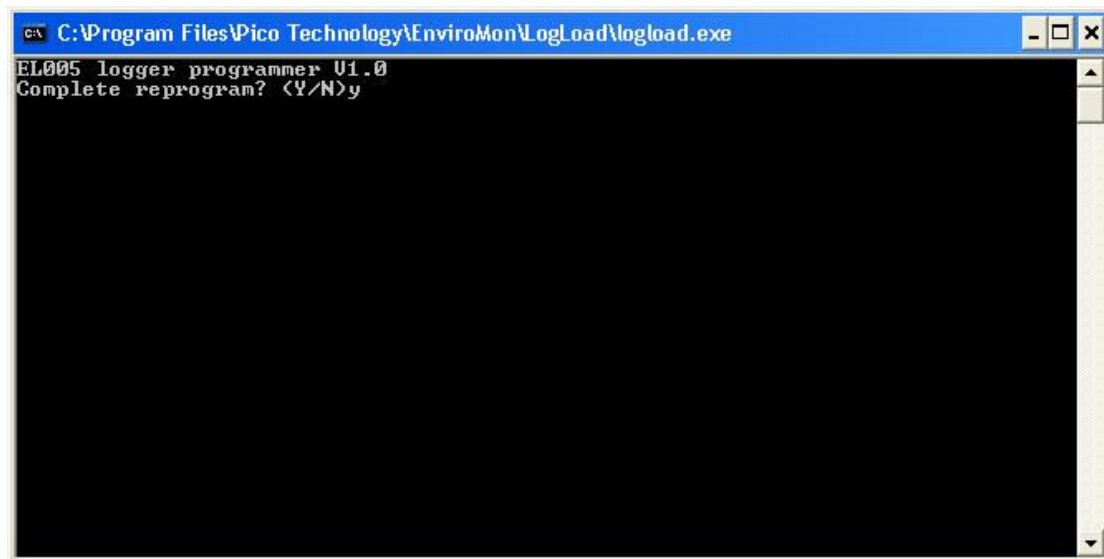
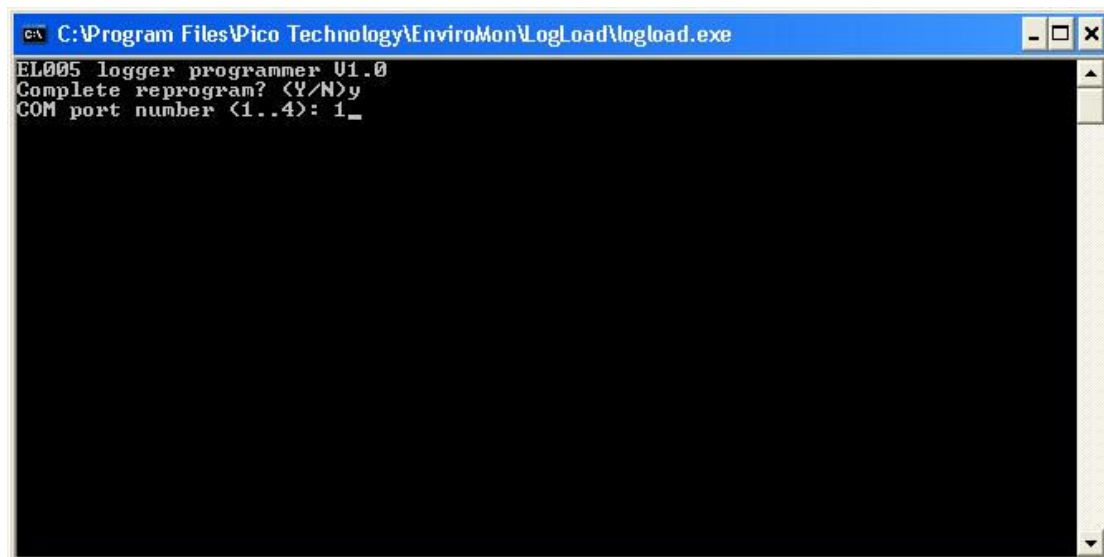


How to update your EnviroMon data logger firmware using LogLoad

1. Power the logger and connect it to the COM port.
2. Ensure that no converters are connected to the logger.
3. Run logload.exe (this can be found in c:\Program Files\Pico Technology\EnviroMon\LogLoad\):



4. Select the COM port number:



5. Reset the unit using a paper clip:



A screenshot of a Windows command prompt window titled "C:\Program Files\Pico Technology\EnviroMon\LogLoad\logload.exe". The text inside the window reads: "EL005 logger programmer V1.0", "Complete reprogram? (Y/N)y", "COM port number (1..4): 1", "If the red LED on the logger is OFF or FLASHING...", "reset the unit by pressing a paperclip gently into the hole", "between the serial port connector and the LED", "<it may be covered by a small green label", "When the red light is on continuously for five seconds,", "press the Enter key on the keyboard".

6. Hit the Enter key when the red LED lights up continuously:



A screenshot of the same LogLoad.exe application window. The text now shows the progress of the reprogramming: "Starting erase...", "synchronising...", "Sync succeeded", "Starting erase", "Erase completed...", "Programming the loader", "synchronising...", "Sync succeeded", followed by a list of hexadecimal addresses: "0000", "0100", "0200", "0300", "0400", "0500", "0600".

7. This may take a few minutes while it goes through the first programming stage.



A screenshot of a Windows command prompt window titled "C:\Program Files\Pico Technology\EnviroMon\LogLoad\logload.exe". The window has a black background with white text. On the left side, there is a vertical list of memory addresses from 1000 to 1f00 in increments of 100. The main text area displays the following instructions: "Resetting boot...", "Programming completed... power down to restart", "Loader programmed successfully", "Reset the unit by pressing a paperclip gently into the hole between the serial port connector and the LED (it may be covered by a small green label)", "When the red light is flashing, press the Enter key on the keyboard".

```
C:\Program Files\Pico Technology\EnviroMon\LogLoad\logload.exe
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
1a00
1b00
1c00
1d00
1e00
1f00
Resetting boot...
Programming completed... power down to restart
Loader programmed successfully
Reset the unit by pressing a paperclip gently into the hole
between the serial port connector and the LED
(it may be covered by a small green label)
When the red light is flashing,
press the Enter key on the keyboard
```

8. Next hit the reset button again so that the LED starts flashing, then press any key to complete the final stage of programming.



A screenshot of the same Windows command prompt window as above. The vertical list of memory addresses now starts at 1b00 and goes up to 4400. The main text area displays the following instructions: "Resetting boot...", "Programming completed... power down to restart", "Loader programmed successfully", "Reset the unit by pressing a paperclip gently into the hole between the serial port connector and the LED (it may be covered by a small green label)", "When the red light is flashing, press the Enter key on the keyboard", "Contacting logger...", "Halting...".

```
C:\Program Files\Pico Technology\EnviroMon\LogLoad\logload.exe
1b00
1c00
1d00
1e00
1f00
Resetting boot...
Programming completed... power down to restart
Loader programmed successfully
Reset the unit by pressing a paperclip gently into the hole
between the serial port connector and the LED
(it may be covered by a small green label)
When the red light is flashing,
press the Enter key on the keyboard
Contacting logger...
Halting...
4000
4080
4100
4180
4200
4280
4300
4380
4400
```

9. A successfully programmed unit should show the following:



The screenshot shows a Windows command prompt window with the title bar "C:\Program Files\Pico Technology\EnviroMon\LogLoad\logload.exe". The window contains the following text:

```
ed80
ee00
ee80
ef00
ef80
f000
f080
f100
f180
f200
f280
f300
f380
f400
f480
f500
f580
f600
f680
f700
f780
result = 1
Result = Success
Program another unit? (Y/N)
```