

## Media Release

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### **Voith and Siemens sign cooperation agreement to offer a condition monitoring solution for the Scharfenberg coupler**

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- **This cooperation brings together the expertise of Voith in the field of Scharfenberg couplers with Siemens experience regarding digital rail services**
- **Development of a Voith solution for the Siemens Application Suite Railigent**

**Heidenheim/Munich.** Voith and Siemens enter a cooperation for the development of a condition monitoring solution for the Voith Scharfenberg coupler. The Siemens AG and the Voith Turbo GmbH & Co. KG signed the cooperation agreement in May 2018.

Due to the extensive expertise in the areas of energy absorption, front end systems and couplers as well as digital know-how, Voith will take over the development of the solution within the cooperation's framework. Siemens integrates the application into Railigent, which is based on MindSphere, the underlying Siemens IoT operating system. Railigent offers a wide range of digital services to manage rail assets smarter, including apps for smart monitoring, smart data analysis and smart prediction for rolling stock, signaling as well as for rail infrastructure. The Voith solution which will be developed is to be offered on the Siemens Railigent application suite.

This solution monitors the coupler's deformation tube and damper, and will be able to lower inspection and maintenance costs. Furthermore it reduces unplanned down-time and increases the level of passenger safety.

The goal of the cooperation is a joint presentation of a preliminary solution at the Innotrans 2018 in Berlin (Germany). Besides, both parties have shown the intention to further strengthen the cooperation by offering solutions for more Voith components on the Siemens Railigent application suite.

"Rail operators are required to increase the availability of their rolling stock. By means of this cooperation, we combine the competencies of both Siemens and Voith to offer a digital, value-adding solution that serves this need of our customers", explains Cornelius Weitzmann, Executive Vice President & CEO Mobility, Voith Turbo GmbH & Co. KG.

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## About Voith

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Voith Turbo, a Group Division of Voith, is a specialist for intelligent drive solutions, systems and comprehensive services. Customers from highly diverse industries such as oil and gas, energy, rail and commercial vehicles, ship technology, mining and mechanical engineering rely on the advanced technologies and solutions-driven expertise of Voith Turbo.

Voith Digital Solutions bundles Voith's long-standing automation and IT expertise with its know-how in the fields of water power, paper machines and drive engineering. This new Group Division works with new and existing customers to develop innovative products and services by driving IIoT innovations and decisively shaping the digitalization process in the field of machine and plant engineering.

Voith is a global technology group. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, Voith today has more than 19,000 employees, sales of €4.2 billion and locations in over 60 countries worldwide and is thus one of the largest family-owned companies in Europe.

## About Siemens

The Siemens Mobility Division is a leading international provider of products, systems and solutions that enable people and goods to be transported in an efficient, safe and environmentally friendly manner. Business activities include rolling stock, rail automation, intelligent traffic and transportation systems, and rail electrification. Mobility's service offerings maximize vehicle and infrastructure availability. The Division's comprehensive portfolio is further augmented by turnkey project expertise and tailored financing solutions.

The Mobility Division combines innovations with comprehensive industry know-how, over 160 years of transportation expertise and a global network of recognized experts in more than 40 countries with Siemens' solid financial foundation.



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