

Firmware 15.64 (X2, XLE/Ee, XLT/Te) Release Notes

Horner Automation has released a new Firmware revision for the following products: **X2, XLE/Ee and XLT/Te**

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 the bootloader to be installed and is not optional.

| Latest System File Revisions for X2, XLE/Ee, XLT/Te | |
|---|---|
| Firmware | 15.64 |
| BIOS | X2 – 0.15 XLE/T - 0.28 XLEe – 0.30 XLTe – 0.33 |
| CPLD | X2 – 1.0 XLE/Ee_XLT/Te – 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 the deployment of the new firmware.

| Firmware 15.64 – New Features | | Affected Controllers: X2, XLE/Ee, XLT/Te |
|-------------------------------|---|--|
| 1. | Added support for following OCSIO models ADC270 and DQM602 | |
| 2. | Added System Register bit for System Menu access Note – Requires Cscape version 10.1 onwards. | |

| Firmware 15.64 – Bug Fixes | | Affected Controllers: X2, XLE/Ee, XLT/Te |
|---|--------------------------------|--|
| # | Main Subject | Description |
| 1. | Copy CF Block | Resolved: The device was displaying an exception for a specific program that had Copy_CF block tagged with a register greater than %R2048 in IEC languages |
| 2. | Copy RM Block | RM: Removable Media Resolved: An endless loop of nameless folders was created when "A:\\" in Copy RM block was used |
| 3. | Password object | Resolved: The title bar of the password object showed gibberish when Unicode fonts were created. |
| 4. | CANOpen SmartRail | Resolved: Hardfault error occurred when CANOpen SmartRail was configured in the program and downloaded |
| 5. | 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 |
| Applicable to XLEe and XLTe Only | | |
| 7. | Modbus client | Resolved: Modbus Client was sending Zero Value when the Holding Register was Not Zero |
| 8. | ETN 300 | ETN: Ethernet EGD: Ethernet Global Data Resolved: Cscape connectivity issue using Ethernet communication when running EGD protocol |
| 9. | WebMI – Alarms | RTN: Return to Normal Resolved: WebMI alarm history page not listing the RTN alarms |

| Firmware 15.64 – Known Issues | | | Affected Controllers: X2, XLE/Ee, XLT/Te |
|---|--------------------------------|---|--|
| # | Subject | Description | Workaround |
| 1. | 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"> 1. Clear the application 2. Run a power cycle 3. Load clone manually |
| 2. | 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 |
| Applicable to X2 Only | | | |
| 3. | Serial downloadable protocol | If there is parity and stop bit mismatch for the serial setting, the communication still occurs | N/A |
| Applicable to XLEe and XLTe Only | | | |
| 4. | 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 |

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