

## 14.02 Firmware Release for NX Products

### Summary

Horner APG announces the availability of Firmware Revision 14.02 for the OCS Controller NX models. This is available for download from the firmware section of the US web site, <https://www.heapg.com/support/controller-firmware/> or the European web site, <http://www.horner-apg.com/en/download/ocs.aspx>

### 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 new firmware.

### Factory Revision Letters for Last Released Version of Products (Pre 14.02)

Product	Revision Letter (Note the second letter indicates Firmware Revision)
HE-NX220, HE-NX221	HU
HE-NX222	JU
HE-NX250, HE-NX251	MV
HE-NX252	MU
HENX220CXX3, HENX221CXX3	HU
HENX221XX5	JU
HENX250C1X3, HENX251C1X3	MU
HENX251C1X5	JU

### Firmware 14.02 Enhancements – Feature Enhancements

Feature Enhancements	
1.	Grid Line Support for Trends and Graphs
2.	Object and Background Gradient Support
3.	Bitmap Transparencies
4.	Up and Down Key Support for the Recipe Object
5.	CsCAN Networking Block Support in IEC61131 with Array of Structure
6.	Passive FTP Mode (Ethernet Models)
7.	Full Support of Smart Block Family
8.	Extended Bit Register (> %R2048) Support for Contacts and Coils
9.	Increased CsCAN Ethernet Packet Size

## Firmware 14.02 – Issues Resolved

Issues Resolved	
1.	Corrected Previously Known Issue of with Auto Load feature with compact flash cards of greater than 2G.
2.	32 Bit Counter Passing Power Before Reaching the Set-point when the Reset is Enabled
3.	Removable Media Object – Color Updates Correctly for Card Full Status
4.	Reconnection issue with Modbus TCP/IP Server Protocol
5.	RM Object Not Opening to the Root Directory when Unicode is Selected
6.	Schedule Objects in Ladder not Passing Power when Set to Registers

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