

The symbols in the purple sections represent the various administrator logins. Use these symbols to locate the correct location within the hex data. The  $\tilde{A}$  symbol is hex code 0xC3.

$\tilde{A}[$  = admin 0 (supervisor)

$\tilde{A}\backslash$  = admin 1 (primary admin)

$\tilde{A}]$  = admin 2

$\tilde{A}^{\wedge}$  = Admin 3

$\tilde{A}_{-}$  = admin 4

The pink sections represent the user names for each of the admin/supervisor logins as indicated by the purple reference symbols. In this example, the username for admin 0 ( $\tilde{A}[$ ) is supervisor.

The green sections represent the passwords for each of the preceding usernames. These values are encrypted, so they cannot be read directly. A series of 'r' characters represents a blank password.

```

0001DF80 .....ip>>.....W
0001DFA0 .Ð.....<..UAD7.. $\tilde{A}[$ ...supervisor
0001DFC0 .....
0001DFE0 ..... $\tilde{A}\backslash$ ...ad
0001E000 min.....rr
0001E020 .....
0001E040 .....
0001E060  $\tilde{A}]$ .....
0001E080 .....
0001E0A0 .....
0001E0C0 ..... $\tilde{A}^{\wedge}$ .....
0001E0E0 .....
0001E100 .....
0001E120 ..... $\tilde{A}_{-}$ .....
0001E140 .....
0001E160 .....
0001E180 .....
0001E1A0 .....

```

The easiest way to gain access to the machine is to clear the admin 0 username and password. You can then log into the web monitor as supervisor, and change all of the other admin usernames and passwords from there.

#### Instructions:

- Download and install a hex editor (Google "HxD").
- Upload your machine's NVRAM to an SD card (SP5824).
- Insert the SD card in your PC and save a backup copy of the NVRAM folder on your desktop. Open the NVRAM data file (L1234567890.nv)

on the SD card with the hex editor.

- Use the search function to locate the characters  $\tilde{A}[$  . For the B222 and B230, it is located at 0001DFB0.
- After the four (4) '.' (period) characters, overwrite the existing admin 0 username with supervisor
- After the series of '.' (periods) that follow supervisor, replace any existing symbols with the lowercase 'r' character.
- Save the NVRAM file (do not change filename) to the SD card.
- Download the new NVRAM data to the machine (SP5825). Restart the machine and log into the web monitor with username "supervisor" and no password.

**Important:** All of the '.' (period) characters *must* remain unchanged. If you need to replace any of the '.' characters, copy and paste one of the existing '.' characters.