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Divelbiss VersaGateway Controller – Bridging Communications Busses and Enabling IoT Connectivity

Fredericktown, OH July 7, 2015 – Divelbiss Corporation, serving the electronics and industrial control industry since 1974, announces the introduction of VersaGateway Controller, an enhanced communications controller capable of translating between various protocols and enabling Cloud Communications with the Divelbiss VersaCloud M2M platform. Programmed using the no-cost Divelbiss EZ Ladder Toolkit in Ladder Diagram, Function Block, and Structured Text, and based on P-Series PLC on a Chip™ technology, the VersaGateway provides maximum flexibility when translating between different serial bus protocols, logging system data to the full size SD card, or adding IoT capability to existing systems.

The VersaGateway supports communications through a multitude of ports. It features two serial ports, which are user configurable as RS232 or RS485, and supports MODBUS RTU/ASCII protocols as either a Master or a Slave device. The serial ports are also directly programmable via the Structured Text programming language, allowing the implementation of custom protocols, which makes them ideal for communicating to bar code scanners, RFID readers, or other serial devices. Two CAN ports are available, one of which is isolated and configurable for NMEA2000 bus power. Both CAN ports fully support the SAE 1939 and NMEA2000 protocols. Ethernet and Wi-Fi ports can be used for MODBUS TCP Server and Client communications, as well as IoT communications with the VersaCloud M2M platform. The VersaGateway has optional cellular capability for communicating with the VersaCloud M2M platform. A GPS option is also available.

Divelbiss VersaGateway

For applications that require data logging, the VersaGateway has a Real-Time-Clock, 512K of battery backed SRAM, and a full size SD card. These features give the user ultimate flexibility and options for implementing data buffering and logging. When utilized with the Divelbiss VersaCloud M2M platform, the VersaGateway can communicate data to VersaCloud, where it is date/time stamped and stored in the Cloud database for later viewing, analysis, and export. The VersaGateway supports supply voltages from 9-32VDC and has a wide operating temperature range of -40°C to +80°C, making it suitable for use in applications with extreme environmental requirements.

The VersaGateway gives the user the ability to add Data Logging and IoT Connectivity to virtually any application in the mobile, industrial, environmental, agricultural, construction, and other markets. As a part of the Divelbiss VersaCloud M2M complete end-to-end IoT connectivity solution, the VersaGateway provides a powerful, flexible system to enable remote control and communications.

To purchase any of the VersaGateway Controllers, VersaCloud M2M Service, EZ Ladder Toolkit software or for more information, please call 1-800-245-2327, visit www.divelbiss.com or email sales@divelbiss.com.

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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