

## Firmware 15.56 Release Notes

---

Horner Automation has released a new Firmware revision for the XLE/XLEe, XLT/XLTe & X2. 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. It is not an option.

Latest System File Revisions for the XLE/XLEe and XLT/XLTe	
Firmware	15.56
BIOS	0.28
CPLD	2.0

Latest System File Revisions for the X2	
Firmware	15.56
BIOS	0.15
CPLD	1.0

**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.

Firmware 15.56 - New Features	
1.	<b>XLEe/XLTe only</b> - WebMI status bits have been added for session Count - %SR101.5 to SR101.7. (4980)
2.	<b>XLEe/XLTe only</b> - Time-out of Modbus Slave and SRTTP increased from 60 to 380 seconds. (5398)

Firmware 15.56 - Bug Fixes	
1.	Resolve issue when occasionally microSD card was not detecting / reading properly when card was plugged and unplugged repeatedly. (4703)
2.	<b>Applicable to XLEe / XLTe only</b> Resolved the following issues (5398) - a. Packets were getting delayed beyond the set update interval when the update interval option was selected in the Client Protocol b. Previous sockets were getting closed before sending the reconnect packet
3.	<b>Applicable to XLEe / XLTe only</b> - Resolved WebMI issue that if previous sessions were not getting closed, then a connection timeout occurred during long run as max sessions were reached. (4980)
4.	<b>Applicable to XLEe / XLTe only</b> - Resolved issue when ModbusTCP communication was not starting until Reacquire Time had timed out during power up or occasionally when unit was moved from Idle to Run mode. (5042)

Firmware 15.56 - Known Issues		
	Issue	Affected Controller(s)
1.	Filename counter is not working properly if a file with screen capture is downloaded previously. (5717) <b>WORKAROUND:</b> Clear application if the previous csp file had screen capture enabled and re-download the filename counter csp file.	XLE/XLEe, XLT/XLTe, X2
2.	Autoload program is not working for security file if the timer to enter password expires. Afterwards, Autoload will fail to work. (5718) <b>WORKAROUND:</b> Clear application and do a power cycle. Then load clone manually.	XLE/XLEe, XLT/XLTe, X2
3.	If a Datalog has 10 groups and each has 10 DINT variables, then the watchdog trip/system exception occurs when microSD card is inserted or removed. (5720) <b>WORKAROUND:</b> Make %SR174.1 high and wait for %SR174.2 to become high before removing the microSD card.	XLE/XLEe, XLT/XLTe, X2
4.	If there is a baud rate mismatch for CANopen between master and slaves, then an increase in scan rate is seen. (5721) <b>WORKAROUND:</b> Ensure the baud rates match during the actual setup.	XLE/XLEe, XLT/XLTe
5.	Backup register feature takes excessive amount of time impacting the scan rate in Run mode. (5719)	XLE/XLEe, XLT/XLTe, X2
6.	Status Register bit for Transmit Message failure is not updating in J1939. (5722) <b>WORKAROUND:</b> This bit is dependent on the hardware peripherals, and if the Passive and Bus Off errors are indicating properly, this status is redundant.	XLE/XLEe, XLT/XLTe
7.	WebMI License details on System Menu is not shown if Ethernet cable is removed. (1258) <b>WORKAROUND:</b> Connect Ethernet cable to check the WebMI license.	XLE/XLEe, XLT/XLTe, X2
8.	<b>XLE/XLEe and XLT/XLTe Model 6 units only</b> - Analog inputs will stop working if profibus with 106 I/O card is kept operational for extended time, approx. 3 to 5 days. (5723)	XLE/XLEe, XLT/XLTe
9.	If there is parity and stop bit mismatch for serial setting, the communication still happens. (5724)	X2
10.	Requires 2 power cycles to activate J1939 license in the device if the J1939 start register is enabled before loading the license. (5453) <b>WORKAROUND:</b> Start J1939 protocol only after loading the license.	XLE/XLEe, XLT/XLTe

## Technical Support

<b>North America:</b> Tel: (317) 916-4274 Fax: (317) 639-4279 Website: <a href="https://hornerautomation.com">https://hornerautomation.com</a> Email: <a href="mailto:techspt@heapq.com">techspt@heapq.com</a>	<b>Europe:</b> Tel: (+353)-21-4321-266 Fax: (+353)-21-4321826 Website: <a href="http://www.hornerautomation.eu">http://www.hornerautomation.eu</a> Email: <a href="mailto:technical.support@horner-apg.com">technical.support@horner-apg.com</a>
--	--