

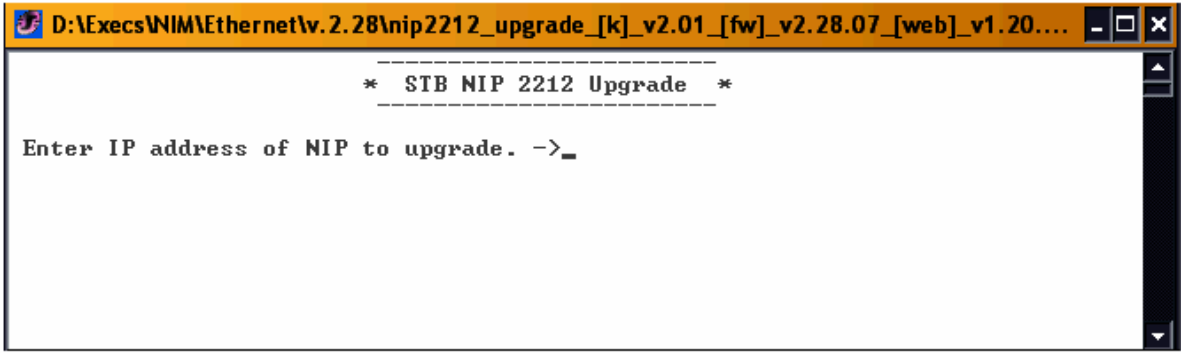
# STBNIP2212 Ethernet NIM Upgrade Procedure

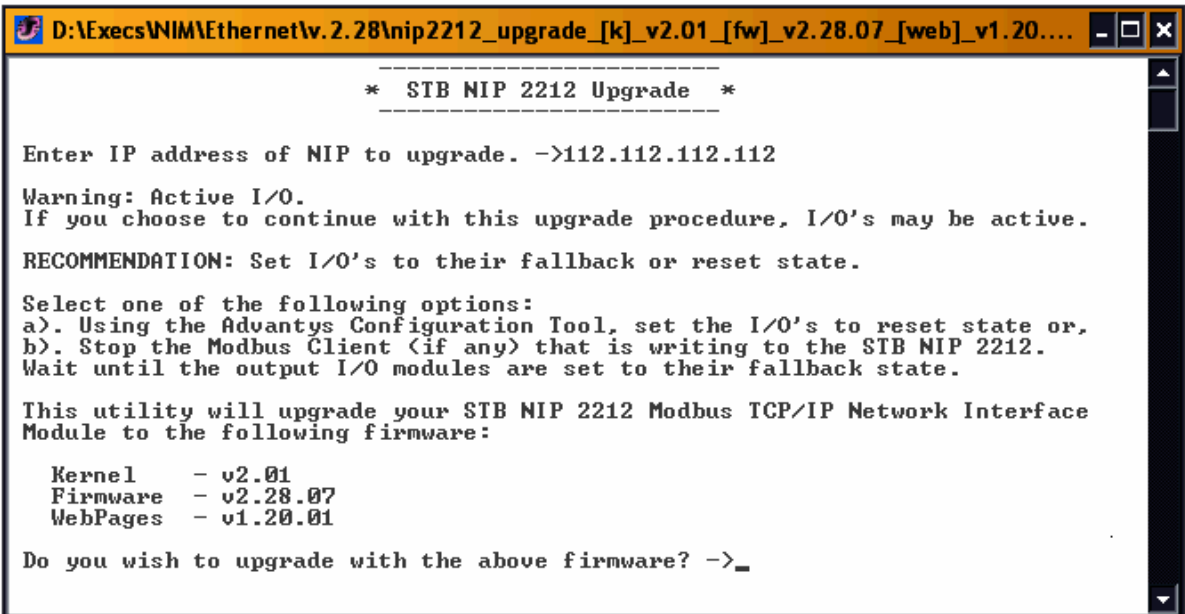
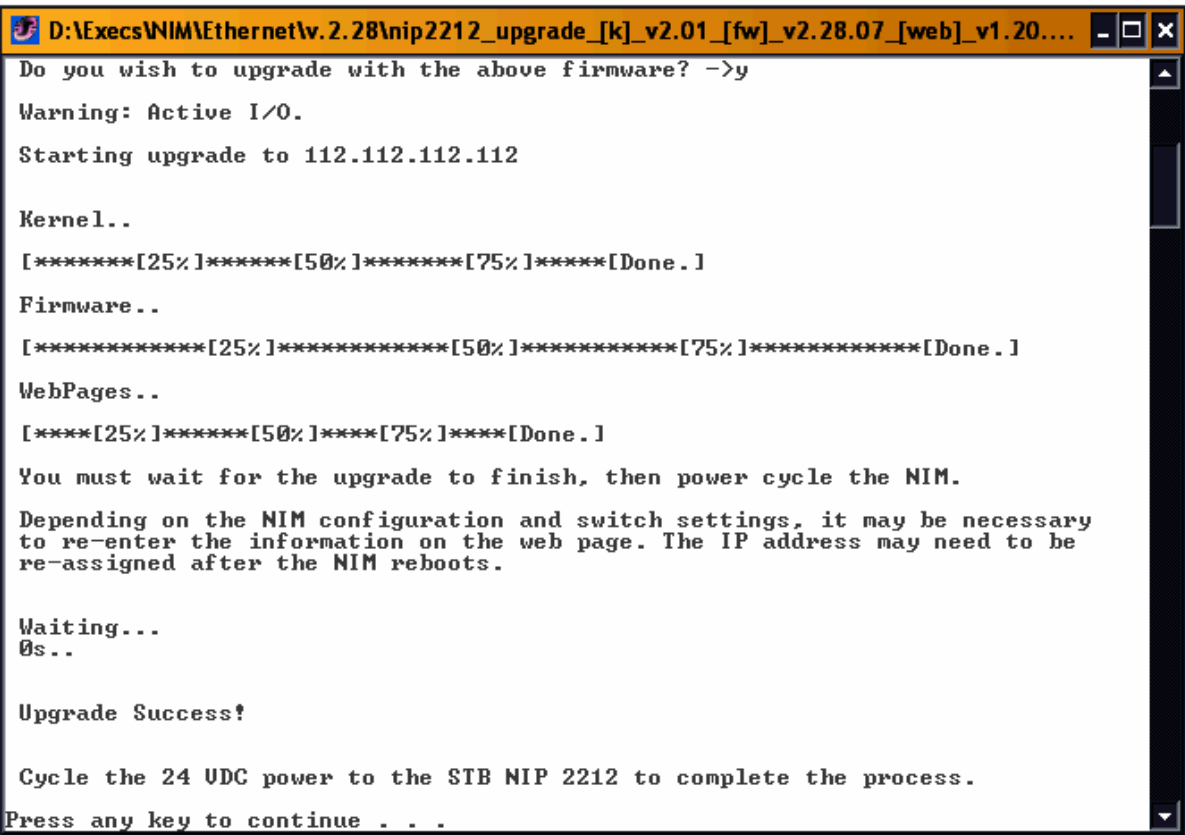
Exec v.2.28

Kernel v.2.01

Web 1.20.01

- Filename: [nip2212\\_upgrade\\_\[k\]\\_v2.01\\_\[fw\]\\_v2.28.07\\_\[web\]\\_v1.20.01.exe](#) is an executable file that contains the new Loader Utility, Exec, Kernel, and web files in one single file.
- Before attempting to download the STBNIP2212 Exec firmware, make sure the NIM has successfully completed its diagnostic steps and is operational when powered up. If an attempt is made to upgrade the firmware before the NIM is in the operational state, the firmware upgrade may fail. If this occurs, the NIM may not respond to the assigned IP address. To recover from this, select the bootp setting on the rotary switches and then power cycle the NIM and reassign the IP via a bootp server. At this time, an IP address can be assigned to the NIM.
- During download of the firmware to the NIM, do not power cycle or remove the communication cable until it is completed. If this situation occurs, the NIM may not respond to the assigned IP address. To recover from this, select the bootp setting on the rotary switches and then power cycle the NIM and reassign the IP via a bootp server. At this time, an IP address can be assigned to the NIM.

Step	Action
1.	Copy the <a href="#">nip2212_upgrade_[k]_v2.01_[fw]_v2.28.07_[web]_v1.20.01.exe</a> file acquired from Schneider Electric to a directory.
2.	<p><b>Exec Upgrade</b></p> <p>From the directory where the file is installed, double-click on the file name <a href="#">nip2212_upgrade_[k]_v2.01_[fw]_v2.28.07_[web]_v1.20.01.exe</a> to run the utility and the following screen will appear.</p> 

Step	Action
3.	<p>Enter the IP address of the STBNIP2212 you want to upgrade and press &lt;ENTER&gt;.</p>  <pre> ----- *   STB NIP 2212 Upgrade   * -----  Enter IP address of NIP to upgrade. -&gt;112.112.112.112  Warning: Active I/O. If you choose to continue with this upgrade procedure, I/O's may be active. RECOMMENDATION: Set I/O's to their fallback or reset state.  Select one of the following options: a). Using the Advantys Configuration Tool, set the I/O's to reset state or, b). Stop the Modbus Client &lt;if any&gt; that is writing to the STB NIP 2212. Wait until the output I/O modules are set to their fallback state.  This utility will upgrade your STB NIP 2212 Modbus TCP/IP Network Interface Module to the following firmware:  Kernel      - v2.01 Firmware    - v2.28.07 WebPages    - v1.20.01  Do you wish to upgrade with the above firmware? -&gt;_ </pre>
4.	<p>To continue with the upgrade, type <b>y</b> and press &lt;ENTER&gt;. The utility will show the progress of the Kernel, Exec, and Web page downloads.</p>  <pre> D:\Execs\NIM\Ethernet\l.v.2.28\nip2212_upgrade_[k]_v2.01_[fw]_v2.28.07_[web]_v1.20....  Do you wish to upgrade with the above firmware? -&gt;y  Warning: Active I/O.  Starting upgrade to 112.112.112.112  Kernel.. [*****[25%]*****[50%]*****[75%]*****[Done.]]  Firmware.. [*****[25%]*****[50%]*****[75%]*****[Done.]]  WebPages.. [****[25%]*****[50%]****[75%]****[Done.]]  You must wait for the upgrade to finish, then power cycle the NIM.  Depending on the NIM configuration and switch settings, it may be necessary to re-enter the information on the web page. The IP address may need to be re-assigned after the NIM reboots.  Waiting... 0s..  Upgrade Success!  Cycle the 24 VDC power to the STB NIP 2212 to complete the process. Press any key to continue . . . </pre>
5.	<p>Press any key to Exit the utility loader. Power cycle the 24 VDC power to the STBNIP2212 to complete the process then verify the Kernel, Exec, and Web page upgrade by viewing the NIM web pages.</p>