

TR-069 Firmware Upgrade

Technical Support Guide

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Please note: This document is subject to change without notice.

DOCUMENT VERSION	DATE
1.0 - Initial document release	11 January 2016

Table 1 - Document Revision History

Introduction

This document describes how to upgrade the firmware on a NetComm Wireless router via TR-069. The process described below outlines the process of upgrading the phone module firmware using the Overture ACS and assumes that you have already created the device on the server and placed the module firmware file on a HTTP/FTP server. This method can also be used to upgrade the router firmware.

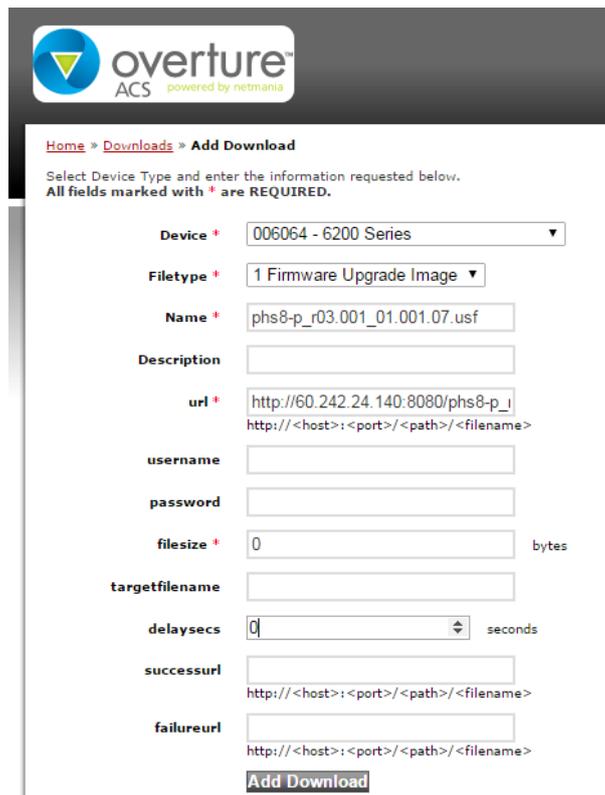
Applicable devices

This document is applicable to the following NetComm Wireless devices:

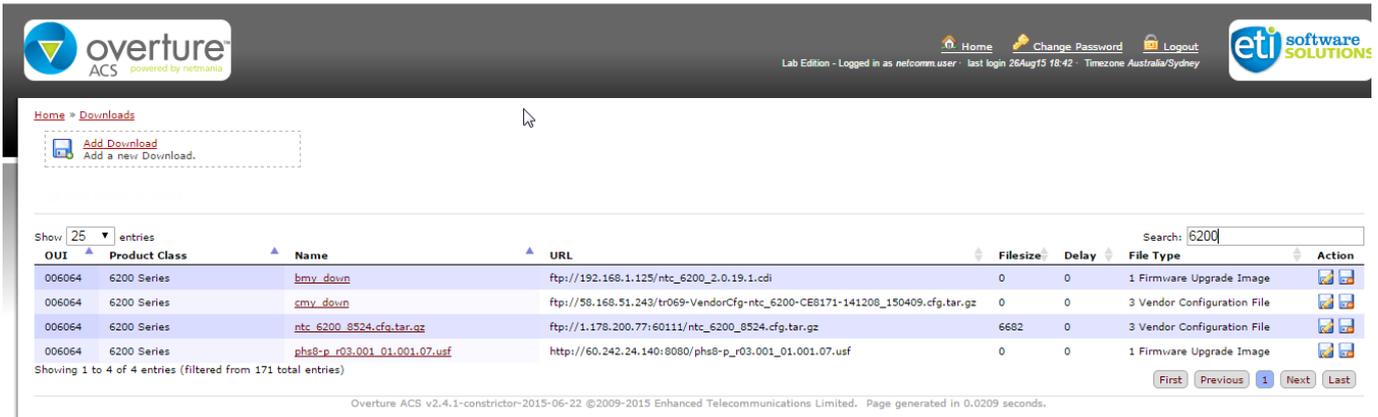
-  NTC-6908
-  NTC-6908-02
-  NTC-6520
-  NTC-6200
-  NTC-30WV
-  NTC-30WV-02
-  NTC-40WV
-  NTC-140W
-  NWL-11
-  NWL-15
-  NWL-25

Upgrading the firmware

1. Navigate to **Downloads -> Add Download**. Use the **Device** drop down list to select the device then from the **Filetype** drop down list, select **1 Firmware Upgrade Image**. In the **Name** field, enter the file name of the module firmware then enter the URL of the firmware in the format of <http://<host>:<port>/<path>/<filename>>. If a username and password is required to access the URL, enter them into the **username** and **password** fields. Set the **filesize** and the **delaysecs** values to 0.



2. Click the **Add Download** button. The file appears in the Download list.



Home > Downloads

Add Download
Add a new Download.

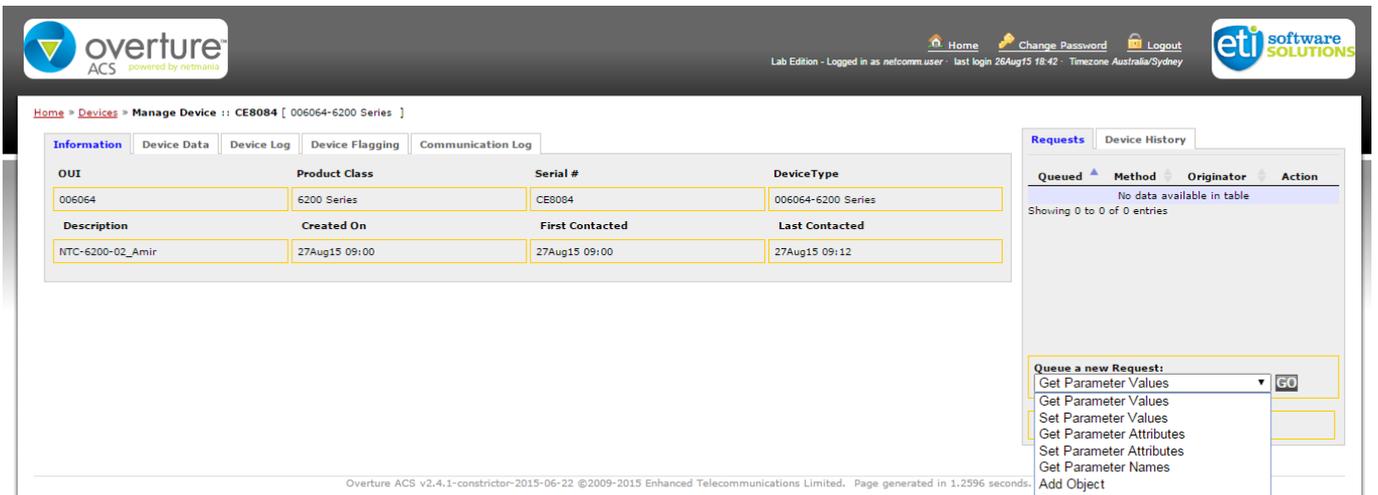
Show 25 entries

OUI	Product Class	Name	URL	Filesize	Delay	File Type	Action
006064	6200 Series	bmy_down	ftp://192.168.1.125/ntc_6200_2.0.19.1.cdi	0	0	1 Firmware Upgrade Image	
006064	6200 Series	cmv_down	ftp://58.168.51.243/tr069-VendorCfg-ntc_6200-CE8171-141208_150409.cfg.tar.gz	0	0	3 Vendor Configuration File	
006064	6200 Series	ntc_6200_8524.cfg.tar.gz	ftp://1.178.200.77:60111/ntc_6200_8524.cfg.tar.gz	6682	0	3 Vendor Configuration File	
006064	6200 Series	phs8-p_r03.001_01.001.07.usf	http://60.242.24.140:8080/phs8-p_r03.001_01.001.07.usf	0	0	1 Firmware Upgrade Image	

Showing 1 to 4 of 4 entries (filtered from 171 total entries)

Overture ACS v2.4.1-constructor-2015-06-22 ©2009-2015 Enhanced Telecommunications Limited. Page generated in 0.0209 seconds.

3. Navigate to **Manage Devices** then click on the Serial # of the device you want to upgrade. On the right hand side of the screen, use the **Queue a new Request** drop down list to select **Download**. Click the **Go** button.



Home > Devices > Manage Device :: CE8084 [006064-6200 Series]

Information | Device Data | Device Log | Device Flagging | Communication Log

OUI	Product Class	Serial #	Device Type
006064	6200 Series	CE8084	006064-6200 Series

Description	Created On	First Contacted	Last Contacted
NTC-6200-02_Amir	27Aug15 09:00	27Aug15 09:00	27Aug15 09:12

Requests | Device History

Queued	Method	Originator	Action
No data available in table			

Showing 0 to 0 of 0 entries

Queue a new Request:

- Get Parameter Values
- Set Parameter Values
- Get Parameter Attributes
- Set Parameter Attributes
- Get Parameter Names
- Add Object
- Delete Object
- Download**
- Upload
- Reboot
- Factory Reset
- Get RPC Methods
- End Session

Overture ACS v2.4.1-constructor-2015-06-22 ©2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds.

4. Select the file from the **Download** drop down list.



Home > Devices > Manage Device (CE8084) > New Request (Download)

Download: Select...
Please select Download.

- Select...
- bmy_down
- cmv_down
- ntc_6200_8524.cfg.tar.gz
- phs8-p_r03.001_01.001.07.usf

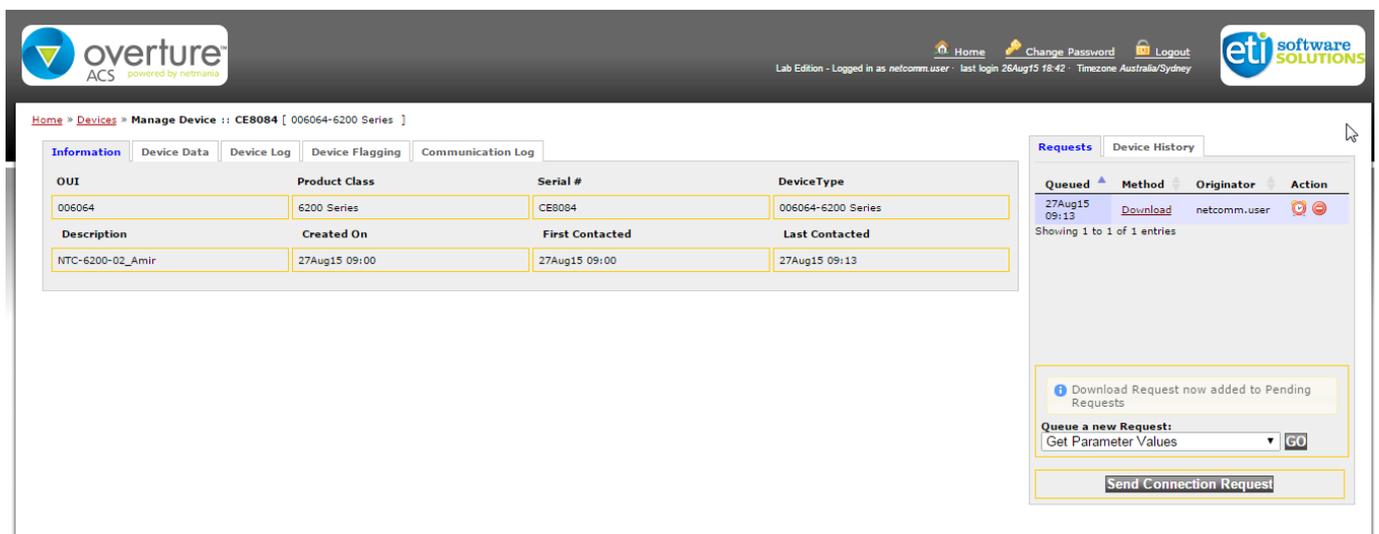
Queue Download | Cancel

Overture ACS v2.4.1-constructor-2015-06-22 ©2009-2015 Enhanced Telecommunications Limited. Page generated in 0.0469 seconds.

- Review the details of the task that are presented. If they are correct, press the **Queue Download** button.



The download task appears as a queued task on the right side of the screen. At the next inform interval, the task is executed.



If you have access to the user interface of the router, you can view the upgrade being performed by navigating to the **System -> System configuration -> Upload** page.

System configuration ^

Settings backup and restore

Upload

Package manager

Administration v

Watchdogs

Power management

Reboot

Uploaded files (Free space: 78.5 M)

File name	Date	Size	Action	
ntc_6200_2.0.36.1.cdi	Aug 27 2015	47.4M	Install	Delete
tr069-temp.usf	Mar 26 2014	9.7M	Install	Delete

Progress: 55%, 5566648 / 10119682
 Progress: 56%, 5667304 / 10119682
 Progress: 57%, 5769074 / 10119682
 Progress: 58%, 5871654 / 10119682
 Progress: 59%, 5971966 / 10119682
 Progress: 60%, 6077784 / 10119682
 Progress: 61%, 6174238 / 10119682
 Progress: 62%, 6278690 / 10119682
 Progress: 63%, 6380220 / 10119682
 Progress: 64%, 6479062 / 10119682

The ACS server displays the status of events. Confirm that VALUE CHANGE appears on the right under the Device History tab. This indicates that the update has completed successfully.



[Home](#)
[Change Password](#)
[Logout](#)



Lab Edition - Logged in as netcomm user - last login 26Aug15 18:42 - Timezone Australia/Sydney

Home > Devices > Manage Device :: CE8084 [006064-6200 Series]

Information | Device Data | Device Log | Device Flagging | Communication Log

OUI	Product Class	Serial #	DeviceType
006064	6200 Series	CE8084	006064-6200 Series
Description		Created On	First Contacted
NTC-6200-02_Amir		27Aug15 09:00	27Aug15 09:00
		Last Contacted	27Aug15 09:13

Requests | **Device History**

Search:

End Time	Method	Status
27Aug15 09:13	4 VALUE CHANGE	0
27Aug15 09:12	4 VALUE CHANGE	0
27Aug15 09:11	4 VALUE CHANGE	0
27Aug15 09:10	4 VALUE CHANGE	0
27Aug15 09:09	4 VALUE CHANGE	0
27Aug15 09:08	4 VALUE CHANGE	0
27Aug15 09:07	4 VALUE CHANGE	0
27Aug15 09:06	Upload	9011
27Aug15 09:06	7 TRANSFER COMPLETE	0
27Aug15 09:06	M Upload	0
27Aug15 09:06	4 VALUE CHANGE	0
27Aug15 09:06	4 VALUE CHANGE	0