Revision Information

Revision 1.0 - Original release January 5, 2001

Purpose:

To advise customers on how to convert their QuickDesigner projects (used on QuickPanel) to QuickDesigner 2 (for use on QuickPanel 2 and QuickPanel 3).

Description:

Projects for use with QuickPanel 2 and QuickPanel 3 must be created by QuickDesigner 2. Projects that were created with the older QuickDesigner, for use with the original QuickPanel, must be converted to QuickDesigner 2 before they can be used with QuickPanel 2 and QuickPanel 3 units.

Products Affected:

- MDK-QDK (replaced by MDK-QD2)
- MMI-QP/5C (replaced by MMI-QP2/5C)
- MMI-QP/5M (replaced by MMI-QP2/5M)
- MMI-QP/9E (replaced by MMI-QP3/9E)
- MMI-QP/9C (replaced by MMI-QP3/10C)
- MMI-QP/9T (replaced by MMI-QP3/10T)

Solution:

The following is the process for importing a QuickDesigner project into QuickDesigner 2.

1. You must have the original QuickDesigner project to convert it to run on a QuickPanel 2 or QuickPanel 3. If you do not have the original QuickDesigner project, contact the machine builder that developed QuickPanel interface.
2. Export the project from QuickDesigner (Project | Export). Leave the ORION Serial Protocol as the Protocol configured in QuickDesigner.

3. Import the project into QuickDesigner 2 (Project | Import). If you do not have QuickDesigner 2, contact your ORMEC Sales representative to order a copy.

4. Verify that the PLC is configured for ORION Serial Protocol.

5. Verify that the serial communications parameters are properly configured (Project | Setup | Port). The correct serial communications settings are 19,200 baud, 8 data bits, 1 stop bit, no parity, and no handshaking.

6. Open the Tags Manager and run the Validate Tags utility (Tools | Validate Tags). You will be asked if you want to "Retain existing Input and Scale ranges on all tags", answer YES.

7. For panel objects using small legend plate text, it may be necessary to change the size of the legend plate text so that it is visible.

8. While it is not required, you should remove any panel objects which use the ~System_Comm_Status internal status variable. This variable is not supported in the QuickPanel 2, and if your project uses it to indicate status (as the QP Tools projects did), a communications fault indicator will be continually asserted while communications are operating normally.

9. The QuickPanel 2 writes a value greater than 4000 to the Panel Trigger Tag whenever the numeric data entry keypad is displayed. You must modify your MotionBASIC program if it is using the Panel Trigger tag for decision making to take this into account, and your QuickDesigner 2 project cannot use a Panel ID greater than 3999.

10. Download the project to the QuickPanel 2.

Call the ORMEC Service Department if you have any questions.