# PLCDirect by Koyo | PRODUCT ADVISORY

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| **Product:** | DL405 PLC, DL205 PLC | **Number:** | PA-D4-014 |
| **Part No.:** | H4–ECOM (ENET), H4–ECOM–F, H2–ECOM (ENET), H2–ECOM–F | **Date Issued:** | 10/5/98 |
| **Subject:** | Incorrect Rx/Wx Instruction Execution | **Revision:** | Revision 0 |

**Products Affected**

This advisory applies to the H4–ECOM (ENET), H4–ECOM–F, as well as H2–ECOM (ENET), and H2–ECOM–F modules, firmware versions 1.0.85 or earlier.

**Description of Problem**

There is a firmware bug which may effect operation of a networked system.

If your ladder program contains network instructions ( Rx/Wx ) to multiple ECOMs, and the 65535th (rollover) network instruction is an Rx, the value returned is from the previous network instruction. If the 65535th instruction is a WX instruction, the value is not written to the PLC.

The severity of the result can be affected by the PLC scan time (a slower scan makes erroneous data more visible, such as on a digital display). If the transacted data is being used to perform control decisions, it is possible that the wrong data (or data that did not reach its destination) could cause incorrect operation.

**DANGER!:** Operating a control system with an affected module can cause unpredictable process results. **To minimize the risk of serious personal injury, or equipment damage, *do not* use an H4–ECOM or H2–ECOM module that is revision 1.0.85 or earlier.**

**Solution**

All affected H4–ECOM and H2–ECOM modules should be updated with the latest revision of firmware, 1.0.86.

**Product Upgrades or Repairs**

A new release of firmware is available free of charge. There are two options available for upgrading your modules:

**Upgrade the Firmware Yourself** – If you have an Ethernet connection to your modules (for example, if you have used NetEdit to configure them), and also have access to the Internet, you may download the new firmware file and the upgrade utility from the Web site "http://www.hosteng.com" (select "Download-ables – Firmware" from the sidebar on the home page).

**Return the Product for Repair** – To replace your existing modules, contact us at 800–633–0405 to arrange for an RMA exchange.

**Technical Assistance**

If you have questions regarding this Product Advisory, or the proper use of these DL405 and DL205 modules in your application, please contact us at 800-633-0405 for further assistance.

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1-800-633-0405