Firmware 15.60 Release Notes

Horner Automation has released a new Firmware revision for the (**XLPlus).**
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 (XLPlus)	
Firmware	15.60
Kernel	4.9.12.3
FPGA	0.2

Firmware 15.60 – Bug Fixes	
1.	Resolved issue wherein user was not able to access files in a folder when FTP was configured as Read Only (10040)
2.	Resolved issue wherein only limited number of users configured in user security configuration was able to login via user access object (10016)
3.	Resolved extra verbiage issue displayed in Alarm summary and history listings on webpages (9045)
4.	Resolved following issues related to Automatic Recovery procedure - a. Application program mainly the Configuration and Ladder sizes were zero, and the OCS was going to idle mode. b. System settings were not getting restored from the Backup (6206)
5.	Resolved rebooting of device continuously after a power cycle if DHCP was enabled in LAN2 (8539)
6.	Resolved issue wherein Modbus client was sending zero value when holding register is not zero (8035)
7.	Resolved issue where CAN2 stops working after several power cycles (8612)
8.	Resolved issue wherein emails sent from OCS was being treated as spams due to email header missing time zone (9105)

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 15.60 – Known Issues		
	Issue	**Affected Controller(s)**
1.	Live graphics may take max scan rate (SR8) to around 700ms while applying changes to graphics. (1537)	XLPlus
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. (2410) **WORKAROUND:** Make IP address and subnet mask different for two interfaces.	XLPlus
3.	Copying large data (>100 MB) from microSD to USB or vice versa, an increase in max scan rate (SR8) may be seen. (1998)	XLPlus
4.	There is some delay in starting 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)	XLPlus
5.	Changing FW from newer to older version requires two times boot load and MAC ID gets erased. (2350) **WORKAROUND:** The issue is in 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. <u>Note</u> - While bootloading FW 15.04 or previous firmwares after loading FW 15.05.101, two times bootload may be required.	XLPlus
6.	Date format for retentive trends needs to be changed to dd-mmm-yy format. **Note** - This issue has been corrected in 15.30 fw for imx28 devices. (2348)	XLPlus
7.	XL+ scan rate high around 20ms with Animation object in specific file. (2352)	XLPlus
8.	XLPlus -watchdog while Device Boot up seen in 1 out of 100 power cycles (after device boots completely, unit resets and watch dog count will be increased). (2326)	XLPlus
9.	Sometimes retentive Trends scroll stops for a split sec and then again starts. (5838)	XLPlus
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 to XLPlus. (2443) **WORKAROUND:** Remove serial connection or mini USB before doing Save PGM from system menu | Removable media.	XLPlus
11.	Email will not work with Wi-Fi client mode. (5839)	XLPlus
12.	NTP protocol will not work if DNS IP is not configured. (4478) **WORKAROUND:** For NTP protocol to work, configure DNS IP.	XLPlus
13.	Sometimes ENDOFFTP.TXT file gets created when publishing webpage through FTP and WebMI will not work. (4440) **WORKAROUND:** Deleting ENDOFFTP.TXT file or power cycling the device, WebMI will start working.	XLPlus
14.	Sometimes Download to XLPlus using Cscan pass through gives error and Net get word/Net Put word blocks were not communicating after power cycle in XLPlus EIEC. (4886)	XLPlus
15.	Time stamping is not working in 'Alarm with Date/time stamp' block - IEC - Old issue. (5118)	XLPlus

16.	MODBUS Map slave block length check for Read Holding Register and Read coil bits are incorrect – EIEC. (5770) **WORKAROUND:** Configure same array length for Input Bits and coil Bits. Similarly, configure same array length for Input register and Holding Register.	XLPlus
17.	MODBUS ASCII protocol is not working for Do Request and old User Master blocks – EIEC. (5771) **WORKAROUND:** Use MODBUS RTU protocol in Master block or use serial Downloadable with Modbus Ascii protocol.	XLPlus
18.	Using multiple MODBUS blocks Do request and old user in same program with same port are not reading data from slave – EIEC. (5784) **WORKAROUND:** Use serial downloadable protocol.	XLPlus
19.	Not able to write values to %SR210 and %SR211 from screen and data watch for UTC in EIEC. (5824)	XLPlus
20.	Press key ladder block is not working in EIEC. (5822)	XLPlus
21.	Receive and ACK of messages (SMS) are not working properly in external modem. (5823)	XLPlus

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