

port GmbH / Regensburger Straße 7b / 06132 Halle / Saale

Tel: +49-345-77755-0

Press officer: Dietmar R. Franke (CEO/CFO)

eMail: drf@port.de

PRESS RELEASE

GOAL – (Generic Open Abstraction Layer), is a sophisticated Middle-Ware to integrate Real Time Communication in IoT and Industrie 4.0 applications.

Dietmar Franke, CEO port GmbH: „ We see many small- and mid-sized companies not being able to handle the effort and know-how requirement of IoT and Industrie 4.0. We want to enable such companies to access the market and to serve their customers. Our customers keep the focus on their core-competency, our GOAL middleware takes care of the communication.“

The new GOAL middleware offers already without fieldbus functionality many features like Switch-Management, Core to Core communication As well as the 5 most frequently used Communication Protocols like PROFINET, EtherNet/IP, EtherCAT, POWERLINK and CANopen.

GOAL offers a sophisticated “Network Management” (PHY Management, Ethernet frame sending/receiving, Switch Management with CLI, Interface Management, IP Address Management (if supported by underlying OS and TCP/IP stack), HTTP Server and more.

The integrated “Configuration Management“ offers comfortable options for configuration (Central management of configuration variables, Variables identified by module and id, Callbacks for value validation and when values change, Loading/saving of variables, Variables can be marked as temporary and locked, Customer storage systems can be integrated)

Extensions, such as DLR, IEEE1588, RSTP, 802.x, Profibus DP are available as well.

All options are available for the following MCU platforms by Renesas: RZN, RZT and RIN32M3.

The scalability of the GOAL middleware enables the use of GOAL with various platforms. GOAL is being supported by useful Design Tools.

The product is being licensed as Product-, Project- or optional Site - License. For certain business cases a Royalty based License model can be defined.

Web: <http://www.port.de/en/products/applications/goal-rzn.html>

About port GmbH

port is known as one of the leading providers for communication technologies. Starting with CANopen in 1990 port the portfolio now contains all major protocol of the Industrial Ethernet world such as PROFINET, EtherNet/IP, EtherCAT and POWERLINK. Besides the standard activities like licensing protocol stacks, training and implementation port also offers customer specific engineering services and manufacturing services for electronic devices and systems.

port Gesellschaft für computergestützte Automation mbH
Regensburger Straße 7b
D-06132 Halle/Saale

Dietmar R. Franke

CEO

Contact:

Phone: +49 345 777 55 0

Fax: +49 345 777 55 20

E-Mail: service@port.de

Internet: www.port.de