

Firmware 15.94 M7 (Micro OCS Series) Release Notes

Horner Automation has released a new Firmware revision for the M7 (Micro OCS Series) products (X4, X7 and 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 the bootloader (BIOS and CPLD) to be installed and is not optional.

Latest System File Revisions for the Micro OCS Series	
Firmware	15.94
BIOS	X4 – 0.34, X7 – 0.14, X10 – 0.08
CPLD	1.2

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 15.94 – New Features		Affected Controllers: X4, X7, X10
1.	None	

Firmware 15.94 – Bug Fixes		Affected Controllers: X4, X7, X10 (unless specified)
#	Main Subject	Description
1.	Touch	Resolved: Touching one part of the screen is affecting other parts of the screen.

Firmware 15.94 – Known Issues			Affected Controllers: X4, X7, X10
#	Subject	Description	Workaround
1.	Load Clone Feature with Password-Protected Autoload.Pgm Files	If the correct password is not entered before the timeout, all subsequent attempts to Load Clone will fail, even if the correct password is entered within the timeout period.	<ol style="list-style-type: none"> 1. Clear the application 2. Cycle power to the controller 3. Perform Load Clone with the correct password before the timer expires
2.	Backup Register	The Backup Register feature takes a long time (about 500ms), impacting the scan rate in Run Mode.	N/a
3.	WebMI License on the System Menu	The WebMI License details on the System Menu are not shown when the Ethernet cable is removed.	Connect the Ethernet cable to investigate the WebMI license.
4.	Publish Webpages Using the Web Designer Models	[At times] Hardfault errors are seen while publishing webpages when the device type is set to “Monitor” and then changed to “OCS display.”	N/a
Firmware 15.94 – Known Issues			Applicable to X10 only
5.	System Menu pop-up delay	There is a delay of about 1.5-1.8 seconds for the System Menu screen to pop up after pressing the System Key on an X10.	In User Interface / Display Settings, increase the Screen Priority to 10mSec or greater. This will add time to the overall scan rate

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