

Upgrading a 16-bit application to its 32-bit equivalent

Before replacing a 16-bit CPU board with the new 32-bit version, you must first upgrade the 16-bit application to its 32-bit equivalent.

Note: The following types of gas chromatograph can be upgraded to the 32-bit LX-800 CPU board:

- Model 500
- Model 700
- Model 1000
- Model 1000A

Note: This procedure applies to MON2000 version 4.04 or later.

Choosing the appropriate 32-bit application

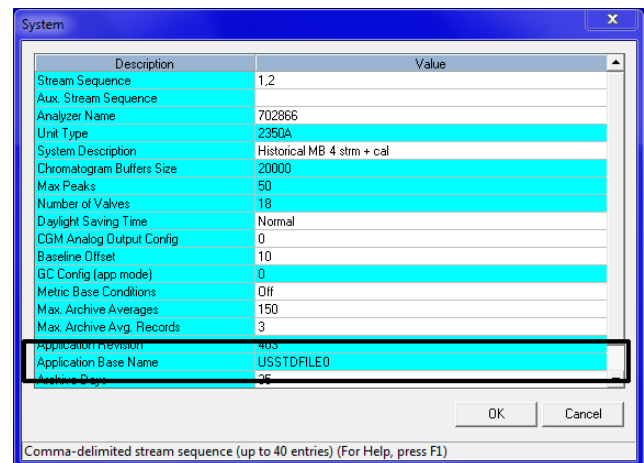
Before performing the upgrade, you need to know the file names of the 16-bit application and its 32-bit equivalent.

If you don't know the filename of the 16-bit application that you intend upgrade, you can call Customer Support at 1-713-827-6314 to learn it. Be prepared to supply a sales order number or a GC serial number.

Once you know the filename of the appropriate 16-bit application, do the following to learn its *Application Base Name*, which will aid you in learning the file name of the 16-bit application's 32-bit equivalent:

1. Select **File** → **Offline Edit** → **File Selection....** The *Open GC Application File* dialog displays.

2. Locate the appropriate 16-bit application file and select it. Click **Open**.
3. Select **System** from the **Application** menu. The *System* window displays.



4. The *Application Base Name* is located at the bottom of the window. Make note of it.
5. Click **OK** to close the window.

When you know the *Application Base Name* of the 16-bit application, consult the appropriate table below to learn the file name of its 32-bit equivalent.

Table 1: Model 500 and Model 1000

Application Base Name	32-bit Application File Name
USASTD1A	Energy Measurement C6+ 4 min (2350A_Mode0_v4XX).APP
USADUAL1	Energy Measurement C9+ 5 min (2350A_Mode1_v4XX).APP
ISOSNGLSTD1	ISO Energy Measurement C6+ 4 min (2350A_2350ISO1_v4XX).APP
ISODULSTD1	ISO Energy Measurement C9+ 5 min (2350A_2360ISO1_v4XX).APP
USADUALM2	Energy Measurement C9+ 5 min (2350A_Mode2_v4XX).App
2360Dew2US	Energy Measurement C9+ 5 min (2350A_2360Dew2US_v4XX).APP
2350ADewUS	Energy Measurement C9+ 5 min (2350A_2360DewUS_v4XX).app
USSTDFILE01	Energy Measurement C6+ 4 min (2350A_2350EXMB_v4XX).APP

Table 2: Model 700 and Model 1000A

Application Base Name	32-bit Application File Name
USASTD1A	Energy Measurement C6+ 4 min (700_Mode0_v4XX).APP
USADUAL1	Energy Measurement C9+ 5 min (700_Mode1_4XX).APP
ISOSNGLSTD1	ISO Energy Measurement C6+ 4 min (700_2350ISO1_v4XX).APP
ISODULSTD1	ISO Energy Measurement C9+ 5 min (700_2360ISO1_v4XX).APP
USADUALM2	Energy Measurement C9+ 5 min (700_Mode2_v4XX).App
700Dew2US	Energy Measurement C9+ 5 min (700_2360Dew2US_v4XX).APP
700DewUS	Energy Measurement C9+ 5 min (700_2360DewUS_v4XX).app
USSTDFILE01	Energy Measurement C6+ 4 min (700_2350EXMB_v4XX).APP
700EXMBHCD	Energy Measurement C9+ 5 min (700_EXMBHCDP_v4XX).APP
USASTD1A15	Energy Measurement C6+ 4 min (700_Mode0_15s_v4XX).App

Upgrading to the 32-bit application

The end result of this procedure will be a 32-bit version of the 16-bit application using a *32-bit application template file*.

1. Select **File** → **Offline Edit** → **Upgrade Application**. The *Select model application for the upgrade* dialog displays.
2. Navigate to the appropriate 32-bit application template file and select it.

Note: The latest versions of these application template files were installed with MON2000 and are typically located at **C:\GC\APP**.

Note: If the application template file selected is not newer than the currently installed application, or if it is not the same type of application, MON2000 displays the following error message:

The selected application is not a compatible upgrade

3. Click **Open**. The *Save upgraded application as...* dialog displays.
4. Type a new name for the upgraded application into the **File name** field.

Note: It is recommended that you give the 32-bit application a name similar to the name of the 16-bit application it will replace.

Note: It is recommended that you do not give the 32-bit application the same name as the application template file on

which it is based. Doing so will overwrite the application template file.

5. Click **Save**. MON2000 will create a 32-bit version of the 16-bit application. When the process completes, the *Application upgrade complete* message displays.
6. Click **OK**.

You can now install the 32-bit CPU board.