

## 14.06 Firmware Release for XL4, XL7, and ZX Products

### Summary

Horner APG announces the availability of Firmware Revision 14.06 for the XL4, XL7, and ZX controllers, corresponding with Cscape 9.6. 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 Deployment of Firmware Revision 14.06

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

### Firmware 14.06 Enhancements – Feature Enhancements

Feature Enhancements		XL4	XL7	ZX
1	Email with SSL support	X	X	X
2	Router software support for Cscape connectivity	X	X	
3	127 characters support in ASCII object	X	X	X
4	Improved Range of Standard Switch Icons	X	X	X
5	Video support	X	X	
6	Audio support ( <i>hardware rev G or later</i> )		X	
7	Improved meters and gauges	X	X	X
8	Button improvements with 3D style button	X	X	X
9	Gradients for Background Improvements	X	X	
10	Transparency in Animated text fields	X	X	X
11	Menu Object for ZX			X

### Firmware 14.06 – Issues Resolved

Issues Resolved		XL4	XL7	ZX
1	MJ3 RS485 port Modbus Slave functionality improved		X	
2	MJ2 RS485 connection to SmartMod functionality improved	X	X	
3	Scan rate jump when pop up menu active resolved	X	X	X
4	J1939 issue with same PGN and different source address	X	X	X
5	BMP operation improved	X	X	X
6	External registers for Ethernet protocols added		X	X
7	FTP bug fix for filezilla	X	X	X
8	Modbus TCP scanlist >16 issue	X	X	X
9	SFC step timing and parallel execution bug fix	X	X	X
10	Timer Object minimum setting ignored	X	X	X
11	Recipes - the 11th product name cannot be edited correctly	X	X	X
12	SNP Protocol loss of communication on XL7 MJ3 port		X	
13	EGD Multicast failed to recover from cable unplug and re-plug	X	X	X
14	RS485 Power-up port bias initialization failure	X	X	X
15	Re-initialized missing file length as 1 <sup>st</sup> word of media object file select screen	X	X	X

### Firmware 14.06 – Known Issues

Issues Resolved		Refer To Product Update Notice
1	XL7 Model 5 Analog Low Voltage reading (specifically Thermocouple) fluctuation affecting some units.	PUN3025

#### North America:

Tel: (317) 916-4274  
 Fax: (317) 639-4279  
 Web: <http://www.heapg.com>  
 Email: [techspt@heapg.com](mailto:techspt@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](mailto:technical.support@horner-apg.com)