

## Firmware 17.08 Gen3 XLT/Te Release Notes

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Horner Automation has released a new firmware revision for the **Gen3 XLT and XLTe** 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 XLT/Te	
Firmware	17.08
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.

Firmware 17.08 – New Features		Affected Controllers: Gen3 XLT/Te
1.	Added support for the DQM602 OCSIO.	
2.	Added System Register bit for System Menu access <b>Note:</b> Requires Cscape version 10.1 onwards.	

Firmware 17.08 – Bug Fixes		Affected Controllers: Gen3 XLT/Te
#	Main Subject	Description
1.	CANOpen SmartRail	Resolved: Hardfault error occurred when CANOpen SmartRail was configured in the program and downloaded
2.	Read RM block (for ASCII data)	RM: Removable Media Resolved: Read RM block was reading the entire elements/data for an ASCII data type instead of reading only the configured number of elements

Firmware 17.08 – Known Issues			Affected Controllers: Gen3 XLT/Te
#	Subject	Description	Workaround
1.	Load PGM after clear application	The OCS can reset upon loading a .pgm file after a Clear Application. The display will show "Program Port Busy" when loading a .pgm file. The issue is seen only when Cscape is connected to the OCS while doing a Clear Application.	N/a
2.	AI filter constants	The amount of time it takes to rise from 1mA to 19mA is slightly impacted for some AI filter constants as the hardware is giving fluctuation in ADC values	N/a
3.	Security enabled autoload file	If the timer to enter a password expires, the autoload program will not work for the security file	<ol style="list-style-type: none"> <li>1. Clear the application</li> <li>2. Run a power cycle</li> <li>3. Load clone manually</li> </ol>
4.	Datalog	Data logged with 10 groups of 10-Dint variables and a watchdog trip/system exception occurs when MicroSD card is inserted/removed	Make %SR174.1 high and wait for %SR174.2 to become high before removing the microSD
<b>Applicable to XLTe Only</b>			
5.	Modbus TCP/IP	The master device communicates with both slaves in Ethernet Modbus TCP/IP protocol communication when configured using the register for the trigger bit/manual ID, and the ID is given for a single slave	N/A

## Technical Support

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