

Firmware 17.20 Gen3 XLE/Ee, XLT/Te Release Notes

Horner Automation has released a new Firmware revision for the Gen3 XLE/Ee and XLT/Te products.

This is available for download from the firmware section at the following websites:

North American Website <https://hornerautomation.com/controller-firmware>

European Website <http://www.hornerautomation.eu>

NOTE: This Firmware release requires bootloader to be installed and is not optional.

Latest System File Revisions for the XLE/Ee, XLT/Te	
Firmware	17.20
BIOS	0.37
CPLD	2.0

A NOTE ABOUT FIRMWARE UPDATES:

This firmware has been thoroughly tested, and every precaution has been taken to prevent the introduction of new issues that may be problematic in your application. It is always important for customers to perform their own internal system testing prior to deployment of the new firmware.

New Features		Affected Controllers: Gen3 XLE/Ee, XLT/Te
1.	Added WebMI 2.0 support Note – <ul style="list-style-type: none"> Requires Cscape 10.2 SP2 onwards Applicable to XLEe/XLTe models only 	
2.	Added support to apply a license through the SR register and the System Menu	

Bug Fixes		Affected Controllers: Gen3 XLE/Ee, XLT/Te
#	Main Subject	Description
1.	Modbus Master Block With Array Of Structures Enabled	Resolved: Device displayed an exception when an IEC program was configured with a Modbus Master block and an array of structures was enabled.
2.	GE SNP Protocol Using Full Duplex RS485	Resolved: The GE SNP protocol was not working over full-duplex RS-485 communication. Note – <ul style="list-style-type: none"> Requires SNP DLL v5.02 onwards Requires Cscape 10.2 SP2 onwards
3.	Trend Graphs For Negative Y Axis	Resolved: The negative Y-axis values were not plotted correctly in trend graphs.

Known Issues			Affected Controllers: Gen3 XLE/Ee, XLT/Te
#	Subject	Description	Workaround
1.	AI Filter Constants	The time it takes to rise from 1mA to 19mA is slightly impacted for a few AI filter constants as the hardware is itself giving fluctuation in ADC values.	Added an AI filter constant as a user-configurable input
2.	Datalog	Data logged with 10 groups of 10-Dint variables, and a watchdog trip/system exception occurs when a MicroSD card is inserted or removed.	Make %SR174.1 high and wait for %SR174.2 to become high before removing the microSD

Known Issues		Affected Controllers: Gen3 XLE/Ee, XLT/Te	
Applicable to XLEe and XLTe Only			
3.	Modbus TCP/IP	The master device communicates with both slaves using the Ethernet Modbus TCP/IP protocol, when configured with a register for the trigger bit/manual ID, and an ID is assigned to a single slave.	N/A

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