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PRODUCT CHANGE NOTICE

Dear Valued Lantronix Customer,

The purpose of this document is to notify you of a firmware change to the CO-E1M-00AA and CO-E1M-11AA board-level products.

Beginning on September 15, 2004, Modbus firmware version 1.8 will ship on the products listed below. This version replaces the previous version, v1.2.

Part Number:
CO-E1M-11AA
CO-E1M-00AA

Firmware Improvements
Modbus version 1.8 includes fixes for the known issues in v1.2.

- Eight Modbus/TCP sockets are available, providing for a more robust Web Server function.

- In "Master-Attached" mode, the slave address can now be used as the fourth octet of the destination IP address in the mapping table. This allows referencing of up to 255 nodes in eight subnets.

- In "Master-Attached" mode, a single Modbus/TCP port connection is maintained and dynamically opened/closed as needed in place of keeping just the eight static connections.

- Added support for 57K baud on the serial port.

- Added optional serial pause to delay a new request after slave response (or delay a response after master request) to support slower Modbus serial devices.

- Added optional swap of 4x/0x for 3x/1x for Modicon I/O Scanner.

- Added user option to disable Modbus/TCP pipelining (queuing multiple Modbus/TCP requests).

- Changed Status/Green LED behavior : Idle = Solid green, Active Sockets = blinks once per second to match standard firmware (LED functions are defined on page 2-4 of the *E1K Integration Guide*)

- Default serial port settings are now 9600 baud, 8 data bits, no parity, 1 stop bit.

Additional Information

The new firmware will also available as an upgrade to existing units via a download procedure. For more details and download information, release notes are available via the Lantronix web site at www.lantronix.com.

If you have any questions, please contact your sales representative or Lantronix Customer Support at (866) 649-0721 or (949) 453-3990 x342.

Product Marketing