



LOGIC BEACH, Inc.

Instruments designed with the User in mind

SOFTWARE RELEASE NOTES

Product: HyperWare-II, Build 2051

Release Date: 5-14-2010

FIRMWARE COMPATIBILITY:

This build is compatible with IntelliLogger firmware versions containing '**19**' as the second digit in the firmware version number.

Note: It is always recommended to update IntelliLogger firmware and HyperWare-II to the latest version if possible.

BUILD SUB-COMPONENTS AND VERSIONS:

This HyperWare-II Release contains the following sub-components. Not all components are updated in each release. For reference, the version numbers of these components are provided below:

Code Component	Version	Updated?
HyperWare.exe	1.19.1.16	Updated
GreenWater.exe	1.19.1.12	Updated
MultiCommLib.dll	1.19.1.10	Updated
ILControls.dll	1.19.1.12	Updated
Clib.dll	1.19.1.10	Updated

MODIFICATIONS CONTAINED IN THIS RELEASE:

Improved text for some diagnostic log checkboxes in the Logger Configuration dialog to clarify their meaning and purpose.

Added a message that pops up to tell the user when HyperWare has disconnected from the logger.

Improved alignment of the heading in the Logged Data Listing dialog.

Added option to retain the IntelliLogger output states (e.g. relays) during/after a reflash. This can be a benefit in applications that require the output to remain stable during a firmware reflash operation (e.g. in low-power

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applications where the relays are being used to control the power to a cell modem...which needs to remain powered during and after the reflash operation).

Added some error checking when attempting to load the new USB driver.

Added user clearable status flags to the Logger Status dialog.

Added the ability to set the Socket Timeout period. This is length of time to wait for an initial attempt at a network connection to be made.

Updated the warning message text that appears when the user attempts to download a net from a logger that does not already contain a valid net.

Added new Transient Filter icon which allows for filtering of undesired transients in waveforms.

Added new Scratchpad Read/Write icons which can be used for temporary storage and retrieval of calculated or sampled values within a Program Net.

Added the ability to access values from the Scratchpad registers in the Math icon.

Added new cursors and cursor text to the MinMax, Comparator, Flip Flop, and Math icons.

Modified the appearance of the Flip-Flop icon to include the letters 'S' and 'R' in the input regions.

Added the ability to automatically scroll in the Program Net window when dragging a connection or icon to the edge of the window.

Added the ability to use spaces in program net filenames.

Added the ability to scroll through the field containing the filepath to an image used as a custom webpage background in the Insert Background Image dialog.

Fixed a problem that would cause HyperWare to crash when entering dates after the year 2038 in the Scheduler icon by limiting dates to acceptable ranges.

Fixed a problem in Email Icon message editor preview where extra lines and non-printable characters were being added.

Updated the warning message text when trying to save a net with a name that exceeds the character limitation.

Reduced the size of the Modbus Slave Device Register icon dialog so that the entire dialog could fit on a screen with a vertical resolution of only 768 pixels.

Fixed an issue that could cause problems with the Modbus Slave Device Register icon dialog controls when using priority addresses with Modbus slave mode.

Added a Trigger input to the Modbus Slave Device Register icon in *Write* mode. It allows a Sample Rate Clock or any icon with a digital output to tell the icon to perform a write.

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Modified the functionality of the Modbus Slave Device Register *Test* button to use the "Write Single Register" command for 16-bit values instead of the "Write Multiple Registers" command.

Modified some text descriptions in the Modbus Slave Device Register icon dialog to improve clarity.

Added the ability to enter output units of the Modbus Slave Device Register icon while in *Read* mode.

Limited the length of custom webpage names to 20 characters.

Improved handling of custom webpage icon filename paths, including the background image filepath.

Added the ability to save custom webpages with uppercase letters in the filename.

Fixed a problem that would not allow the GreenWater favorites dialog to display properly when some newer versions of Internet Explorer were installed on a PC.

Fixed a problem that could lead to GreenWater crashing when a certain sequence of steps were followed.

Improved GreenWater to ensure that objects are initially updated when opening a custom webpage.

Fixed a problem that was causing time in the Scrolling Chart and Plotter objects to be off by an hour when using real-time trending or a custom webpage.

Fixed a problem in the real-time trending Label object that would sometimes cause its border to shrink when closing its configuration dialog.

Fixed the appearance of the 3D border of the real-time trending Label object.

Added the ability to use a 3D border with the real-time trending Toggling Text object and cleaned up text and border spacing to improve appearance.

Fixed a problem that would not allow the user to change the real-time trending Gauge object's font color.

Fixed a problem that would sometimes cause the loss of the real-time trending Plotter object's title when editing an axis.

Added the ability to buffer the most recent values when navigating away and returning to a GreenWater or real-time trending page.

Made improvements to how data was being stored for real-time trending and GreenWater displays.

Fixed a problem that would cause some real-time trending or GreenWater objects to display incorrectly.

Fixed a problem that was preventing the user from using the Cut command in the GreenWater address box.

Fixed a problem that would not allow the real-time trending Plotter object's time axis to be properly set.

Increased the page size for the real-time trending window.

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Changed the default fonts in some RTT and GreenWater objects so that fonts were consistent throughout all of the icons on the palette.

Fixed a problem that would not allow the user to edit objects in the real-time trending window after opening a saved XML file.

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