

Firmware 15.54 Release Notes

Horner Automation has released a new Firmware revision for the **XL15+**.

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	
Firmware	15.54
Kernel	4.9.12.3
FPGA	0.1

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 - Bug Fixes	
1.	Implemented read only file system.
2.	Resolved issue when F-keys tied to switch screen coils, sometimes the F-key would remain held during the screen switch until pressed again. (4668)
3.	Resolved issue when ModbusTCP communication was not starting until Reacquire Time has timed out. (5042)
4.	Resolved issue when Modbus TCP communication would stop due to DHCP lease time expiring. (6101)
5.	Resolved issue when FTP of files to OCS were failing under certain conditions. (4593/4792)
6.	Resolved issue when unit would lose communication with Cscape over Ethernet when the unit was left running for multiple days. (4700)

Firmware 15.54 - Known Issues	
1.	Live graphics may take max scan rate (SR8) to around 700ms while applying changes to graphics. (1537)
2.	If same IP address and subnet is put for ethernet and Wi-Fi ports, live graphics update will give FTP error when trying to use Wi-Fi interface. Workaround: Make IP address and subnet mask different for two interfaces. (2410)
3.	When copying a large amount of data (>100 MB) from microSD to USB or vice versa, an increase in max scan rate (SR8) may be seen. (1998)
4.	Some delay in starting of audio for first time after clear application / firmware update (about 20 secs). Subsequent download of .csp files may show delay of 3 to 5 sec after the bit to play audio is turned on. (3330)
5.	Changing FW from newer to older version requires two times boot load and MAC ID gets erased. Workaround: The issue is in the old firmware where it is not reading the MAC ID from file. An intermediate firmware 15.05.101 will resolve the issue which will retain the MAC ID. 15.05.101 will have only this change to 15.04. Note - While bootloading FW 15.04 or previous firmware after loading FW 15.05.101, two times bootload may be required. (2350)
6.	Date format for retentive trends needs to be changed to dd-mm-yy format. Note - This issue has been corrected in firmware 15.30 for imx28 devices. (2348)
7.	Scan rate high around 20ms with Animation Object in specific file. (2352)
8.	Watchdog while Device Bootup seen in 1 out of 100 power cycles (after device boots completely, unit resets and watch dog count will be increased). (2326)
9.	Sometimes retentive trends scroll stops for a split sec and then starts again. (5835)
10.	During Save PGM from System Menu > Removable Media, screen goes to non-responding mode for more than a minute when serial or mini-USB is connected. Workaround: Remove serial connection or mini-USB before performing Save PGM from System Menu > Removable Media. (2443)
11.	Email will not work with Wi-Fi client mode. (5839)
12.	NTP protocol will not work if DNS IP is not configured. Workaround: For NTP protocol to work, configure DNS IP. (4478)
13.	Sometimes ENDOFFTP.TXT file gets created when publishing webpage through FTP, consequently WebMI will not work. Workaround: Deleting ENDOFFTP.TXT file or power cycling the device. (4440)
14.	Sometimes Download using CsCAN Pass Through gives error, and Net Get Word / Net Put Word blocks do not communicate after power cycle in Enhanced IEC. (4886)
15.	Time stamping is not working in 'Alarm with Date/Time Stamp' block in IEC. (5118)
16.	Modbus Map slave block length check for Read Holding Register and Read coil bits are incorrect in Enhanced IEC. Workaround: Configure same array length for Input Bits and Coil Bits. Similarly configure same array length for Input Register and Holding Register. (5770)
17.	Modbus ASCII protocol are not working for Do Request and old User Master blocks in Enhanced IEC. (5771)
18.	Using multiple Modbus blocks Do Request and Old User in same program with same port do not read data from slave in Enhanced IEC. Workaround: Use serial downloadable protocol. (5784)
19.	Not able to write values to %SR210 and %SR211 from screen and data watch for UTC in Enhanced IEC. (5824)
20.	Press Key ladder block not working in Enhanced IEC. (5822)
21.	Receive and ACK of messages (SMS) not working with external modem. (5823)

Technical Support

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