SOFTWARE RELEASE NOTES

Product: IntelliLogger Firmware, Version 1.19.1.7

Release Date: May 18, 2010

FIRMWARE COMPATIBITLITY:

This firmware release is compatible with HyperWare-II versions containing '**19**' as the second digit in the HyperWare-II version number.

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

MODIFICATIONS CONTAINED IN THIS CODE SET:

Increased the number of simultaneous TP connections from 2 to 6. This increase allows more users to simultaneously access the IntelliLogger via HyperWare and GreenWater custom pages.

Decreased the number of Modbus TCP connections from 8 to 4.

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 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 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).

Fixed a bug preventing Modbus slave operation via RS485.

Added the ability to login to FTP servers that return multi-line responses.

Implemented oversampling DSP to increase the effective resolution of the three IntelliLogger system base "low resolution" analog inputs from 10 bit (i.e. one part in 1024) to 12 bit (i.e. one part in 4096).

Changed Ethernet configuration from half-duplex to full-duplex which results in Ethernet communication speed increases on networks utilizing full-duplex communications.