

## Firmware Revision History

### Summary of Production Releases for EGX100

Release Version	File Name	Changes Since Previous Version
2.000	eg02000.bin	This is the first production release
2.200	eg02200.bin	<p>The following changes are included in this version:</p> <p><b>Public Release Notes:</b></p> <p>Modifications:</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>
2.500	eg02500.bin	<p>The following changes are included in this version:</p> <p><b>Added Firmware features:</b></p> <ul style="list-style-type: none"> <li>Added support for 4 Mbyte 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' parity 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 – 32767 seconds</li> <li>Improved Modbus Broadcast reliability in heavy gateway traffic</li> </ul>
2.600	eg02600.bin	This version released to support manufacturing.
2.700	eg02700.bin	<p>The following changes are included in this version:</p> <p><b>Modifications:</b></p> <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 1 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>

Release Version	File Name	Changes Since Previous Version
2.800	eg02800.bin	This version released to support manufacturing.
2.900	eg02900.bin	<p>The following changes are included in this version:</p> <p><b>Modifications:</b></p> <ul style="list-style-type: none"> <li>Forced the RS485 Transmitter to always be enabled when the serial port is configured for 4-Wire Master mode</li> </ul> <p><b>Issues Addressed:</b></p> <ul style="list-style-type: none"> <li>Corrected the issue where a NAK (0x07) exception sent by the EGX100 in response to a CRC or Protocol error from a slave returns 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>
3.000	eg03000.bin	<p>The following changes are included in this version:</p> <p><b>Modifications:</b></p> <ul style="list-style-type: none"> <li>Added SAP device Auto-Discovery (User's Manual Updated)</li> </ul> <p><b>Issues Addressed:</b></p> <ul style="list-style-type: none"> <li>Upgraded the NET+OS from v6.1 to 7.3.</li> </ul>