

Hannover Messe 2016: CENTERSIGHT IoT platform now speaks OPC UA

Device Insights is supercharging the Internet of Things

Hanover/Munich, April 20, 2016 – The Internet of Things universe can only develop fully in the absence of barriers. That is why Device Insight continues to back open standards for its CENTERSIGHT IoT platform. With the support of the OPC UA industry standard, the Munich-based company is putting the industry revolution into overdrive: faster data queries and manufacturer-independent machine communications. Device Insight will be demonstrating how this will simplify the integration of machine data at Hannover Messe (April 25-29), in Hall 7 at Stand D28.

To understand the benefits of the OPC UA standard, it is best to go back to its origins: the OPC Classic (OLE for Process Control) predecessor was the first to make it possible to acquire machine and plant data across bus systems and protocols. The protocol accelerated industrial engineering processes tremendously. OPC UA, the successor technology, not only contains a modern communications protocol, but also represents a unified architecture. This gives IoT providers new areas of application which will soon be in high demand in the context of IoT and Industry 4.0.

Connected machines communicate based on standards

Clear benefits can be expected from Device Insight's integration of the OPC UA stack into its CENTERSIGHT IoT platform. In the Industry 4.0 environment there is no other interface with such comprehensive support by manufacturers and such far-reaching functionality. OPC UA is a unified and extensible architecture which makes it possible to query historical and current data, identify and search machine topologies and send machine configurations and control commands. The standard provides modern security mechanisms and is also suitable for connecting to remote cloud-based systems, such as IoT platforms, thanks to efficient data encoding.

Thomas Stammeier, CTO at Device Insight, explains the opportunities offered by OPC UA implementation: "OPC UA is far more than a universal and flexible interface. We're talking about a unified architecture which helps us to seamlessly integrate our IoT platform with Industry 4.0 applications. As market demands are rising rapidly, we expect demand for OPC UA to grow correspondingly. We want to be trailblazers and are integrating the open industry standard with our CENTERSIGHT IoT platform.

As our architecture is standard-compliant, we can differentiate ourselves clearly from isolated solutions. The broad functionality of OPC UA, the unified data model and up-to-date security mechanisms enable us to implement high-performance Internet of Things solutions efficiently."

Visitors to Hannover Messe can experience CENTERSIGHT live at the Device Insight stand D28 in Hall 7 (joint stand with Bitkom) from April 25-29. The [company website](#) provides further information on CENTERSIGHT.

Images



Thomas Stammeier, CTO at Device Insight

High-resolution image material can be requested from deviceinsight@sprenkel-pr.com.

Image source: Device Insight; use is permitted for editorial articles on Device Insight provided that source reference is given; commercial distribution is not permitted. Trademarks: Product names marked ® are brands belonging to Device Insight GmbH, a registered trademark. Specimen copy requested of reprints.

About Device Insight GmbH

Device Insight GmbH, a leading provider of Internet of Things platforms, was founded in 2003. The CENTERSIGHT® IoT platform is the company's flagship product. It supports the global networking of machines, vehicles, facilities and devices as well as providing data acquisition, data analytics, reporting, remote service and alerting. Globally, Device Insight works in over 15 countries with large enterprises and mid-size customers from various sectors, including machinery and plant engineering, HVAC, commercial vehicles, vending, transport, energy as well as the Connected Home sector. Device Insight's services range from business case analyses and implementation to safe IT operations. Device Insight builds long-term partnerships with its customers to help them realize their IoT visions. As a full-spectrum service provider, it consults on all the components of the IoT ecosystem. The company is one of the few service providers listed in all six categories of Experton Group AG's "Industry 4.0/Internet of Things Vendor Benchmark 2016" and was featured as a "I4.0/IoT Leader Germany" in the "Industrial Big Data Analytics" and "Industrial Big Data Visualisation" sections.

Further information:

Device Insight GmbH
Willy-Brandt-Platz 6
D-81829 Munich, Germany

PR agency:

Sprenkel & Partner GmbH
Nisterstrasse 3
D-56472 Nisterau, Germany

PRESS RELEASE

**DEVICE
INSIGHT**

Contact:

Julia Diesing

Head of Marketing & PR

Tel.: +49 89 4545 448-19

Fax: +49 89 4545 448-66

julia.diesing@device-insight.com

www.device-insight.com

Contact:

Olaf Heckmann

Marius Schenkelberg

Tel.: +49 2661 91260-0

Fax: +49 2661 91260-29

deviceinsight@sprenge-pr.com

www.sprenge-pr.com

