



In order to use the NSE Automated Firmware Upgrade System (NAFUS), the Access Gateway (AG) must respond to ping, network side telnet and ftp access must be allowed as well as having SNMP enabled with the read community configured. These are used during the upgrade process to determine the unit's status during the process. It is recommended that you back up the contents of the flash directory before upgrade. The flash directory is the one you are connected to when you log in via FTP. To do this, using ftp, log into the AG and download a copy of the contents in this directory, including any sub-directories. Next, in the Notices screen, click on the Upgrade your firmware now link. Please fill in all fields and click Next to begin the upgrade.

NSE Automated Firmware Upgrade System (NAFUS)

The firmware upgrade will take about 10 - 15 minutes. Do not close your browser during this time. Please enter and submit your comments to Nomadix at the end of the upgrade.

Before starting the upgrade, ensure the gateway responds to ping, SNMP is enabled with the Read Community configured, and network-side Telnet access and FTP access are not blocked. The gateway will reboot twice during major build upgrades (i.e. version 8.5 to 8.6) and once during minor build upgrades (i.e. version 8.6.xxx to 8.6.yyy). It is recommended that you back up the contents of the flash directory before starting the upgrade. To do this, using FTP, log into the gateway and download a copy of the contents in the current directory, including any sub-directories.

Please read the Nomadix End User License Agreement ("Agreement") included with the Nomadix Product. A copy of this Agreement can be found at: <http://www.nomadix.com/Websites/nomadixweb/images/about/NomadixEULA.pdf>.

The Agreement is a binding agreement between the end user and Nomadix. This Agreement governs the end user's use of this Nomadix Product including its software. By clicking "Next" below and using this software, you indicate your acceptance of the Agreement.

I agree to the terms and conditions of the Nomadix End User License Agreement.

** All fields are required*

NSE Administration User Name *	<input type="text"/>
NSE Administration Password *	<input type="password"/>
IP Address *	<input type="text"/>
Telnet Port *	<input type="text" value="23"/> Default Telnet Port is 23. If configured to another port, enter that port number instead.
SNMP Listening Port *	<input type="text" value="161"/> Default SNMP Listening Port is 161. If configured to another port, enter that port number instead.



SNMP Read-only
Community String *

Email Address *

Step <1>: Pinging the gateway... Gateway reachable in 1 ms

Step <2>: Verifying current model & firmware information...

Select the firmware version to use for the update and then click "Next".

Select Firmware Version	Status	Release Date
8.9.017	Preferred	May 04 2017 Readme

Next	Cancel
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Step <3>: Select Firmware Version to upgrade to...OK

Step <4>: Uploading firmware image 1425364758_firmware_AG5900__v8.9.017.zip...

Step <5>: FTP Session established. Checking for any existing firmware packages...

Uploading firmware package

Local file: 1425364758_firmware_AG5900__v8.9.017.zip

Local file size: 6987992 bytes

Remote file: firmware_AG5900__v8.9.017.zip

#####

Transfer complete, verifying package size...OK

Step <6>: Performing upgrade...

Step <7>: Firmware image is being extracted, and NSE will shortly reboot.

Waiting for reboot (max 50 pings)...

0. ping ... pong!

1. ping ... pong!

2. ping ... pong!

3. ping ... pong!

4. ping ... no reply

5. ping ... no reply

6. ping ... no reply

7. ping ... NSE appears to be rebooting...OK

Step <8>: Waiting for NSE to come back online (max 50 pings)...

0. ping ... no reply

1. ping ... pong!

2. ping ... pong!

3. ping ... pong!

4. ping ... pong!



5. ping ... OK...NSE is back online.

Step <9>: Waiting 30 seconds before verifying post-upgrade firmware version
Upgrade complete.

NSE is now running version 8.9.017

Step <10>: Updating the license key...

Step <11>: The NSE will now try to contact the Nomadix License Key Server.

Please wait....

OK...Received key from License Key Server.

If the license key is successfully processed the NSE will reboot...

Waiting for reboot (max 15 pings)...

0. ping ... no reply

1. ping ...

2. ping ... NSE appears to be rebooting...OK

Step <12>: Waiting for NSE to come back online (max 15 pings)...

0. ping ... no reply

1. ping ... no reply

2. ping ...

2. ping ... pong!

3. ping ... pong!

4. ping ... pong!

5. ping ... pong!

6. ping ... OK...NSE is back online.

Step <13>: Waiting 30 seconds before verifying post-license update model...

2. ping ... pong!

3. ping ... pong!

4. ping ... pong!

5. ping ... pong!

6. ping ... OK...NSE is back online.

License update complete.

Step <14>: Logging successful upgrade/license update...

Upgrade and license update are complete. NSE is now running firmware version 8.9.017.

Enter any comments you would like to share with Nomadix about this upgrade and then click "Submit".

5. ping ... pong!

6. ping ... OK...NSE is back online.