Logix RCS Update Procedure

Use this procedure to install an RCS update through an existing Logix Clarity Server PC. There are other update methods available for unusual situations which are described in the **Axiom II Program Installation** document.

 ➢ Coordinate installation time and date with a Logix engineer.
 ➢ Refer to the Logix PC Installation Procedure if installing Clarity on a new PC.
 ➢ Refer to the Logix Network Overview for additional background.

WARNING: Incorrect or partial updating may result in loss of control or access to setpoints and historical Trend Log data. If unexpected results occur or the procedure cannot be completed, contact Logix.

Summary

- General Steps
    - Update Clarity Server PC
    - Push Axiom controller updates out from Clarity Server PC
    - Confirm operation
    - Update remote Clarity Client PCs

- Download link: *(username and password sent in e-mail)*
- Existing Panel 1 Compiled On date should be: *(mm-dd-yy)*
- New Panel 1 Compiled On date is: *(mm-dd-yy)*
- Factory defaults will be set on: *(list equipment\modules)*
- Update Clarity Server PC:

   ⦿ Yes

- Update these panels: *(list panel #s)*

   ○ None   ⦿ All   ○ Some

- Update Clarity Clients

   ○ Yes   ⦿ No

Detailed Instructions

1. Preparation
    a. Read all instructions before beginning the update.

    b. Coordinate the update date/time with Logix so an engineer can be available for support, if necessary.

    c. Each control panel requiring an update will briefly (10-120 sec) lose control when the update is completed.

    d. Print out or record all setpoints for equipment getting set to factory defaults. These setpoints will require manual re-entry after the update is complete.

    e. Record setpoints for all Axiom panel(s):
Select Additional on the top menu, then select a panel, then Diagnostics\Other (remote panels only), then Controller Diagnostics, then Save Setpoints – Backup. Save to the default location, using the suggested filename.

    f. Record or print out all Equipment Runtimes. These may need to be re-entered after the update. Consult with your Logix engineer to confirm.

    g. Stop and contact Logix if the existing panel 1 Compiled on date is not current: Select Additional on the top menu, then Panel 1 – Master Diagnostics, then Axiom Master System Info.

2. Installation – Clarity Server PC

    a. Identify the Clarity Server PC which will be used to update the Axiom panels. There is usually one Server PC per site, configured to run Clarity at all times. (Remote Clarity Client PCs on older Axiom I systems (2003-2012) cannot update Axiom panels).

    b. The PC may be restricted from the software downloading and updating activities described below. Assistance from an IT manager with advanced permissions may be required for the PC update portion of this procedure.

    c. Do not uninstall Clarity unless directed to do so by Logix

    d. Download the Setup file from the Logix web-server.

    e. Run the Setup File and follow the on-screen instructions. Apply the default suggestions and options unless otherwise directed to do so.

    f. Restart the Clarity application. Communication with panel 1 should resume with several seconds.

    g. When Clarity boots up it automatically converts old trend logs to be compatible with the new format. This may take several minutes for older systems. Relay any errors that occur to your Logix engineer.

    h. Under certain circumstances, communications with one or more Axiom panels will not resume and the Axiom Recovery procedure must be used. Proceed under the direction of Logix.

3. Update Axiom Panels

    a. Update each Axiom panels listed in the Preparation section, starting with Axiom panel 1, if listed. Select Additional, then Diagnostics\Other (remote panels only), then Controller Diagnostics, then Update Axiom program. Each Axiom update download takes 10-15 seconds) after which equipment control is disabled for 15-120 seconds.

    b. ALL Axiom panels must be updated before proceeding.

4. Confirm operation

    a. Check equipment runtimes and re-enter if they have been erased.

    b. Confirm communication/version compatibility: On the top menu, select Additional, then Panel 1 Master Diagnostics, then Axiom Master System Info. A pop-up window will populate with Axiom Master compiled on date and other status below the Copywrite line. The Compiled On date should be updated.

       c. Confirm Trend Log compatibility: Open the Clarity plot window and select at least one item to plot and select an archive log date (e.g. yesterday, a week ago or last year). The plot should be displayed with no errors.

       d. Re-enter setpoints for and equipment parameters set to defaults.

       e. Review system setpoints and note any other setpoint issues.

       f. Restart equipment operation, as necessary.

5. Update remote Clarity PCs

       a. Update all remote Clarity Client PCs using the same procedure as the Server PC (if required).