

[For Immediate Release](#)

Vessel switch module combines sensor gateway and internal relays for remote control using any browser enabled device.

Tampa, Florida — September 27, 2016

Chetco Digital Instruments introduces next generation SeaSwitch™ products for the 2016 IBEX International Boat Builder show in Tampa, Florida (booth 1745). SeaSwitch G2™ Remote Switching units provide up to 12 circuits controlled by vessel network protocols including USB, RS232 (NMEA 0183), NMEA 2000, Ethernet, and WiFi.

Embedded web browser interface is compatible with devices such as Chart Plotters, PCs, Android tablets, iPads, and SmartPhones. The built-in network gateway allows data from other on-board sensors such as temperature, pressure, fluid levels, voltages, and more - to be combined with switching functions and uploaded to Cloud servers for analysis and display. SeaSwitch G2™ interfaces directly to vessel data networks to provide both switch control and sensor display in a single device. SeaSwitch G2™ Remote Switch units provide 8 internal 10 Amp relays and an additional 4 external relay drive outputs. Options are available to directly control up to 4 separate LED lighting circuits in addition to standard functions including Nav Lights, Bilges, Cabin Lights, Blowers, pumps, and more



The built-in Web Server and networking options allows SeaSwitch G2™ to accept sensor inputs over a vessel's existing network and also provide centralized control of switching systems. Sensor and Switch status can be upload to the HelmSmart.net™ Internet site for display as charts, maps, spreadsheets, gauges, and other analytical tools. "We have created a single gateway that provides the best of both worlds" comments Joe Burke CTO for Chetco Digital. "Our integrated browser interface allows viewing of sensor data while interacting with switching systems in one platform" he added. Programmable alarm points enable SeaSwitch G2™ to monitor NMEA 2000 sensors and command reactive relays in response. "Smart Switching nodes are now possible" Burke added when referring to how multiple SeaSwitch G2™ units can be easily staged at various locations along the vessel network to control systems based on sensor response.

SeaSwitch G2™ can be used stand-alone via its embedded Web Browser interface or as part of a larger distributed command system. Leveraging multiple network technologies such as Ethernet, WiFi, Cellular and NMEA 2000 - SeaSwitch G2™ units can be linked together to expand nodes on the same network cable. Therefore lighting control from bow to stern is accomplished over a single command point. In addition, internet cloud access allows remote control from virtually any location while providing live monitoring and status..

SeaSwitch G2™ has been upgraded with a new sealed enclosure design and 24 wire cable harness to accept 8 SPST AC/DC inputs and 4 external outputs. The 8 internal 10 amp relays are rated to 34VDC and 250V AC. The 4 external outputs can drive standard 12VDC relays/ solenoids or a LED light string up to 5 amps each. Adding direct LED Light drivers makes SeaSwitch G2™ an ideal lighting system controller by utilizing a vessels NMEA 2000 network to distribute light sources. New NMEA 2000 based keypads and spot lights greatly simplify installation and control.

A major benefit of the new networking options is seamless integration with Chetco Digital Instruments HelmSmart.net™ Cloud data services. Live or Recorded SD data can be transferred to Cloud Servers using available internet connections where it is then instantly added to the HelmSmart database. Once in the Cloud, customers can search and view information using a variety of analysis and display tools. Cloud base 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. With a SeaSwitch G2™ Ethernet or WiFi interface option, live vessel data can be streamed to HelmSmart™ cloud servers using on-board internet services and instantly viewed with any Browser enabled device. Hosting data on cloud servers provides continuous vessel assess for multiple users, virtually anywhere.

SeaSwitch G2™ is standard with Serial/USB/NMEA 2000 interfaces, 8 internal 10 Amp relays, 4 external 12VDC relay drivers, and sealed enclosure with 24 wire flying lead harness. Ethernet, WiFi, or cellular network interfaces are optional. SD data logging is included with WiFi and Ethernet options. Pricing starts at \$595 for SeaSwitch G2™ base unit and \$695 for Ethernet, or WiFi options.

For more information on SeaSwitch G2™, and other Chetco Digital Instruments products, and where to buy, see our web sites at www.SeaGauge.com & www.digitalmarinegauges.com & www.helmsmart.com or email sales@SeaGauge.com.

Joe Burke

(541) 469-4783

sales@SeaGauge.com