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New iPad/iPhone Marine apps support on-board and remote vessel monitoring using Cloud Base HelmSmart.net data services

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For the 2015 Miami International Boat Show, an expanded suite of iOS apps now support Chetco Digital Instruments HelmSmart.net Cloud data service. NMEAremote by zapfware.com and AirMar's OnSiteWX by Millportmedia.com have added options to connect directly to a vessel's sensor network from any internet location. The HelmSmart™ Cloud Base TCP Server receives data from on-board SeaSmart™ adapters over standard internet connections and forwards to apps that support the PushSmart™ protocol. Now, instead of using these popular marine apps on-board, they can also be used remotely to monitor and track vessel systems anywhere.

NMEAremote has long supported NMEA 0183 devices with its large view numerical display and now adds NMEA 2000 and cloud base services with version 2.2. Navigation, weather, and vessel data are easily accessed from on-board gateways or remotely using standard internet services. A new feature allows NMEAremote to capture log data on-board and email to the HelmSmart cloud server for off-site storage, analysis and display. In addition, live remote viewing of vessel data is supported via the HelmSmart™ TCP server.

AirMar's new OnSiteWX app provides a full graphical interface to vessel Weather Stations, Smart Transducers, Navigation, Engines, Tanks, Batteries, and more. Custom layouts are quickly arranged to organize data in multiple views accessed by intuitive "swipe" gestures. Sophisticated graphics show Apparent Wind angle and speed in fluid animation both on-board and remotely. With native support for HelmSmart.net Cloud services, users can monitor multiple weather stations in different locations from a single app using existing internet connections.

The new iOS apps join iNavX 4.1.2 and the SeaSmart™ Web Brower in supporting remote access to vessel network data. "By using apps they are already familiar with, users can now monitor vessel systems via the global internet", said Joe Burke CTO for Chetco Digital Instruments.



HelmSmart.net offers direct communication links with vessel sensor and instrument systems by leveraging already installed networks via its SeaSmart Gateways and provides internet access using established on-board equipment. Data is uploaded directly to HelmSmart.net Cloud servers for storage and retrieval using advanced search engine technology and Web APIs. With HelmSmart.net, clients can access both stored and live data for charting, mapping, tracking, graphs, alerts, and reports.

HelmSmart™ is designed to simplify access to vessel network data by creating a common format for all sensors like fluid tanks, batteries, bilge levels, engines, weather, compass, sonar and more. Existing networks are supported including Ethernet, CAN Bus (J19), Wi-Fi, NMEA 2000 and NMEA 0183. SeaSmart Gateways provide the physical interface from vessel to cloud while HelmSmart™ provides the client visual interface. HelmSmart is compatible with other vendor protocols and equipment including Garmin, Navico (Lowrance/Simrad/B&G), Raymarine, Humminbird, Maretron, and Actisense. Once data reaches the HelmSmart cloud, it does not matter where it came from.

All that is required to start using the HelmSmart™ service is a SeaSmart Gateway and internet connection. SeaSmart adapters can access the internet directly via WiFi hotspots, Cellular networks, Satellite, cable modems, and Ethernet. If no connection is available, SeaSmart will record data to local SD memory and can be later uploaded to the HelmSmart servers using built-in browser interface or the new NMEArete app. The SD memory cards can hold over a years' worth of data and can be removed for manual upload. Data can be also uploaded directly from any PC/Laptop with an internet connection and network gateway such as a NMEA 2000 to USB adapter from Chetco Digital or Active Research. SeaGauge products are available to convert up to 16 sensor outputs directly to PushSmart™ Protocol and send directly to HelmSmart servers without requiring a full on-board network.

NMEArete 2.2 (www.zapfware.de) and OnSiteWX (www.millportmedia.com) are available for download from the Apple AppStore. Please contact vendors directly for availability and pricing. iNavX (www.inavx.com) is also currently available at the AppStore. All apps are for iPad and iPhone only.

For information on all apps that support PushSmart™ and HelmSmart™ technologies, visit the SeaSmart.net web site at <http://www.seasmart.net/marine-wireless-networking-WebSites.html>.

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 \$395 for USB/Serial and \$495 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.

Joe Burke

Phone: 541 469 4783

E-Mail: sales@seasmart.net

Web: <http://www.seasmart.net/marine-wireless-networking-press.html>

1340 Winchuck River Rd Brookings, OR 97415