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Divelbiss VersaCloud M2M - An End-To-End IoT Solution

Fredericktown, OH June 25, 2015 – Divelbiss Corporation, serving the electronics and industrial control industry since 1974, announces the introduction of VersaCloud M2M, a complete end-to-end cloud monitoring and control solution. This solution merges hardware, software, communications, and cloud services into a seamless, easily deployed control and monitoring system designed for the mobile, industrial, environmental, agricultural, and construction markets. Native support for industry standard protocols such as SAE J1939, NMEA2000 and MODBUS, in addition to hardened I/O, PLC control capabilities, and SD card data logging, allow for a high level of flexibility when implementing a multitude of control and monitoring applications.

As part of the complete end-to-end solution, Divelbiss is releasing a spectrum of VersaCloud M2M enabled Controllers and Gateways based on the P-Series PLC on a ChipTM technology. With options ranging from NEMA 4 sealed enclosures to open-board packaging options, and supporting analog & digital I/O, encoders, PWM outputs, SD Card data logging, real time clock, RS232/485 serial, Ethernet, Wi-Fi, CAN, GPS, and cellular communications, a device is available for nearly any conceivable application. All VersaCloud M2M enabled controllers are programmed using the Divelbiss EZ LADDER® Toolkit, available at no cost, in Ladder Diagram, Function Block, and Structured Text languages, providing a high level of application capability. If an application has unique I/O, communications, or packaging requirements, the Divelbiss P-Series PLC on a ChipTM allows custom controllers to be developed quickly and easily.



VersaCloud M2M Products from Divelbiss Corporation

Developed with cellular communications in mind from the beginning, the Divelbiss <u>VersaCloud M2M</u> platform utilizes a low-overhead industry-standard communications protocol to minimize data usage. This protocol allows sending and receiving messages using a little as 150 bytes of data. In addition to cellular, cloud communications may also be performed over Wi-Fi and Ethernet. Private cellular network and server options are also available.

The <u>VersaCloud M2M Cloud</u> platform provides a secure web-based user portal for access to device data and dashboards. The platform provides an easy to configure dashboard interface to display current and historical data through drag-and-drop graphical java widgets. A wide range of widgets are available, such as: dial gauges, tank level graphs, bar graphs, line graphs, maps, tables, etc. Custom java widgets can also be easily implemented. Multiple <u>dashboards</u> are also supported to provide for the hierarchical display of equipment data, allowing the user to 'drill-down' to get more granular data for a specific piece of equipment. Email and SMS messages can be automatically generated based on simple to configure event triggers. The VersaCloud M2M platform API also allows the user to export data for off-line analysis or utilization by external software or mobile device app.

To purchase any of the <u>P- Series Bear Bones Controllers</u>, <u>VB-2000 Series Controllers</u>, <u>HEC-P5000 Series Controllers</u>, <u>VersaGateway Controllers</u>, <u>EZ Ladder Toolkit</u> software or for more information, please call 1-800-245-2327, visit <u>www.divelbiss.com</u> or email <u>sales@divelbiss.com</u>.

Divelbiss Corporation, a leader in the development and manufacture of state-of-the-art industrial electronics since 1974, provides R&D operations, design services and manufacturing at our corporate headquarters located in Fredericktown, Ohio. Divelbiss Corporation is ISO-9001:2008 with Design certified.

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