

## 14.02 Firmware Release for QX Products

### Summary

Horner APG announces the availability of Firmware Revision 14.02 for the OCS Controller QX 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-QX451, HE-QX451-16	AN
HEQX451C1XX	CJ
HE-QX551, HEQX551-16	AN
HEQX551C1XX	CJ
HE-QX651, HE-QX651-16	AN
HEQX651C1XX	CJ
HE-QX751, HE-QX751-16	AG
HEQX751C000	AG
HEQX751C103, HEQX751C105	BG

### Firmware 14.02 Enhancements – Feature Enhancements

Feature Enhancements	
1.	Historical Trend Support including Logging and Playback
2.	Grid Line Support for Trends and Graphs
3.	Object and Background Gradient Support
4.	Bitmap Transparencies
5.	Up and Down Key Support for the Recipe Object
6.	CsCAN Networking Block Support in IEC61131 with Array of Structure
7.	Passive FTP Mode
8.	Full Support of Smart Block Family
9.	Extended Bit Register (> %R2048) Support for Contacts and Coils
10.	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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