

Firmware Upgrade Guide

M2M Serial Modem (NTC-3000-01)



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Note – This document is subject to change without notice.

Document history

This guide covers the following products:

NetComm Wireless M2M Serial Modem (NTC-3000-01)

Ver.	Document description	Date
v1.0	Initial document release	23 January 2017

Table i. - Document revision history

Firmware details



Note – The OpenAT firmware is only provided upon request. Please contact NetComm Wireless Technical Support to request the OpenAT firmware.

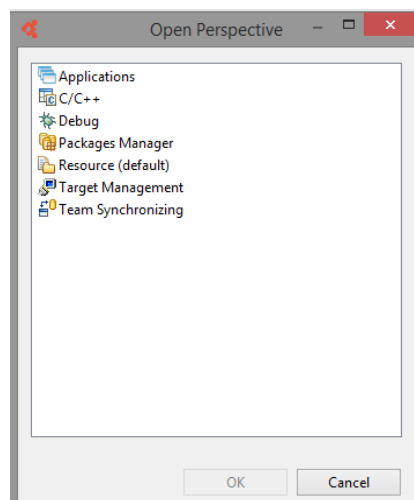
Firmware details	
NetComm Wireless Model Number	NTC-3000-01
NetComm Wireless Product Name	M2M Serial Modem
Module Firmware Version	7.50.3.A1.201312050709
OpenAT Firmware Version	v1.0.74
Build Type	Generic
Release Type	Official
File Name	NTC3000_FR2.53.1.A1.v1.0.74.20170110(7.50.3.A1).dwl
File Size	121 KB
MD5 Checksum	08bb20836c004e9f2b1b8c21aff535c6
Date	24 January 2017

Firmware upgrade instructions

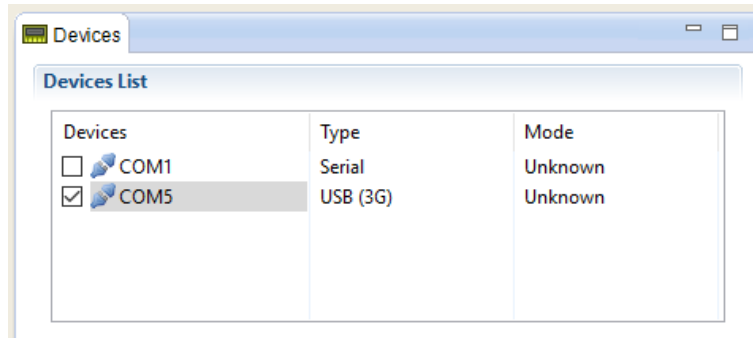
- 1 Download and install the Sierra Wireless Developer Studio version 2.3.2 from the link below.
<http://developer.sierrawireless.com/Resources/Resources/AirPrime/Software/Open%20AT%20Application%20Framework.aspx>

When going through the setup wizard, ensure that all additional packages are unselected.

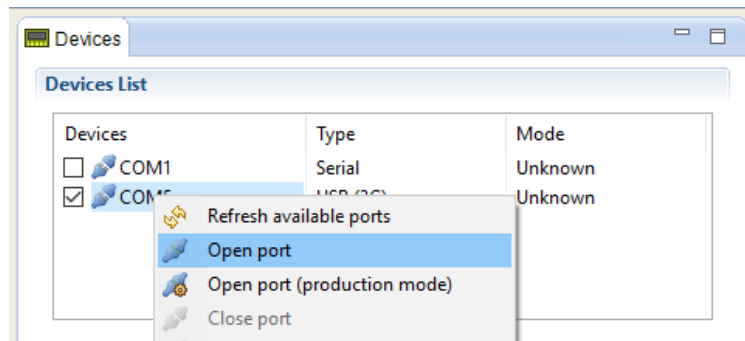
- 2 When the installation has finished, run the program and navigate to **Window -> Open Perspective -> Other** then choose **Target Management** and select the **OK** button.



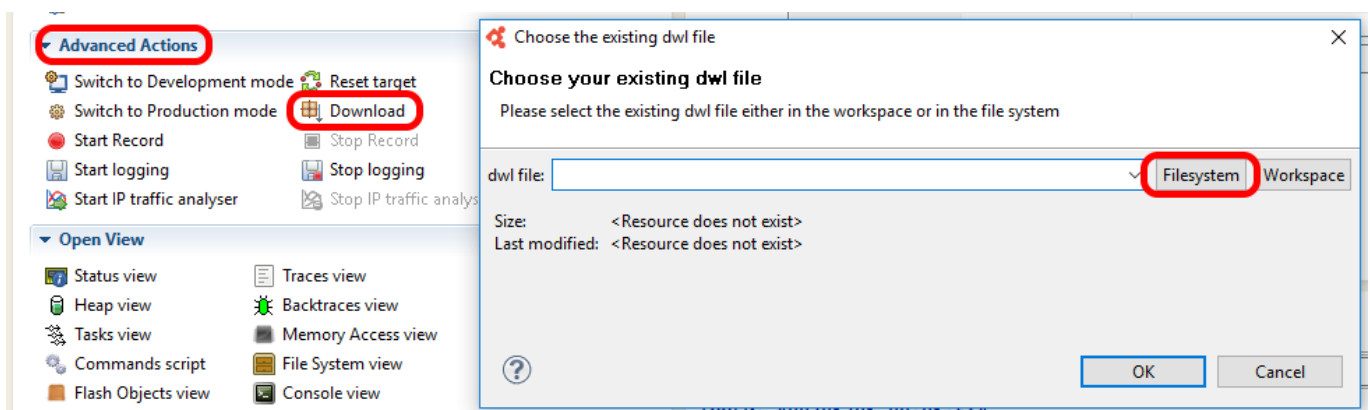
- 3 Connect the NTC-3000 Series router to the PC via a standard USB Type A to USB Mini Type B cable or the included RJ45-to-Serial cable. We recommend using the USB option if you have the USB cable available.
- 4 Under the **Devices List** section, if you connected the NTC-3000 via USB cable, select the device that is listed as **USB** (**3G**) in the **Type** column. If you connected the NTC-3000 using the included RJ45-to-Serial cable, select the device that is listed as **Serial** in the **Type** column.



- 5 Right click on the COM port and choose **Open Port**. The modem port opens in development mode.



- 6 Click on **Advanced Actions** -> **Download** -> **FileSystem** and choose the file named **serial_gateway_v1.0.60m.dwl** to upload to the unit. Click on the **OK** button to start the upgrade.



The firmware upgrade process takes approximately 2 minutes.

- 7 When the firmware upgrade has completed, verify the OpenAT firmware version under the **OpenAT Application** section. If the firmware upgrade was successful, the Version field displays as **1.0.74.20170110132053**.

▼ Open AT Application

Information concerning target's running application

State: Running

Refresh

Name: serial gateway

Company: NetComm Wireless Limited

Version: 1.0.74.20170110132053

Size: 198300 bytes

Build date: 011017 13:21

Checksum: 0x7304758F

Start address: 0x10700000

Components:

Component	Version
Firmware Package	7.50.3.A1.201312050709
Open AT OS Package	6.50.1.A1.201305161238
Open AT Application Framework package	2.50.3.A1.201312051116
ExtendedATApplication Library Package	1.20.1.A1.201311130813

The firmware upgrade is complete.