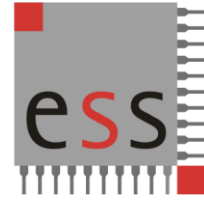


Press release



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international CAN Conference

Second Generation CANopenIA line of products

The Embedded Systems Solutions GmbH (ESSolutions) and the Embedded Systems Academy (ESAcademy) jointly announce the availability of their second generation CANopenIA line of products. These products provide developers and system integrators with Instant Access to CANopen networks. The CANopenIA chips, modules and devices directly implement I/O functionality or provide Linux, Windows or Android devices with generic serial interface access to CANopen networks.

The hardware options by ESSolutions include:

- CANginelight, a CANopen to serial device, powered through DB9 CAN connector, second DB9 connector with RS232/UART connection
- CANginell-BT, a CANopen to Bluetooth device, powered through DB9 CAN connector
- CANopenIA-M0, a configurable digital and analog I/O chip or module

The CANopenIA firmware options by ESAcademy include:

- CANopen communication behaviour configurable through CANopen EDS (Electronic Data Sheet)
- Simple serial protocol on the Bluetooth / serial side of the CANginel products
- Support of multiple device and application profiles on CANginel products, including CiA 447 for add-on automotive electronics, CleANopen and many others
- Support of generic I/O device profile CiA 401 on CANopen-IA-M0

„When it comes to implementing CANopen, there is no faster development cycle available than CANopenIA,“ says Olaf Pfeiffer, President at ESAcademy. „The CANopen protocol is already fully implemented within the chips, modules or devices.“

CANopenIA also increases an application's security level by decreasing the possible intruder attack vectors. In systems using the CANopenIA bridge from CAN to serial, CANopenIA acts as a firewall. At the serial communication level there is no direct access to individual CAN messages, only CANopen objects can be addressed.

For more information on CANopenIA, see www.canopenia.com

About Embedded Systems Solutions

ESS Embedded Systems Solutions GmbH was established in 2001 and is by now a privately owned GmbH. ESS specializes in the development of micro controller based applications for industrial communication, industrial

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automation, for measurement and control technology and automotive applications. Communication adapters for commercial vehicles represent a significant part of the portfolio.

About Embedded Systems Academy

The Embedded Systems Academy is a Barsinghausen, Germany and San Jose, California based company providing tools, training and services for planning, implementing, debugging, commissioning and testing of embedded networking technologies including CAN, CAN FD, CANopen, CiA447, J1939 and others.

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