# Installing New Software on an 596 from DOS

Installing new software in an 596 via its RS232 port can be done from DOS rather than the Meridian windows application. This is useful for three reasons. Firstly it is typically twice as fast, secondly it avoids problems with some laptops which have power management software and turn themselves off, and thirdly it can rescue the 596 if an error has occurred when installing new software from Windows.

1. Copy the attached files, 596_11a.mfu and 596_11b.mfu into the directory 'c:\program files\meridian\meridian'.
2. Close all programs which use the serial port you wish to connect to the 596, including the Meridian application.
3. Open a DOS window using the 'Start' button then 'Programs'/'MS-DOS Prompt'.
4. Change directories to the directory with the Meridian Files by typing;

   ```
   cd \progra~1\meridian\meridian
   ```

5. Connect the serial port to the 596. The 596 should be turned off.
6. Type the following,

   for COM1:             `fupload 596_11a.mfu`

   or for COM2:          `fupload 596_11a.mfu /c2`

7. The computer will reply:

   ```
   Negotiating flash upload - turn product off then on
   to begin..
   ```

8. Turn on the 596. The display will first give an `Erasing Sectors` message, followed by a `Downloading..` message. If these do not appear, you may have selected the wrong serial port or not closed a program which is using it.
9. You can watch the progress on the computer screen. DO NOT TYPE ANYTHING OR INTERFERE WITH WINDOWS WHILST THIS IN PROGRESS. It takes typically 2-3 minutes.
10. When the process is complete, the product will automatically return to standby with the new software running.
11. You also need to fupload 596_11b.mfu. Turn the 596 off, type
    `fupload 596_11b.mfu`
    or `fupload 596_11b.mfu /c2,`
    turn the 596 on and wait for the programming to complete.