



NTC-990 HSPA Cellular Router

Upgrade Process

Application Software Version 1.57.8



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Table of Contents

NTC-990 HSPA CELLULAR ROUTER.....	1
UPGRADE PROCESS	1
APPLICATION SOFTWARE VERSION 1.57.8.....	1
TABLE OF CONTENTS.....	2
DOCUMENT DESCRIPTION.....	3
<u>1.0 UPGRADE PROCESS.....</u>	<u>4</u>
Upgrade the Cellular Router Application Software.....	4

Document Description

This document is intended to be used as a step-by-step guide for upgrading the NetComm NTC-990 900MHz HSPA Cellular Router from 1.57.1 to the following version:

Router Software Version: 1.57.8

Note this firmware upgrade instruction is applicable only to NTC-990 running router firmware V1.57.1. If you presently have an Application Software version other than V1.57.8 you will need contact NetComm technical support to obtain an upgrade pack at either:

Phone: +61 (02) 9424-2059

Email: TechnicalSupport@netcomm.com.au

You will need the following files available to complete this upgrade procedure:

Router Application Software: upgrade-1.57.1-1.57.8.cramfs (1.15MB)

1.0 Upgrade Process

Upgrade the Cellular Router Application Software

1. Plug the network (CAT5) cable in to the Ethernet port, then plug in the power cable.
2. Log in to the web administration page by opening your web browser and typing in the URL <http://192.168.1.50/> with the following credentials:
 - a. Username: admin
 - b. Password: password

3. Verify that the present “Application Software Version” is 1.57.1^①

If “Application Software Version” is NOT 1.57.1 please contact NetComm for an alternate upgrade pack to suit your software version.

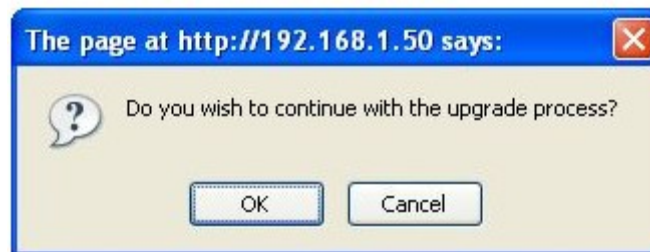
LAN	
IP	192.168.1.50 / 255.255.255.0
MAC Address	00:11:DB:06:06:FA
SYSTEM INFORMATION	
System Up time	00 : 03 : 09
Router Version	Hardware: 1.04_h Software: 1.57.1
Phone Module	Model: MC8792V Hardware: 1.0 Firmware: K1_0_2_18A Temp: 35 C
Serial Number	00:11:DB:06:06:FA
PPP	
PPP Status	DISABLED
PPP IP Address	N/A / N/A
PPP P-t-P	N/A
IPsec	N/A
PPPOE	
PPPoE Status	DISABLED

You will notice that the NTC-990 is running phone module firmware version K1_0_2_18A.

4. Click on the “Application Load/Save” link in the menu bar .
5. Click the “Browse” button and select the application firmware file that is to be updated, which in this case is *upgrade-1.57.1-1.57.8.cramfs* and click “Open”.
6. Now click on “Upload”.

Upload New Firmware:		
File	<input type="text" value="\Desktop\upgrade-1.57.1-1.57.8.cramfs"/> <input type="button" value="Browse..."/>	<input type="button" value="Upload"/>
Note: The whole upgrade procedure can take 2~3 mins.		

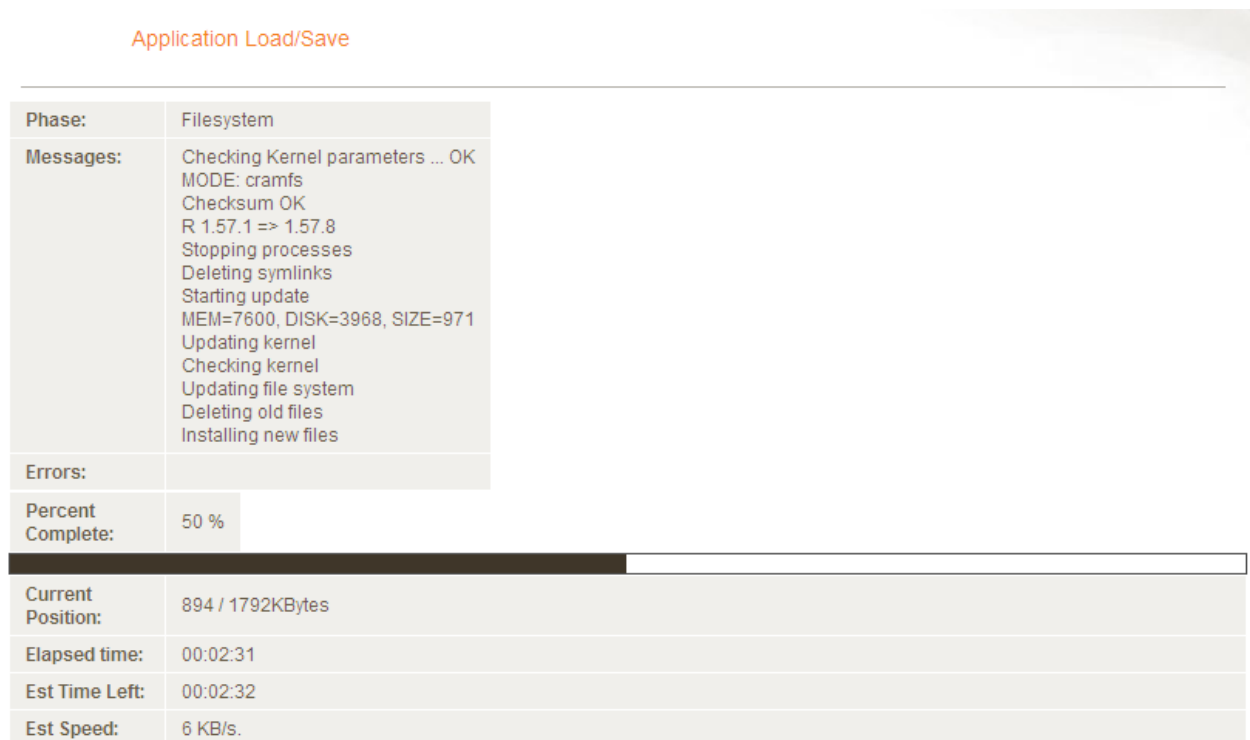
7. Click OK to the below message:



8. Also click OK to the below message:



9. You will now see a progress bar as indicated in the images below, which you will have to wait to finish before you can continue:



10. Once the application upload has finished, you will see the screen below with the
Phase: Finished

Application Load/Save

Phase:	Finished
Messages:	Checking Kernel parameters ... OK MODE: cramfs Checksum OK R 1.57.1 => 1.57.8 Stopping processes Deleting symlinks Starting update MEM=7992, DISK=3972, SIZE=971 Updating kernel Checking kernel Updating file system Deleting old files Installing new files Upgrade was successful (finished=1) Cleaning up Installation has succeeded Finished. The system will shortly reboot itself. This will take about 90 seconds. Do NOT power off during this time. Reload by pressing the Status button until you see the status screen. It may be necessary to restart the Web browser after the upgrade.
Errors:	
Percent Complete:	100%

11. You will need to wait approximately 1 minute for the router to restart (this is done automatically).

Do NOT power off the router.

Close your web browser and log back into the web administration page by opening your web browser and typing in the URL <http://192.168.1.50/>



NetComm NTC-990 Cellular Router

- Status
- LAN
- DHCP
- NAT
- Routing
- SNMP
- Data Connection
- PPTP
- System Monitor
- Modem
- Band
- Security
- DDNS
- Log
- Application Load/Save
- Reboot

Status

LAN

IP

192.168.1.50 / 255.255.255.0

MAC Address

00:11:DB:06:06:FA

System Information

System Up time

00 : 06 : 38

Router Version

Hardware: 1.04_g Software: 1.57.8

Phone Module

Model: MC8792V Hardware: 1.0 Firmware: K1_0_2_18A Temp: 31 C

Serial Number

00:11:DB:06:06:FA

PPP

PPP Status

DISABLED

PPP IP Address

N/A / N/A

PPP P-t-P

N/A

IPsec

N/A

PPPoE

PPPoE Status

DISABLED

PPTP

You have now completed the cellular router software upgrade.