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Vessel sensor data logging to SD memory and Cloud data servers is now available for SeaSmart™ network adapters

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Chetco Digital Instruments introduces the next generation SeaSmart vessel WiFi network adapter with sensor data logging directly to SD Memory. SeaSmart PRO™ interfaces directly to vessel data networks or sensors and provides a WiFi bridge to local devices, routers, and internet connections. A built-in Web server allows customers to view live vessel data using customizable instruments and graphs. Additional network ports allow third party Apps like the popular iNavX simultaneous access to vessel data over WiFi as well. SeaSmart PRO™ includes an internal SD memory card for storing data and later upload to Cloud Data Servers. SeaSmart PRO™ also includes 12 integrated analog ports for direct connection to vessel sensors. SeaSmart PRO™ is available with network options for Serial (NMEA 0183), USB, or NMEA 2000 and can record over a years worth of information before needing to be uploaded. SeaSmart PRO™ also includes PushSmart™ technology to automatically send vessel data to HelmSmart™ Cloud Servers when within range of an internet connection while continuing to record to SD memory when coverage fails.

A major benefit of the new SeaSmart PRO™ is seamless integration with Chetco Digital Instruments HelmSmart.net™ Cloud data services. Recorded SD data can be transferred to Cloud Servers automatically over WiFi or by using a simple Browser access page where it is then instantly added to the HelmSmart database. Once in the Cloud database, customers can search and view information using a variety of analysis, display, and alert tools. Cloud data storage provides fast and reliable access to vessel data using any browser enabled device. HelmSmart.net™ display tools include mapping (MapSmart.net), Graphing (GraphSmart.net), live instruments (netGauges.net), live plotting (netGraphs.net) and multidimensional data search. The new AlertSmart™ feature allows user defined messaging to email and SMS services. With SeaSmart PRO™, live vessel data can be streamed to HelmSmart™ cloud servers using on-board internet services and instantly viewed by any Browser enabled device. Hosting data on cloud servers provides continuous vessel access for many users, virtually anywhere.



SeaSmart PRO™ can be powered by the NMEA 2000 bus providing a very simple installation. The WiFi interface has a range of 300 feet and can auto-connect to both Ad Hoc and infrastructure networks using pre-configured security parameters. All adapter configuration and monitoring is done via embedded web pages. When paired with cell based data modems, SeaSmart PRO can auto upload to HelmSmart Cloud servers up to 20 miles offshore. The additional 8 switch status inputs and 4 voltage monitoring inputs allow for direct vessel monitoring of batteries, temperature, bilges, hatches, and more. With the optional GPS module, SeaSmart PRO™ can provide a complete stand alone vessel monitoring solution.

“We redesigned SeaSmart PRO™ to be the recommended data interface for our HelmSmart.net data services” commented Joe Burke CTO for Chetco Digital. An existing NMEA 2000 bus is all that is required to collect hundreds of parameters and automatically transfer to the HelmSmart Database over available internet connections. “HelmSmart.net™ is the first commercial NMEA 2000 database solution available to the general public with an industry standard JSON API” he added. Not only can customers use the pre-configured MapSmart.net™ and GraphSmart.net™ Web Browser portals, the JSON based API allows developers easy access to the database engine for custom app development. Developers can register for an API KEY to access NMEA 2000 data without any detailed knowledge of the Protocol specification.

SeaSmart PRO™ is available with a Serial/USB interface option or NMEA 2000 interface. All models include 8 Switch/Status inputs (Open/Close) and 4 voltage sense inputs (12/24V) With a footprint of only 4" X 5" X 2" and a power draw of less than 700mA, the water-resistant SeaSmart PRO™ adapter is perfect for Sail boats or other small craft that demand compact low-impact equipment.

SeaSmart PRO™ will be featured in the IBEX 2014 Connected Boat Pavilion Booth 1749 from Sept 30 - Oct 2 at the Tampa Convention Center in Tampa, FL.

For further information on HelmSmart™ visit www.HelmSmart.com. Guests can access the live site at www.HemSmart.net and view actual sample data. SeaSmart.net products are available directly on-line at www.seasmart.net and www.digitalmarinegauges.com . Pricing starts at \$495 for USB/Serial and \$595 for the basic NMEA 2000. Volume and kit pricing is available.

For more information on SeaSmart.Net™ visit www.seasmart.net. For SeaGauge™, and other Chetco Digital Instruments products, and where to buy, see our web site at www.digitalmarinegauges.com, email sales@chetcodigital.com or call 541 469 4783.

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