



# Netgear AirCard® AC341U Enterprise Tool Instructions

## Scope

This document provides instructions for enabling/disabling the following features on the Netgear AirCard® AC341U device, which may be a requirement of some enterprises and IT managers:

- TRU-Install: disable automatic driver installation
- IP Pass Through mode: disable the built-in NAT routing for a direct IP connection

## What is TRU-Install?

With the TRU-Install feature, the drivers required to use the modem are installed before the device fully enumerates as a modem. This feature provides automatic installation of drivers directly from the device, without the need for an installation CD or access to the Internet. This is the default mode.

The first time you connect a TRU-Install-enabled mobile hotspot to your Windows or Mac computer through the USB cable, the device detects that software installation is required and automatically installs the drivers. On subsequent connections, the presence of the drivers is detected, and no further software/driver installation is required.

Some enterprises or IT managers may require that drivers be pre-installed and do not allow such new software installations to take place. Disabling this feature allows them to better control what software is installed on their systems.

## Implications of disabling TRU-Install

If TRU-Install is disabled, the drivers for the device must be installed on the computer before the AirCard® device can be used via the USB cable.

Since users typically do not have administrative rights and thus cannot install software, the IT manager will need to distribute the drivers to all the computers in the company. To do this, use the standard Software Management Systems to install the driver installation files directly (this is the same file that TRU-Install installs).

You can obtain the driver installer from the Netgear support site [http://support.netgear.com/product/AirCard+341U+\(Sprint\)](http://support.netgear.com/product/AirCard+341U+(Sprint)) and run it directly on your system. You will no longer get the full screen "TRU-Install" installer like you get with the retail product installation. For fully silent installation, please use the /S switch:

```
AC341UDrivers.exe /S
```

## What is IP Pass Thru Mode?

Some enterprise-class and highly secure VPN applications may require IP Pass Thru (IPT) mode as the default mode supports Router Network Address Translation (or NAT mode). The IP Pass Thru (IPT) mode is a special mode in the AirCard<sup>®</sup> AC341U that allows the USB modem to act as a pass thru modem only, instead of a router. All of the IP traffic is sent unfiltered to the host in this configuration, with the NAT routing disabled. Due to this, the WebUI must be disabled in this mode.

## Implications of changing IP-Pass Thru Mode

After you have set this mode, the device will re-enumerate in Windows 7 mobile broadband mode (using the driver package you already have installed) which will allow you to view network status, make / disconnect data connections as well as enable auto-connect. Alternatively you can also use the NETGEAR Watcher Connection Manager that also works on Windows hosts (WinXP, WinVista, Win7, and Win8). Please note that you will not be able to access the WebUI any further unless you change back to your original mode (known as NAT or WebUI mode).

Please read the below section “Configuring Data Connections” for how to make data connections when in Windows 7 with this mode.

## Instructions to Enable and Disable Features

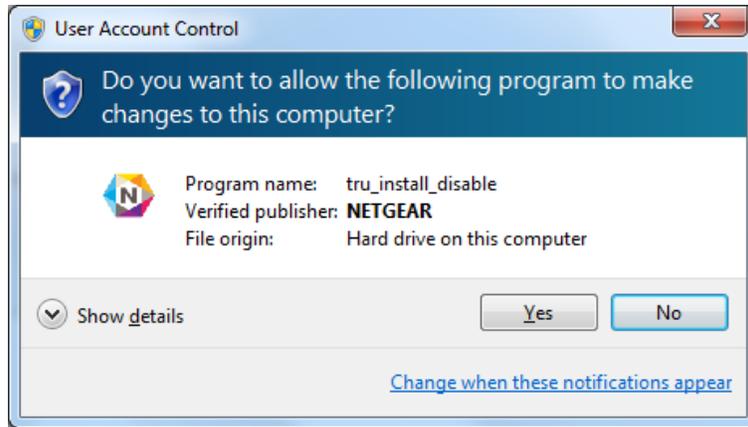
1. Search for and download the following files from the Netgear support site ([support.netgear.com](http://support.netgear.com)) and save them to the host PC.

- **tru\_install\_disable.exe**
- **tru\_install\_enable.exe**
- **ip\_pass\_thru\_disable.exe**
- **ip\_pass\_thru\_enable.exe**

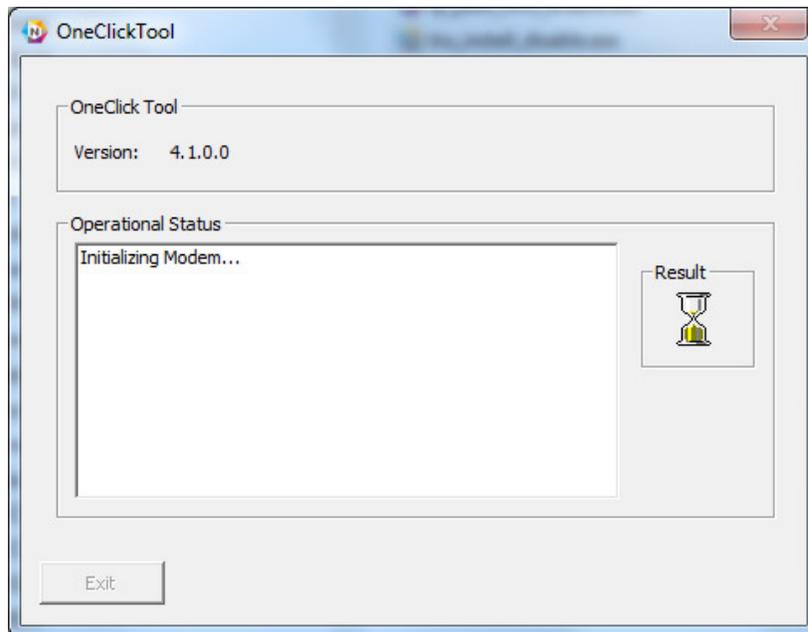
2. Connect the AirCard<sup>®</sup> device to the host PC using a USB port and make sure that your drivers are installed and the device is recognized by your system.

a. If you have not previously installed the device on your system, you will be prompted by the Tru-Install feature to install drivers and you will notice the driver installation progress indicator in the system tray of the host PC.

3. To enable or disable a feature, double-click on the applicable executable (for example: **tru\_install\_disable.exe**). Allow the program to run by clicking Yes if prompted as noted below:



4. A window will appear and show the update process.



5. The executable will automatically exit and then reset the modem after running.

6. If you want to re-enable the feature, run the "enable" file (example: **tru\_install\_enable.exe**)

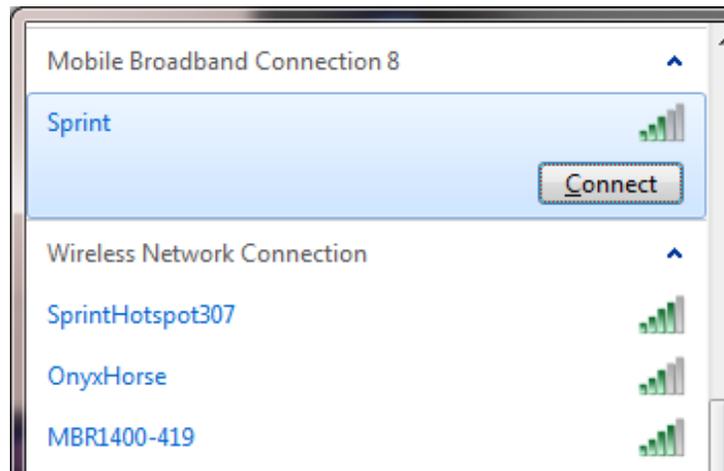
## Configuring Data Connections with Windows 7/8 when in IPT Mode

When you switch to IPT mode, there are several configuration changes that take place with your device:

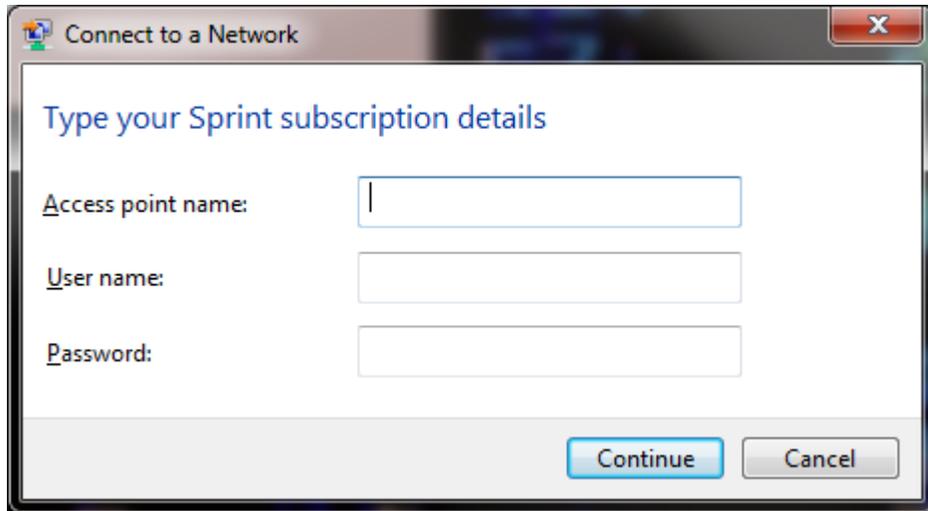
- After reset the device will re-enumerate as a different modem with different USB designator (pid 9055 to 9057).
- In Windows 7 and Windows 8, the device will now show up as a mobile broadband (MBB) in the network device tray (also known as VAN UI).
- The adapter is now called “Netgear Mobile Broadband Network Adapter” instead of the “Netgear WWAN Network Adapter” as in the default mode.
- Both the router NAT and Web UI are disabled in this mode.
- The modem IP address is now assigned by the network via DHCP and will not be a fixed IP address or name (<http://sprintmodem> or 192.168.1.1) as before.

Now in order to connect in Windows 7 or Windows 8, please follow this procedure (screens are for Windows 7):

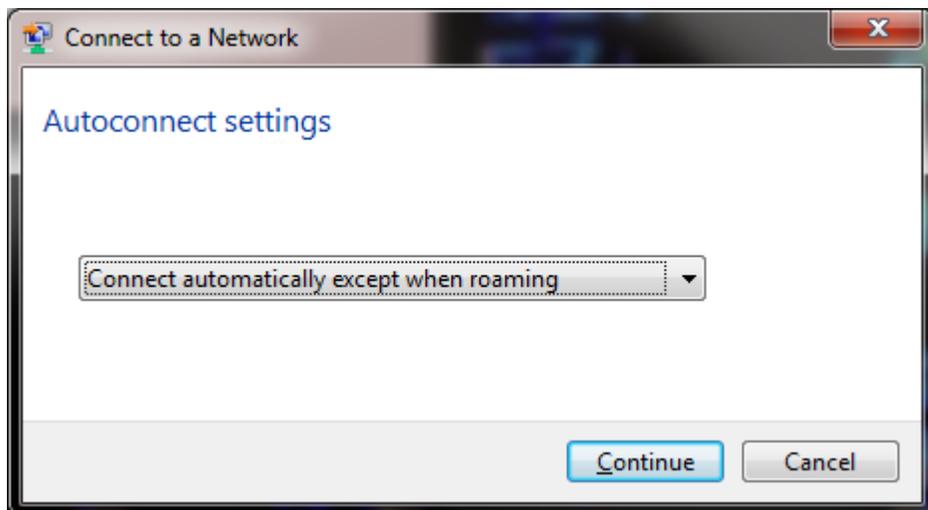
1. After you switch to IPT mode, the device will now enumerate as a Mobile Broadband (MBB) using the existing installed driver package. The device will show up in the network device tray (aka VAN UI) as seen in Windows 7 below:



2. Click on Sprint and select connect. Once you are prompted simply hit continue.



3. Next select to connect automatically. Next time you insert your device it will auto connect.



## Revision history

Version	Summary of changes
1.0	Initial AC341U release – 7/29/2013
1.1	Update to include silent driver installation and support site links – 7/31/2013