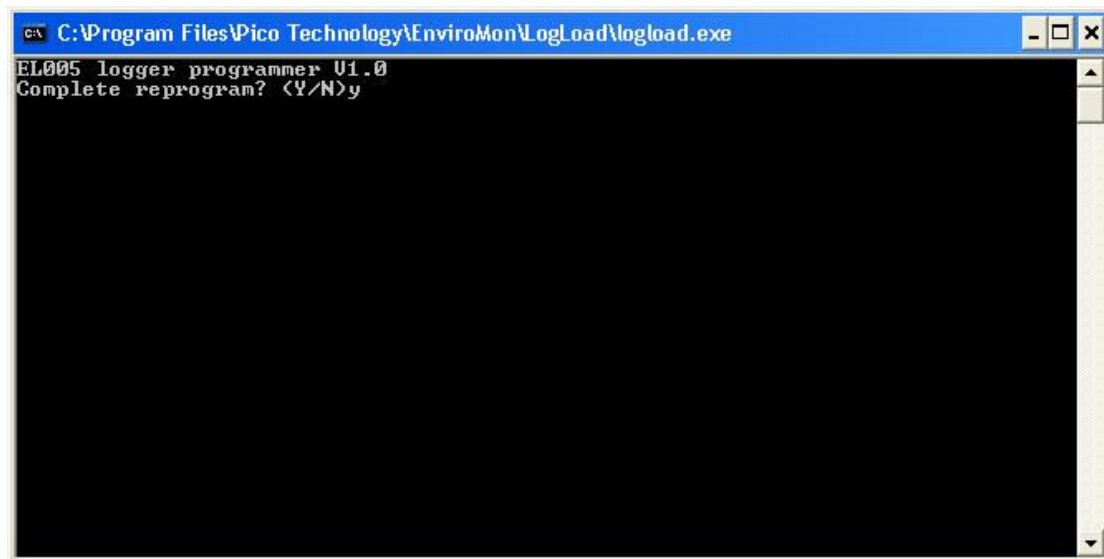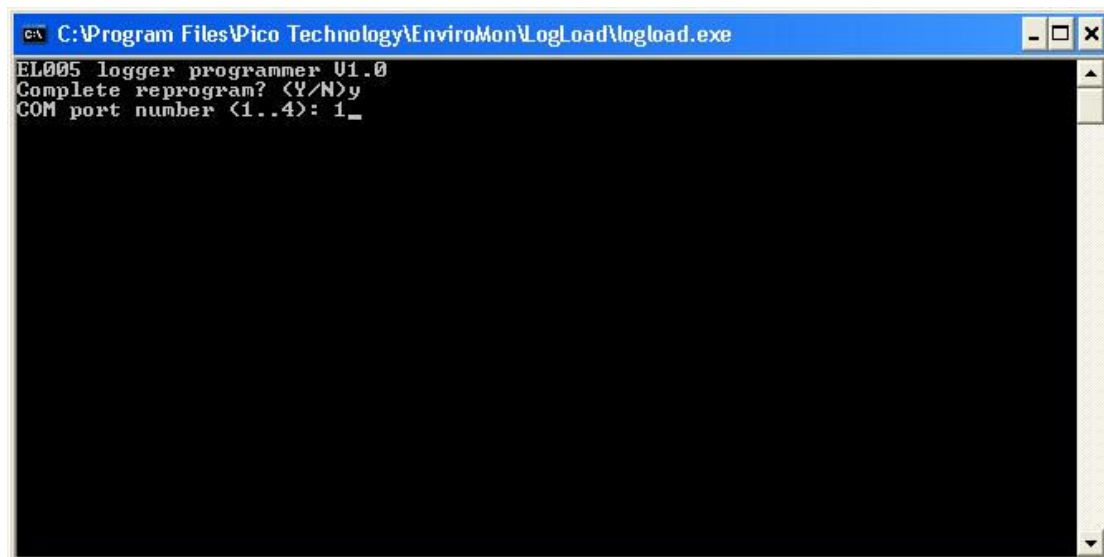# How to update your EnviroMon data logger firmware using LogLoad

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\):

```
C:\Program Files\Pico Technology\EnviroMon\LogLoad\logload.exe
EL005 logger programmer V1.0
Complete reprogram? (Y/N)y
```

4. Select the COM port number:

```
C:\Program Files\Pico Technology\EnviroMon\LogLoad\logload.exe
EL005 logger programmer V1.0
Complete reprogram? (Y/N)y
COM port number (1..4): 1_
```

5. Reset the unit using a paper clip:

```
C:\Program Files\Pico Technology\EnviroMon\LogLoad\logload.exe

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:


```
C:\Program Files\Pico Technology\EnviroMon\LogLoad\logload.exe

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
Starting erase...
synchronising...
Sync succeeded
Starting erase
Erase completed...
Programming the loader
synchronising...
Sync succeeded
0000
0100
0200
0300
0400
0500
0600
```

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


```
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.


```
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: