

Firmware 15.54 Release Notes

Horner Automation has released a new Firmware revision for the **X4, X7 & X10**. 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 X4, X7 & X10		
Firmware	15.54	
BIOS	X4	0.30
	X7	0.10
	X10	0.04
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 15.54 - New Features	
1.	WebMI status bits have been added for Session Count: %SR101.5 to SR101.7

Firmware 15.54 - Bug Fixes	
1.	Resolved Issue: When using the Report Editor, an extra space or multiple spaces was being added to the end of the report before the Carriage Return.. (4699)
2.	Resolved Issue: Real to DINT conversion was giving incorrect result for some values. (5314)
3.	Made touch calibration faster. (1420)
4.	Resolved Issue: ModbusTCP communication was not starting until Reacquire Time has timed out during power up or sometimes when unit is put from Idle to Run mode. (5042)
5.	Resolved Issue: sometimes microSD card was not detecting / reading properly when plugged and unplugged continuously. (4703)
6.	Resolved WebMI Issue: Previous session(s) was not getting closed which resulted in connection timeout during long run as max sessions were reached. (4980)
7.	Resolved Issue: MJ1 RS 232 hardware Handshake fails (DSR / DTR) - issue related to Modem. (5171)
8.	Resolved Issues: (5398) Modbus TCP. When Update Interval was utilized (set other than zero), if packets were delayed beyond the set Update Interval time, previous sockets were getting closed before the re-connect packet was sent. And therefore comms would not recover automatically. The issue would typically be seen when the Update Interval was set to time periods that exceed the server timeout time.

Firmware 15.54 - Known Issues		
	Issue	Affected Controller(s)
1.	Filename counter is not working properly if a file with screen capture is downloaded previously. Workaround: Clear application if the previous csp file had screen capture enabled and re-download the filename counter csp file. (5717)	X4, X7, X10
2.	Autoload program is not working for security file if the timer to enter password get expired. Next time onwards option for Autoload is not working. Workaround: Clear application and do a power cycle. Then load clone manually. (5718)	X4, X7, X10
3.	Backup register feature takes long time impacting the scan rate in Run mode. (5719)	X4, X7, X10
4.	WebMI License details on System menu is not shown if Ethernet cable is removed. Workaround: connect Ethernet cable to check the WebMI license. (1258)	X4, X7, X10
5.	There is a delay of about 1.5-1.8 seconds for the system menu screen to pop-up after pressing system key on an X10. Workaround: Speed up the System Menu by increasing the graphics time slice from default 10mSec to 20mSec. (5160)	X10

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