    OCS

14.02 Firmware Release for XL4, XL7, and ZX Products

Summary

Horner APG announces the availability of Firmware Revision 14.02 for the XL4, XL7, and ZX controllers. 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 the Last Released Version of Products (Pre 14.02)

Product	(Note the second letter indicates Firmware Revision)
HE-XC1E0, HE-XC1E2, HE-XC1E3, HE-XC1E4, HE-XC1E5	CD
HEXT251C100, HEXT251C112, HEXT251C113, HEXT251C114, HEXT251C115	CD
HE-XW1E0, HE-XW1E2, HE-XW1E3, HE-XW1E4, HE-XW1E5	EC
HEXT391C100, HEXT391C112, HEXT391C113, HEXT391C114, HEXT391C115	EC
HE-ZX452, HE-ZX752, HE-ZX1152	BD
HEZX452C100, HEZX752C100, HEZX1152C100	BD

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 Blocks in IEC61131 with Arrays of Structure
7.	Passive FTP Mode
8.	Long File Name Support
9.	Hardware Handshaking Support (Only XL4 and XL7) - Requires New Kernel
10.	Downloadable BACNet Slave Support (Serial and Ethernet)
11.	Full Support of Smart Block Family
12.	Added Full Ethernet Support on LAN2 on the ZX product family

Issues Resolved
1.	Unicode Full Font Download Support
2.	32 Bit Counter Passing Power Before Reaching the Set-point when the Reset is Enabled
3.	Exception Fault generated when new program is loaded with no Smart Stix configured and the previous program contained a Smart Stix in the hardware configuration (XL7 only)
4.	Reconnection issue with Modbus TCP/IP Server Protocol
5.	RM Object Full Status Not Updating with Percentage Full Specified (XL4 only)
6.	Modbus TCP/IP Client Dynamic Slave Addressing
7.	RM Object Not Opening to the Root Directory when Unicode is Selected
8.	Schedule Objects in Ladder not Passing Power when Set to Registers
9.	H1 not working when configured for external input 3
10.	Remote access with the ZX controllers due to issues with Default Gateway settings.

North America:

Tel: (317) 916-4274
Fax: (317) 639-4279
Web: http://www.heapg.com
Email: techsppt@heapg.com

Europe:

Tel: +353 (0)21 4321 266 Ext 202
Fax: +353 (0)21 4321 826
Web: http://www.horner-apg.com
Email: technical.support@horner-apg.com