

Nuremberg, February 26, 2018

Hannover Messe 2018, Hall 9, Booth D35

Siemens optimizes drive system performance with digital platform

- **Sidrive IQ – the digital platform for drive systems across the entire life cycle**
- **Platform based on networked drive systems from Siemens**
- **Added productivity, reliability and serviceability value**
- **Predefined service packages to address specific customer needs**

With Sidrive IQ, Siemens is offering a new digital platform for the evaluation and utilization of drive data based on MindSphere, the cloud-based open IoT operating system in use across wide-ranging industries. Users of networked drive systems are afforded direct access to new functionalities designed to support industrial production and maintenance tasks. The result: increased productivity, reliability and serviceability for complete drive systems over their entire life cycle. Sidrive IQ can be used to support an array of applications in different industries.

At this year's Hannover Messe, Siemens will be presenting its new Sidrive IQ digital platform using the example of a low-voltage drive system. The Sidrive IQ functions will also be available for use with medium and high-voltage drive systems in the future, and can be retrofitted to upgrade existing systems in the field.

The new Sidrive IQ digital platform enables automated operation monitoring, using system parameters to create greater transparency and afford plant and machine operators a valuable insight into what's happening in their installed drive systems. Using connectivity solutions such as Simotics Connect for low-voltage motors, operating data of relevance is captured and used to determine the system's current status. This enables users to evaluate and remedy operational malfunctions, identify preventive measures to avoid unscheduled downtimes, and generally improve their maintenance planning and implementation.

The interaction between measured data and digital twins using Sidrive IQ can make

available measured values, status and operational KPIs, service messages, technical product data as well as spare part information. This not only saves time and effort spent on data acquisition, but also simplifies visual analysis and speeds up qualified intervention during both production and maintenance – for a single drive system or an entire installed fleet. A comparison of operating, status and maintenance information across not only different systems but also several locations forms a solid foundation for the optimization of customer processes. With Sidrive IQ, Siemens is providing the ideal platform on which to achieve improved drive technology efficiency and productivity across the entire life cycle.

Rounding off the digitalization portfolio is a range of predefined service packages such as Digital Check, Connect Package, Expert Assistance and Expert Diagnostics. With this offering, Siemens is making it possible for producers to digitally link the drive train, identify weak points at an early stage, remedy system faults and also optimize their service and maintenance planning.

With Sidrive IQ Services, the Digital Drive Train Services portfolio for drive systems provides a digital service spectrum from a single source which is ideally tuned to individual customer needs.



With Sidrive IQ, Siemens is offering a new digital platform for the evaluation and utilization of drive data based on MindSphere, the IoT operating system.

This press release and a press picture are available at

www.siemens.com/press/PR2018020176PDEN

For further information on Sidrive IQ, please see www.siemens.com/sidrive-iq

For further information on Siemens at the Hannover Messe 2018, please see

www.siemens.de/hannover-messe and www.siemens.com/presse/hm18

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