

Upgrade Procedures - Advantys STB NIP 2212

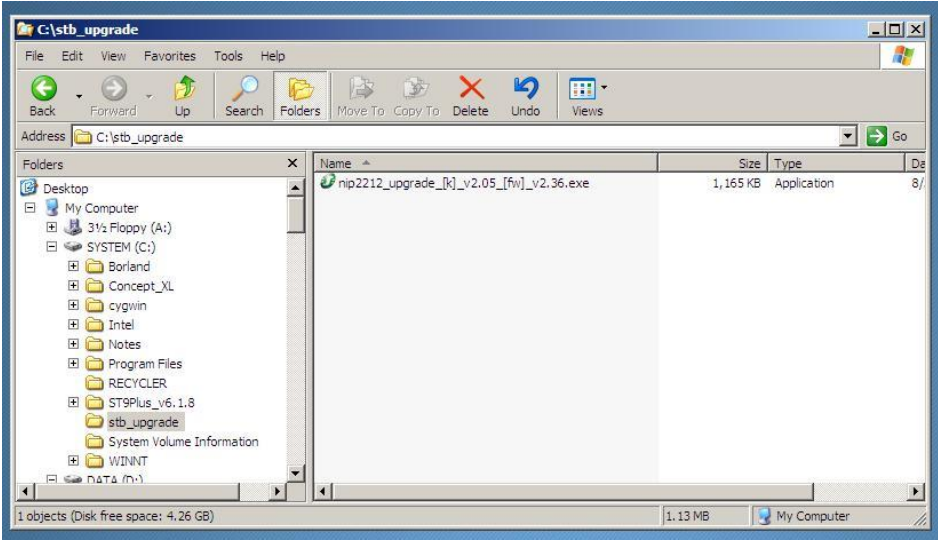
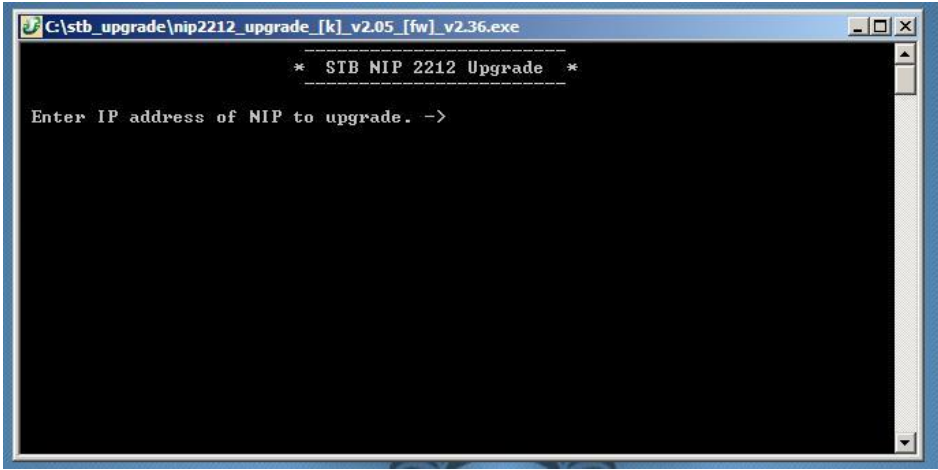
COPYRIGHT (C), 2003-07, SCHNEIDER AUTOMATION INC, ALL RIGHTS RESERVED.NO PART OF THIS DOCUMENT MAY BE REPRODUCED IN ANY FORM WITHOUT THE EXPRESSED WRITTEN PERMISSION OF SCHNEIDER AUTOMATION INC

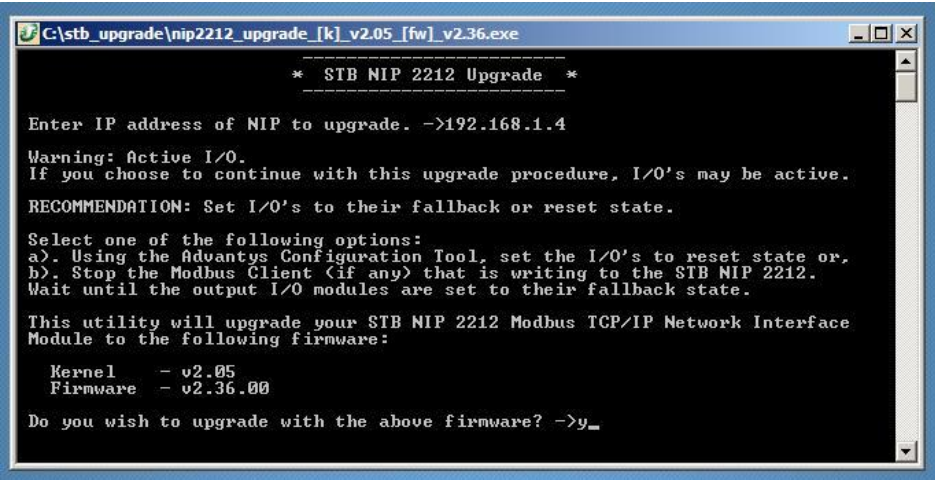
Purpose	The purpose of this document is to provide Schneider Electric Manufacturing in Carros with step by step instructions for performing firmware upgrades to the Advantys STB NIP 2212.
----------------	---

**Please note that the files provided to perform the upgrade have not been verified or qualified and must not be provided to anyone outside of Schneider Electric **.
--

Computing Environment	To perform this upgrade the following computing environment is required: • An IBM-compatible computer running either Windows NT 4.0 (or later), Windows 2000 or Windows XP AND • An active TCP/IP network connection to the STB NIP 2212 to be upgraded. You must know the IP address of the STB NIP 2212 to be upgraded.
------------------------------	---

Upgrade Preparation & Procedure	To prepare for the upgrade you will be required to acquire the upgrade package from Schneider Electric. • Acquire the main upgrade file embedded with the released firmware, nip2212_upgrade_xxx.exe • Create a folder to store the upgrade package in, such as "C:\stb_upgrade\" • The following procedure will complete the upgrade:
--	--

Step	Action
1.	From the directory you saved the upgrade package to double-click the executable. For example: 
2.	You will be prompted to enter the STB NIP 2212's IP address. Do so and press Enter. For Example: 

Step	Action
3.	Confirm the procedure by typing “y” and pressing Enter. For Example: 

4. Upgrade process complete, press Enter to exit.
For Example:



```
C:\stb_upgrade\nip2212_upgrade_[k]_v2.05_[fw]_v2.36.exe

* STB NIP 2212 Upgrade *

Enter IP address of NIP to upgrade. ->192.168.1.4

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 (if any) 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    - v2.05
    Firmware  - v2.36.00

Do you wish to upgrade with the above firmware? ->y

Warning: Active I/O.

Starting upgrade to 192.168.1.4

Kernel..
[*****[25%]*****[50%]*****[75%]*****[Done.]]

Firmware..
[*****[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 UDC power to the STB NIP 2212 to complete the process.
Press any key to continue . . .
```

5.

When the STB NIP 2212 has completed its reboot, you can go to the “Properties” page and verify the Kernel/Executive/Web.
For Example:

The screenshot displays the web interface for the STB NIP 2212 - STANDARD. The header is blue with the Telemecanique logo on the left and the title 'STB NIP 2212 - STANDARD' in the center. Below the title, it shows 'Role Name: No Rolename' and 'IP: 205.217.193.90'. On the right, there are links for 'Home' and 'Help'. A navigation bar below the header contains links: 'Properties' (highlighted in yellow), 'Configuration', 'Support', 'Security', and 'Diagnostics'. To the right of the navigation bar is a small icon of a computer monitor. The main content area is a yellow box containing a list of system parameters, each with a label and a text input field showing the current value:

Kernel Version:	1.6.0
Exec Version:	1.12.0
Web Site:	1.10.0
SNMP:	2.0
HTTP:	1.1
DHCP:	1.0
BootP:	1.0
Modbus Serial:	1.0
Modbus TCP:	1.0

At the bottom of the page, there is a footer line that reads 'Schneider Electric Inc., ©1998-2003'.

If so, the upgrade has been successfully completed.