Press release

BECKHOFF New Automation Technology

PR202015

24th November 2015

Software, IoT, Industry 4.0

Efficient integration of data and communication services in the cloud

TwinCAT IoT: The fast, standardised route into the cloud

With the new TwinCAT IoT, the TwinCAT 3 engineering and automation software provides a complete solution for fast and efficient realisation of IoT and Industry 4.0 concepts. TwinCAT IoT supports standardised protocols for cloud communication and for sending push notifications to smart devices. The extension of conventional control tasks, through applications such as Big Data, pattern recognition or condition and power monitoring in the cloud, results in exciting production efficiency increases.

TwinCAT 3 IoT is fast and easy to configure. Together with an Embedded PC or Industrial PC as the IoT controller, the software provides a seamless connection between the Internet of Things (IoT) and the Internet of Services. Filtering, further processing and interpretation of the collected data via TwinCAT Analytics create genuine added value. Comprehensive analyses enable predictive maintenance, machine downtimes are reduced, and control solutions are optimised – for example, through the minimisation of cycle times or energy peaks.

The upgraded software platform offers users a wide range of functions for exchanging process data via standardised communication protocols and accessing special data and communication services of cloud service providers. Corresponding services can be hosted in public cloud systems, such as Microsoft Azure™ or Amazon Web Services™. In addition, these can be housed in local networks.

Beckhoff Automation GmbH & Co. KG
Huelshorstweg 20
33415 Verl, Germany
Phone: +49 (0) 5246 963-0
Fax: +49 (0) 5246 963-198
E-Mail: info@beckhoff.com
www.beckhoff.com

Press contact
Martina Fallmann
Silke Franke
Phone: +49 (0) 5246 963-140
Fax: +49 (0) 5246 963-199
E-Mail: press@beckhoff.com
www.beckhoff.com/press

The interaction of TwinCAT IoT with TwinCAT Analytics offers further benefits. Setting up a TwinCAT Analytics workbench for central analysis of data from several machines offers maximum flexibility for communication of the corresponding process data through the use of different TwinCAT 3 IoT products.

➔ **www.beckhoff.com/TwinCAT-IoT**

Press picture:

Picture caption:

TwinCAT IoT supports standardised protocols for cloud communication and for sending push notifications to smart devices.

Text and picture:

www.beckhoff.com/press/pr202015

Beckhoff Automation GmbH & Co. KG
Huelshorstweg 20
33415 Verl, Germany
Phone: +49 (0) 5246 963-0
Fax: +49 (0) 5246 963-198
E-Mail: info@beckhoff.com
www.beckhoff.com

Press contact
Martina Fallmann
Silke Franke
Phone: +49 (0) 5246 963-140
Fax: +49 (0) 5246 963-199
E-Mail: press@beckhoff.com
www.beckhoff.com/press