

## Firmware Revision History

### Summary of Production Releases for EGX100

Release Version	Date	File Name(s)	Changes Since Previous Version
3.000	8/28/2012	eg03000.bin	<b>Modifications:</b> <ul style="list-style-type: none"><li>Added SAP device Auto-Discovery (User Guide updated).</li></ul> <b>Issues Addressed:</b> <ul style="list-style-type: none"><li>Upgraded the NET+OS from v6.1 to 7.3.</li></ul>
2.900	3/7/2011	eg02900.bin	<b>Modifications:</b> <ul style="list-style-type: none"><li>Forced the RS-485 transmitter to always be enabled when the serial port is configured for 4-wire master mode.</li></ul> <b>Issues Addressed:</b> <ul style="list-style-type: none"><li>Corrected the issue of a NAK (0x07) exception, sent by the EGX100 in response to a CRC or Protocol error from a slave, returning a device ID of 0.</li><li>Added Check for Subnet masks of 255.255.255.255.</li><li>Added validation for the IP/Subnet Mask combination.</li></ul>
2.800	9/15/09	eg02800.bin	This version released to support manufacturing.
2.700	4/23/08	eg02700.bin	<b>Modifications:</b> <ul style="list-style-type: none"><li>Improved MBTCP Server to better work with networks that have a small MTU where the Modbus packet would be segmented into more than one packet.</li><li>Improved setting the speed/duplex.</li><li>Configuration now prevents the last octet of the IP address from being set to 0 or 255.</li></ul>
2.600	4/27/07	eg02600.bin	This version released to support manufacturing.

Release Version	Date	File Name(s)	Changes Since Previous Version
2.500	01/26/2006	eg02500.bin	<p><b>Added Firmware features:</b></p> <ul style="list-style-type: none"> <li>• Added support for 4 MB FLASH.</li> <li>• Added validation of version number to download routine.</li> <li>• Added ModbusTCP/IP Proxy feature to 'Slave' mode.</li> <li>• Added limited gateway support for invalid addresses 248-253.</li> <li>• Added 'Odd' as a valid parity setting in slave and master modes.</li> <li>• Added support for FTP Time-out.</li> </ul> <p><b>Modifications:</b></p> <ul style="list-style-type: none"> <li>• Forced messages with addresses not in the device list to be ignored when in slave mode (no exception response is sent).</li> <li>• Improved communications for heavily loaded subnets in 4-wire mode by forcing the RS485 driver to always be asserted when in Master Mode.</li> <li>• Limited configuration of the MBTCP Connection Timeout to a range of values from 0 to 32767 seconds.</li> <li>• Improved Modbus Broadcast reliability in heavy gateway traffic.</li> </ul>
2.200	02/16/2006	eg02200.bin	<p><b>Modifications:</b></p> <ul style="list-style-type: none"> <li>• Corrected "Invalid IP Address Detected" error when either IP or Default Gateway last octet is 0 or 255.</li> <li>• Corrected infinite error message when duplicate device IDs are entered into the device list.</li> <li>• Improved the handling of unsolicited or late replies by a slave device.</li> <li>• Changed from a fixed destination station address of 0x01 to the device ID of the intended device when converting a Modbus command to PNIM.</li> <li>• Corrected subnet masking when working with Class C networks.</li> </ul>
2.000	9/16/05	eg02000.bin	This is the first production release.