

TR-069 Firmware Upgrade Technical Support Guide



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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

 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 <u>http://<host>:<port>/<path>/<filename</u>>. 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.

		Iremania
	Home » Downloads » Add D	ownload
	Select Device Type and enter All fields marked with * ar	r the information requested below. e REQUIRED.
	Device *	006064 - 6200 Series 🔻
	Filetype *	1 Firmware Upgrade Image ▼
l	Name *	phs8-p_r03.001_01.001.07.usf
l	Description	
1	url *	http://60.242.24.140:8080/phs8-p_i
	username	http:// <nost>i <port>/ <pre>/ <mename></mename></pre></port></nost>
	password	
	filesize *	0 bytes
	targetfilename	
	delaysecs	0 \$ seconds
	successurl	http:// <host>:<port>/<path>/<filename></filename></path></port></host>
	failureurl	http:// <host>:<port>/<path>/<filename></filename></path></port></host>
		Add Download



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

	CS powered by netmania			<u>n Hom</u> Lab Edition - Logged in as <i>netcommuser</i> isst	<u>≥ </u>	inge Passwor 18:42 · Timezor	d 🖻 Logout re Australia/Sydney	software SOLUTION
Home » Dov	<u>vnloads</u> <u>d Download</u> d a new Download.		72					
Show 25	entries Product Class	Name		URL 4	Filesize	Delay 🍦	Search: 6200	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	<u>cmy_down</u>		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	2
Showing 1 to	o 4 of 4 entries (filtered from 171)	overture ACS v2.4.1=constrict	hore 201	5.06-22 @2009-2015 Enhanced Telecommunications Limited	19 seconds		First Previous 1	Next Last

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.

e verdes * Manage Device 1: CEB08E [00064-6200 Series] thformation				n Horne na Martina Angle	Change Password 📾 Logout 1/5 1842 - Timezone Australia/Sydney
OUT Product Class Serial # DeviceType Queued * Nethod * Originator * Action * 006064 6200 Series CE8004 006064-6200 Series Intel data available in table Nite data available in table Description Created On First Contacted Last Contacted Intel data available Nite data available	me » <u>Devices</u> » Manage Device :: CE8084 [Information Device Data Device Lo	[006064-6200 Series] g Device Flagging Communication Lo	og		Requests Device History
006064 6200 Series 00 data available in table Description Created On First Contacted Last Contacted NTC-6200-02_Amir 27Aug15 09:00 27Aug15 09:10 27Aug15 09:12	OUI	Product Class	Serial #	DeviceType	Queued Method Originator Action
Description Created On First Contacted NTC-6200-02_Amir 27Aug15 09:00 27Aug15 09:12 Verture ACS v2.4.1-constrictor-2015-06-22 @2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds Add Object Overture ACS v2.4.1-constrictor-2015-06-22 @2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds Add Object Deventore Deventore Deventore Overture ACS v2.4.1-constrictor-2015-06-22 @2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds Add Object Deventore Deventore Deventore Overture ACS v2.4.1-constrictor-2015-06-22 @2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds Add Object Deventore Deventore Deventore Overture ACS v2.4.1-constrictor-2015-06-22 @2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds Add Object Deventore Deventore Deventore Deventore Verture ACS v2.4.1-constrictor-2015-06-22 @2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds Add Object	006064	6200 Series	CE8084	006064-6200 Series	Showing 0 to 0 of 0 entries
NTC-6200-02_Amir 27Aug15 09:00 27Aug15 09:00 27Aug15 09:12	Description	Created On	First Contacted	Last Contacted	-
Queue a new Request: Get Parameter Values Get Parameter Values Get Parameter Values Set Parameter Values Get Parameter Attributes Get Parameter Names Add Object Download Qload Reboot Factory Reset Get RPC Methods	NTC-6200-02 Amir	27Aug15 09:00	27Aug15 09:00	27Aug15 09:12	
Overture ACS v2.4.1-constrictor-2015-06-22 @2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds. Add Object Delete Object Delete Object Download Reboot Factory Reset Get PC Methods					Queue a new Request:
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Overture ACS v2.4.1-constrictor-2015-06-22 @2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds. Add Object Deventoed					Get Parameter Values
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Set Parameter Attributes Get Parameter Names Overture ACS v2.4.1-constrictor-2015-06-22 @2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds. Add Object Delete Object Download Upload Reboot Factory Reset Get RPC Methods					Get Parameter Attributes
Get Parameter Names Get Object Delete Object Download Reboot Factory Reset Get RPC Methods					Set Parameter Attributes
Overture ACS v2.4.1-constrictor-2015-06-22 ©2009-2015 Enhanced Telecommunications Limited. Page generated in 1.2596 seconds. Add Object Delete Object Upload Reboot Factory Reset Get RPC Methods					Get Parameter Names
Developed Coject Download Upload Reboot Factory Reset Get RPC Methods		Overture ACS v2.4.1-constrictor-2	015-06-22 ©2009-2015 Enhanced Telecommu	nications Limited. Page generated in 1.2596 secon	ds. Add Object
Upload Reboot Factory Reset Get RPC Methods					Delete Object
Reboot Factory Reset Get RPC Methods					Upload
Factory Reset Get RPC Methods					Reboot
Get RPC Methods					Factory Reset
End Operation					Get RPC Methods

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





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

ACS powered by netmania									
Home » Devices » Manage D	Home » Devices » Manage Device (CE8084) » New Request (Download)								
Download	phs8-p_r03.001_01.001.07.usf ▼								
OUI:	006064								
Product Class:	6200 Series								
Filetype:	1 Firmware Upgrade Image								
Name:	phs8-p_r03.001_01.001.07.usf								
Description:									
URL	http://60.242.24.140:8080/phs8-p_r03.001_01.001.07.usf								
Username:									
Password:									
File Size:	0								
Target Filename:									
Delay (secs):	0								
Success URL:									
Failure URL:									
Queue Download Canc	el								
	Overture ACS v2.4.1-constrictor-2015-06								

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

		_	<mark>n Home</mark> ♪ Lab Edition - Logged in as <i>netcomm user</i> · last login 264u	Change Password 📾 Logout 1915 18:42 · Timezone Australia/Sydney
me » <u>Devices</u> » Manage Device :: CE8084 [Information Device Data Device Lor	006064-6200 Series] g Device Flagging Communication Lo	g		Requests Device History
OUI	Product Class	Serial #	DeviceType	Queued 📥 Method 🔷 Originator 🔶 Action
006064	6200 Series	CE8084	006064-6200 Series	27Aug15 Download netcomm.user 💟 👄
Description	Created On	First Contacted	Last Contacted	Showing 1 to 1 of 1 entries
NTC-6200-02_Amir	27Aug15 09:00	27Aug15 09:00	27Aug15 09:13	
				Download Request now added to Pending Requests Download Request

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	Uploaded files (Free space: 78.5 M)			
Package manager				
Administration 🗸	File name	Date	Size	Action
Watchdogs	ntc_6200_2.0.36.1.cdi	Aug 27 2015	47.4M	<u>Install Delete</u>
Power management	tr069-temp.usf	Mar 26 2014	9.7M	<u>Install Delete</u>
Reboot				
	Progress: 55%, 5566648 / 10119682 Progress: 55%, 5567304 / 10119682 Progress: 57%, 5769074 / 10119682 Progress: 58%, 5871654 / 10119682 Progress: 68%, 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.

ACS powered by retmans	:: CE8084 [006064-6200 Series]		<u>Â Hor</u> Lab Edition - Logged in as <i>netcomm</i> user - las	<u>ne</u> <u> Cha</u> : login 26Aug15 1	nge Password	logout sia/Sydney	softwa SOLUTIC
Information Device Data	Device Log Device Flagging Commun	ication Log		R	equests Device	e History	
OUI	Product Class	Serial #	DeviceType		End Time	Method	Statu
006064	6200 Series	CE8084	006064-6200 Series		09:12	4 VALUE CHANGE	0
Description	Created On	First Contacted	Last Contacted		27Aug15	4 VALUE CHANGE	0
NTC-6200-02_Amir	27Aug15 09:00	27Aug15 09:00	27Aug15 09:13		27Aug15	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	901
					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