Configuring your Europa Plus to work with latest Test n Tag Cartridges?

Firmware Compatibility

As part of our ongoing commitment to quality, Seaward have released a new cartridge for use with the Test n Tag printer. Some users may find an incompatibility between their current set up and the new cartridges.

If this is the case when attempting to print a label using these new cartridges, the Supernova or Europa Plus will display the following message;

"Incompatible Media ……"

In this instance, updating the firmware inside your test instrument to the latest version will allow support for the new type cartridges. Full instructions for the firmware upgrade can be found at the bottom of this application note.

Print Density

It is recommended that the density of the print is reduced to 70%, from the current default of 100%. This is to prevent overheating of the black print ribbon, which in certain circumstances could cause it to stick to the label and pull the black ribbon out of the cartridge.

When at the label print preview screen, the user has the option to change the density. Scroll to Print Density and press the green button to alter the value. As shown in the screen shot below. When selecting either a panel label or cable to print, the tester will display "STORING SYSTEM DATA"

before printing the label. All future labels will be printed with density 80%.

```
┌──────────────────────────────┐
│   ║│║││║│║│║││║║│║│║║││║      │
├──────────────┬───────────────┤
│ Asset ID:    │ Last Test:    │
│ 12345        │ 30/10/2009    │
├──────────┬───┴───┬───────────┤
│ Status:  │Tested By:│ Next Test: │
│ PASS     │       │ 30/10/2010  │
└──────────┴───────┴───────────┘
```

```
┌──────────────────────────────┐
│─TEST'N'TAG LABEL OPTIONS──│
│   PRINT AS PANEL LABEL      │
│ PRINT AS CABLE WRAP LABEL   │
│   LABEL IS NOT REQUIRED     │
│                             │
│   CHANGE LABEL FORMAT       │
│ PRINT DENSITY (80%)         │
└──────────────────────────────┘
```

NOT   CABLE   PANEL
REQD   WRAP   LABEL

Firmware Upgrade Instructions for Supernova / Europa Plus

The firmware within the Supernova Plus and Europa Plus can be upgraded via the user by downloading the appropriate file from the Downloads section on the Seaward Website. www.seaward.com

WARNING: The update process may corrupt the test results in the memory. If the results in the memory are still valid, please ensure you have downloaded them to your software or printed prior to following this update procedure.

The file will be downloaded in zip format, and will need to be extracted before the upgrade can commence. Once extracted you will find 3 files;

SNEUPROG.EXE – The file transfer programme

Read Me 1st (Plus).txt – The instructions

SNEU.XXZ.txt – The actual firmware file

PC software compatibility

CAUTION: Not all PC software versions are compatible with the new version of the firmware. Please see below for compatible versions.

It may be necessary to update your software, please contact your supplier for clarification.

The following PATS software versions are compatible.

PATS SOFTWARE

PATS / PATS+ (Dos) version 5.4f or higher

PATSwin version 1.05 or higher

PATS Plus Windows 95/NT version 1.03.15 or higher

SAFETY 1ST SOFTWARE

Safety 1st / Safety 1st+ (Dos) version 5.4f or higher

Safety 1st+ Windows 95/NT version 1.03.15 (diskette) and version 2.1.4 (CD) or higher

For other PATS software please check with your supplier.

Pre update instructions

Close down all other programs on your PC, particularly those which may use the serial port you need to use to the code loading.

Attach the serial download lead (the same one used to transfer your results) to an unused serial port on your computer and to the 9 way D connector (RS232) on the tester. Ensure you know serial port the lead is plugged into on the PC (Com 1, Com 2 etc) for later use in the program. Do not use a USB to Serial adaptor to perform this update, it will NOT facilitate the transfer.
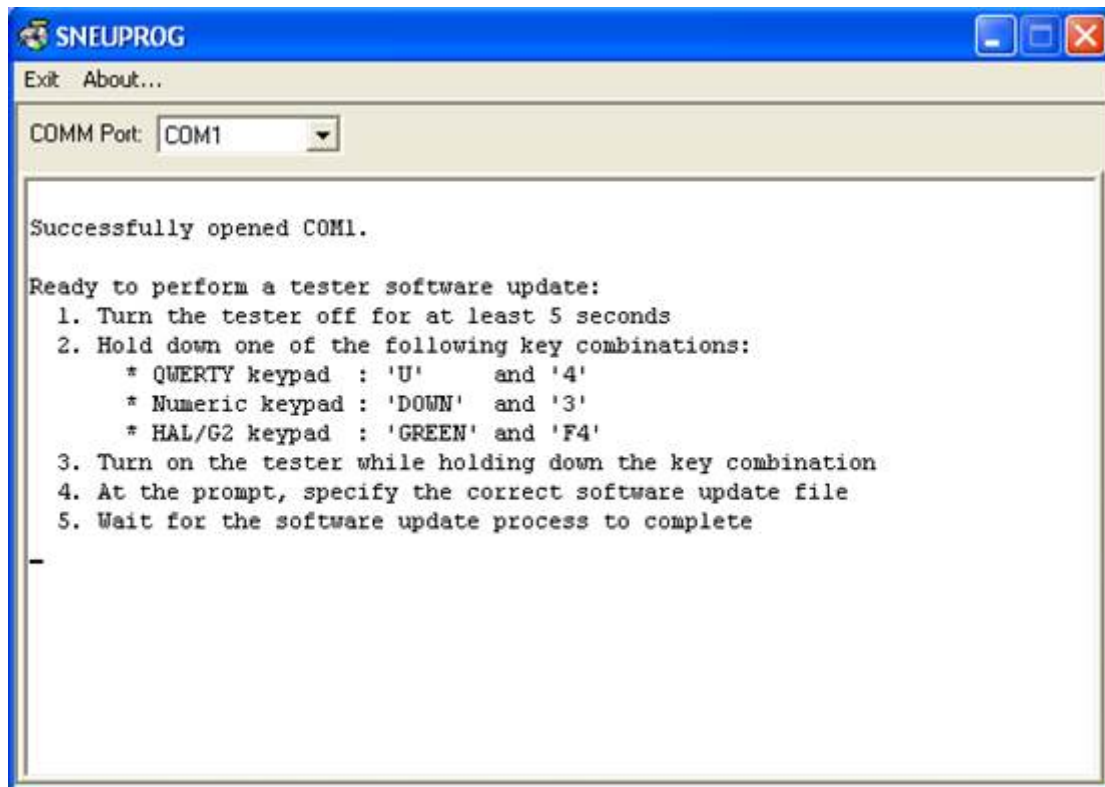
Procedure

Windows 95 & Above:

Double click on the SNEUPROG.EXE icon. The following box will appear;

Select the appropriate serial (COM) port.

Switch on the tester while holding down the U and 4 keys on the keypad of the test instrument.

The tester will bleep and a message will appear in the tester screen.
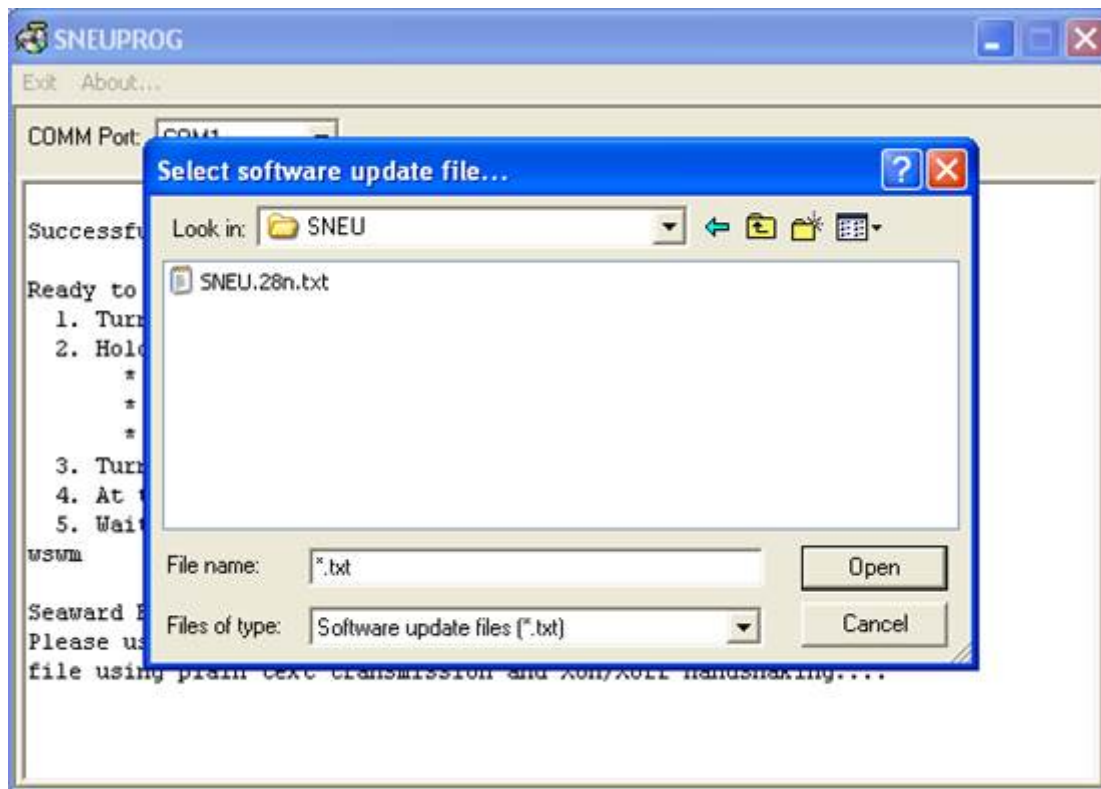

HARDWARE VERSION *.**

--- SOFTWARE UPDATE ---

9600, 8, 1, N, XON/XOFF

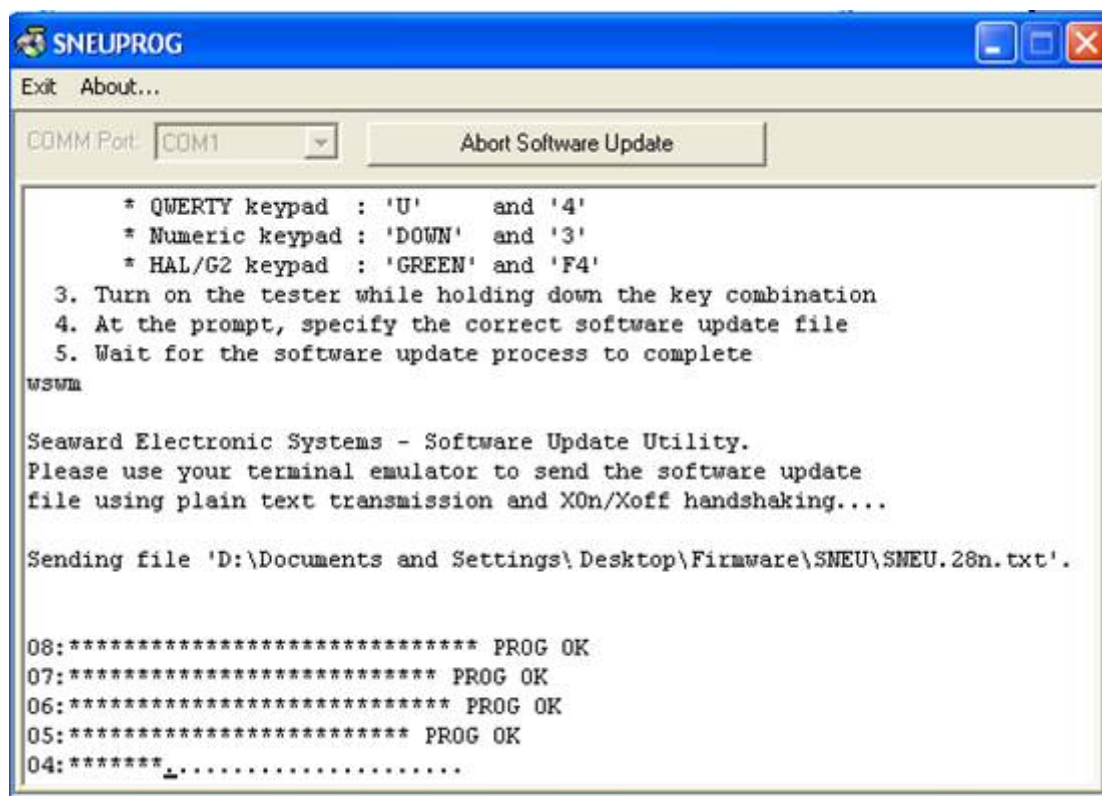A message will appear in the program text window as shown...

Seaward Electronic Systems - Software Update Utility. Please use your terminal emulator to send the software update file using plain text transmission and XOn/Xoff handshaking....

At the same time a box will appear prompting you to select the SNEU.XXX.txt file. Find this file and double click on it to begin the update procedure.

The file will be sent to the tester, this may take several minutes.

Information in the text window is for diagnostic purposes, and to satisfy the user that transfer is taking place. During the transfer process the test instrument should beep at a continuous rate. The transfer program will display the following.

```
SNEUPROG                                            _ □ ✕

Exit  About...

COMM Port: COM1        ▼        Abort Software Update

     * QWERTY keypad  : 'U'     and '4'
     * Numeric keypad : 'DOWN'  and '3'
     * HAL/G2 keypad  : 'GREEN' and 'F4'
  3. Turn on the tester while holding down the key combination
  4. At the prompt, specify the correct software update file
  5. Wait for the software update process to complete
wswm

Seaward Electronic Systems - Software Update Utility.
Please use your terminal emulator to send the software update
file using plain text transmission and XOn/Xoff handshaking....

Sending file 'D:\Documents and Settings\ Desktop\Firmware\SNEU\SNEU.28n.txt'.


08:**************************** PROG OK
07:*************************** PROG OK
06:*************************** PROG OK
05:*********************** PROG OK
04:*******_....................
```

Do NOT interrupt the data transfer to the tester. If this transfer is aborted, the tester operating program will not be fully updated, resulting in probable failure of the tester, even though this may not be obvious on a short test. If the data transfer is aborted a successful code loading MUST take place before the tester is used again.

At the completion of the code loading process a message appears in the text window.

UPDATE SUCCESSFULLY COMPLETED

Click on the OK button in the completion box, and close the program by clicking the OK box.

Switch off the tester. - Normal operation with the updated code will start the next time the tester is switched on normally.

If you require more help, please contact us at
https://www.seaward.com/login/enquire/.