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FXM Programmer Software v1.00

AlphaTechnologies is pleased to announce the release of our newest application for firmware upgrade for FXM via serial port.

Compatibility:

FXM Programmer will install and run on a computer with Windows and Microsoft .NET Framework installed.

This application is a tool that allows you to update (or program) your FXM/Micro UPS systems over the serial port connection. The FXM Programmer is a replacement for the uBug12 tool that was previously used to perform these updates.

New Features and Improvements:

- One File for both Serial and Ethernet Updates
  - Prior to the FXM 2.0 software release, updates to the FXM via the serial port were done using uBug12 and an S-Record file which had an .SX extension. Updates to the FXM via the Ethernet-RMU were done using a binary file which had a .BIN extension.
  - With the FXM 2.0 software release, updates via the serial port will be done using the FXM Programmer and a binary file which has a new .FBIN extension. Updates to the FXM via the Ethernet RMU will be done using the same binary file which has an .FBIN extension.
- One File for Old and New FXM Hardware Updates
  - In 2010, there were significant hardware changes to the FXM family which included a change to the LCD display from green to blue. So, if your FXM unit has a green display, it is the older hardware and if your FXM has a blue display it is the newer hardware.
  - Prior to FXM 2.0, there were separate updates for the old and new hardware. For the old hardware (green display) the updates would end in 7x (e.g. 1.08.73) and for the new hardware (blue display) the updates would end in 0x (e.g. 1.08.03).
  - With the new FXM 2.0 release, updates for both the old and new hardware have been merged into a single binary file which has an .FBIN extension.
  - Reducing the number of update files from four (e.g. 1.08.03.sx, 1.08.03.bin, 1.08.73.sx and 1.08.73.bin) to one (e.g. 2.00.01.fbin) will make it easier to manage and perform software updates on your FXM/Micro UPS systems.

Installation and use procedure:

1. Run the FXM Programmer Setup executable on your Windows computer.
2. If you do not already have .NET 4.0 libraries installed, the setup program will prompt you to install them from the Microsoft website.
3. Follow the setup program's prompts to install, repair or remove the FXM Programmer.
4. Switch off your Alpha FXM/Micro and Connect Alpha FXM/Micro to the computer using RS232/USB cable.
5. While pressing and holding the SELECT button, switch on one of the battery or input circuit breakers - the LCD panel will show "Alpha XP ISP".
6. Open the FXM Programmer and select the COM port from the drop down box. If there is no COM port shown, try to refresh the list by using "Serial Ports->Refresh Ports" feature.
7. Click on "Open File" to browse to the location of the new firmware, and select it. You can also drag and drop a file directly to the File field. FXM Programmer currently supports .sx and .fbin file formats for upgrading FXM. (.bin files are NOT supported)
8. Click on "Apply the update to the FXM unit".
9. The progress bar will indicate the state of the update.
10. Once the update is finished the FXM unit will reset automatically.

You have now successfully installed the FXM Programmer. Thank you for choosing Alpha Technologies