



Cscape 8.60B Release Notes

Cscape 8.60B

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Cscape 8.60B Available for Immediate Download

Summary

Horner APG announces the availability of Cscape 8.60B for immediate download from www.heapg.com and www.horner-apg.com. This is a significant new release offering a variety of new features and product improvements.

Who Should Download Cscape 8.60B

- Users downloading Cscape for the first time
- Users of Cscape EnvisionRV software
- Users who wish to utilize the product enhancements listed below

Cscape 8.60B Enhancements – New Firmware is Not Required

- 1) Support for Subroutine Blocks. These are listed independently of the main program, and may be called from the main logic program, main logic blocks OR from other subroutine blocks.
- 2) Support for Cscape EnvisionRV 2.0
 - a. Support for Graphics projects utilizing a variety of high resolution displays, including widescreen displays up to 1920x1200 pixels.
 - b. Ability to transfer a project from the Cscape 8.60B development environment to the EnvisionRV 2.0 run-time environment with one click of the mouse
- 3) Connect/Disconnect Button allows Cscape 8.60B to relinquish the computer's communications port, allowing for easy interoperation between Cscape and other software packages (Envision, SCADA, OPC, etc.)
- 4) New, standardized communications configuration dialog incorporating TAPI (Windows Telephony Interface). This dialog is now common between Cscape, Envision RV, and Envision FX.
- 5) New Project File Format allows a complete project encompassing multiple controllers to be saved under a single file along with the individual component files (.csp).
- 6) Ability to easily move protocol settings from port-to-port, without the need to erase and manually re-enter the settings.
- 7) Ability to dynamically detect the insertion/removal of OCS USB cables and USB/Serial adapters and communicate through those ports without restarting Cscape.

Cscape 8.60B Bug Fixes – New Firmware is Not Required

- 1) DataWatch improvements. Previously, if a reference on the DataWatch was listed multiple times, deleting one instance of the reference would cause all other instances to stop updating. This has been addressed.
- 2) A problem that caused Pause-n-Load to not operate has been addressed.
- 3) Exporting programs for the OCS451, OCS551, and OCS651 now operates properly. The files created by some previous versions of Cscape would not successfully load in the field.
- 4) Program Uploads now successfully upload the language information for applications which utilize multiple languages.
- 5) A missing downloadable protocol file no longer causes a Cscape crash.
- 6) A Modbus downloadable protocol backward compatibility issue has been corrected.
- 7) A logic find for applications with multiple main logic blocks now finds elements in all logic blocks.
- 8) An error check for applications with multiple main logic blocks now operates properly across all logic blocks.

Cscape 8.60B Enhancements – [Firmware 12.40 or later is Required](#)

- 1) Modbus/TCP (slave) Ethernet protocol support for XLe, XLt, or XL6 controller with the HE-XEC Ethernet Communications Module installed. This is accomplished in Cscape using the “Open Port” and “Modbus slave” function blocks.
- 2) Memory Backup/Restore function. Allows backup of OCS Battery Backed RAM to local onboard FLASH.
- 3) Enhanced Timer Support
 - a. (optional) 32-bit accumulator
 - b. (optional) 1 second and 1mS time bases
 - c. Graphics Timer Object. Displays a timer accumulator onscreen in a selectable H:M:S format
- 4) Removable Media Copy Function Block. This function block allows files to be moved from one Removable Media file location to another.
- 5) Extended Register support for Receive and Transmit Function blocks

Cscape 8.60B Known Issues

- 1) Cscape Project Files (.cpj type) cannot be opened by double-clicking on the file. [Workaround - start Cscape normally, and open .cpj files from the “File” menu.](#)
- 2) Cscape operation is sluggish when long timeout values (>2000mS) are set in the Communications Options page, and nodes are absent. [Workaround - use the new “Disconnect” button to turn-off communications.](#)

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