

Then, re-enter as
engenius-flash-r376.exe 3, for example to select the network interface.

```
Administrator: C:\Windows\system32\cmd.exe - engenius-flash-r354 3
* ubiquiti image
* combined image
* combined ext image <OM2P>

The interface has to be one of the devices that are part of the supported device
list which follows.
You can either specify its name or the interface number.

1: \Device\NPF_{0F968842-DF59-464A-A1CE-59AF1570D1C8}
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   (Description: Microsoft)

3: \Device\NPF_{A62FB880-942C-43B1-9B3F-463FDBE8371F}
   (Description: Atheros L1C PCI-E Ethernet Controller)

C:\>engenius-flash-r354 3
[00:02:6f:7c:0e:23]: type 'redboot router' detected
[00:02:6f:7c:0e:23]: redboot router: setting IP address ...
[00:02:6f:7c:0e:23]: redboot router: tftp client asks for 'kernel', serving kern
el portion of: embedded image <1792 blocks> ...
[00:02:6f:7c:0e:23]: redboot router: initializing partitions ...
[00:02:6f:7c:0e:23]: redboot router: flashing kernel ...
```

2. Plug in product to Ethernet and power. Rest is plug and play. Once the Flash is completed, it prompts Device ready to unplug. It is safe to close the window, remove the Ethernet cable or power off the unit now.

```
[00:02:6f:7c:0e:23]: redboot router: initializing partitions ...
[00:02:6f:7c:0e:23]: redboot router: flashing kernel ...
[00:02:6f:7c:0e:23]: redboot router: tftp client asks for 'rootfs', serving root
fs portion of: embedded image <3328 blocks> ...
[00:02:6f:7c:0e:23]: redboot router: flashing rootfs ...
[00:02:6f:7c:0e:23]: redboot router: setting boot_script_data ...
[00:02:6f:7c:0e:23]: redboot router: flash complete. Device ready to unplug.
```

3. Power up unit connected to internet and wait for unit to retrieve previous configurations. May take up to 15 mins.