



Release Date: 4/7/00
026-2011-008

TECHNICAL BULLETIN

Flash Restore Process in UltraSite (Changing Controllers or Versions of Controllers)

Scope

This bulletin explains the process of using Flash Restore in UltraSite to change controller versions.

Description

The Flash Restore function in UltraSite can be used to change controller types or software versions by uploading the new software into the controller. A controller type change, is when an existing controller (configured as a BEC, BCU, or RMCC) is configured to run as something other than what the controller was previously operating. A change in version type is a change from one software version to a higher software version of the same type.

Flash Restores can be performed either remotely or at the site. A remote Flash Restore requires the use of a modem to connect to the site. A Flash Restore can be done at the site by using a direct-connect cable to link the computer and the controller.

Instructions for A Flash Restore

1. Set the Unit Number and Baud Rate on the Controller. This step is necessary only if the controller's baud rate has not previously been set for remote communications. (Remote communications here means any connection with a computer.)
 - Log into the controller by pressing "ENT" and using the level 4 password (400 default).
 - Press "7", Configuration followed by "4", Remote Communication.
 - Press the "RIGHT ARROW" key until the Baud Rate field is highlighted.
 - Set the baud rate to 9600.
 - Press the "DOWN ARROW" key until the "0=Menu" option is displayed.

- Enter “0” until you reach the main menu and press the “ENT” key to log off.
2. Next, you will need to set the baud rate at which the computer will communicate with the controller.
 - Open UltraSite on the computer.
 - Find the Site from the directory tree that will be edited.
 - Using the right mouse button, click on the site name. A menu list will come up.
 - With the left mouse button, click on “Edit Communications Information”.
 - Make sure that the baud rate is set to 9600 (or what the site is set to).
 - For an On Site Flash Restore, select Direct Connect under Connection.
For a Remote Flash Restore, select Modem under Connection.
 - With the left mouse button, click “OK”.

Remote Flash Restore	On Site Flash Restore
<p>3. Connect to the site where the controller is housed by right clicking on the site. A menu list will come up, use the left mouse button to click on connect. The modem will dial out to the site.</p> <p>In order for a site to be called:</p> <ol style="list-style-type: none"> a) a modem must be connected to the network at the site b) a phone number for the site must exist UltraSite's along with the proper baud rate c) a modem must be connected to the computer that is being used to call the site 	<p>3. Connect the direct connect cable from the computer's COM port to the controller's COM C.</p>

4. In UltraSite, left click on the site you are connecting to. The modem will dial or the computer will direct connect to the site. If a password is needed, you will be prompted to enter one.
5. Expand the site tree until the unit is displayed. Select the unit with the left mouse button.
6. With the unit selected click the right mouse button and select Flash Restore from the menu list. You will be prompted to select the upload file for the flash restore. The upload file must be on the computer you are using or the network the computer is

connected to. Double click the upload file (upload files have a .upl extension) and the Flash Restore will begin.

7. When the Flash Restore has finished, UltraSite will inform you with a window. Press the "OK" button in the window. The Flash Restore is complete at this point.