



Divebiss Corporation

Design & Manufacture of off-the-shelf and custom Programmable Logic Controllers, Electronics & Internet of Things (IOT) Devices

April 14, 2015

Divebiss E-News - April 2015



Product News - Latest News Release

Fredericktown, OH March 31, 2015 - Divebiss Corporation, serving the electronics and industrial control industry since 1974, announces significant upgrades to their P-Series PLC on a Chip™ based controllers integrating enhanced J1939 / NMEA2000 connectivity options and SD Card data logging. By supporting user configurable messaging, users will now have the freedom to fully implement these communication buses.



For applications utilizing Tier IV diesel engines or marine equipment, the capability of communicating via their CAN bus interfaces provides access to a wide array of operational and control parameters. The latest release of Divebiss EZ Ladder Toolkit® and P-Series PLC on a CHIP™ based products now allow for user-defined J1939 and NMEA2000 messages.

[See the entire News Release](#)

New Appnote!

See how to receive data over a CAN network using **SAE J1939** and log the received data to an SD Card using [Versatile Base \(VB\) 2000 Series controllers](#). Can be implemented with other P-Series PLC on a Chip™ based controllers with SD card support.



This data-logging feature was added on [EZ LADDER Toolkit V1.2.0.1 \(Beta\)](#) and is available on all later versions including the latest Beta Release. [Get the latest version.](#)

[Download the J1939 Data-logging AppNote](#)

Other Appnotes available include:

- DC Motor Control
- Temperature Control with Hysteresis
- Closed Loop Valve Controller
- Non-Linear Curve Response
- Drum Sequencer
- Setpoint Tachometer

[See all Available Appnotes](#)

What can an Embedded PLC do for your controls solution? - White paper

A cost-effective solution for an embedded PLC is the use of an Integrated Circuit (IC) that is a complete PLC. Using a single-chip PLC, development time is greatly reduced because the software drivers for various types of I/O are already embedded on the chip. Once the system I/O has been defined, the appropriate interface circuits can be added to the design and programming can be completed easily using the ladder logic programming language and software such as EZ LADDER.

[Read the entire White paper](#)



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