Press release – GGT GMEINDER GETRIEBETECHNIK GmbH/STIMIO

GGT GMEINDER GETRIEBETECHNIK GmbH and Stimio join forces for a predictive maintenance solution for gearboxes in railway applications.

Mosbach (GER), Nantes (FRA), November, 24, 2022 – GGT GMEINDER GETRIEBETECHNIK GmbH, specializing in development, designing, manufacturing and maintaining of wheel set gearboxes for rail-bound vehicles and Stimio, specializing in IoT monitoring and predictive maintenance solutions to industry, have joined forces to enable prognostic maintenance of railway gearboxes.

GGT GMEINDER GETRIEBETECHNIK GmbH has recently developed an innovative oil-condition sensor that monitors all critical operating data from the gearbox. The GGT-GearSaver® sensor can monitor metal abrasion, temperature, oil quality, relative humidity, oil level – and thus help determine the time until the next oil change. With this new sensor, the service life and operating costs of gearboxes can be optimized. GGT-GearSaver® can be mounted in nearly any gearbox from any manufacturer.

GMEINDER team called upon Stimio's digitalization expertise to add connectivity to the GGT-GearSaver® sensor, thus allowing collected data to be sent to the cloud in a secure and reliable manner. Stimio's Railnet, a railway-certified IoT gateway, already greatly deployed within Stimio's historical customer SNCF, is used to collect and transmit data from up to 8 GGT-GearSaver® sensors. Gathered data will be processed by GGT's experts and made available to its customers via Oxygen,

Stimio's Cloud Platform, giving them insights, maintenance recommendations and action prescriptions.

"We are pleased to have GGT as a customer. This partnership once again demonstrates the modularity of our solution. As leaders in the digitalization of railways, increasing efficiency and availability, reducing maintenance and operating costs are key factors that we take very seriously and that motivate us on a daily basis," says David Dorval, CEO of Stimio.

Dr. Wolfgang Fischer, CEO of GGT GMEINDER GETRIEBETECHNIK GmbH, "We found with Stimio the perfect partner to integrate our GGT-GearSaver® system. By combining our sensor technology with Stimio's hardware and digital expertise, we bring value to our customers and help them to lower the total cost of ownership for railway gearboxes."

About Stimio

Stimio is a company specializing in providing end-to-end IoT solutions to industry (IIoT). Stimio solutions include the gathering, processing, transfer, analysis, enrichment and retrieval of data via SaaS platforms. Thanks to Stimio's modular solutions, customer assets - position, health and status - are remotely monitored in real time to optimize their availability and maintenance. The company's data analysis tools are also used to predict connected equipment breakdowns. Stimio's customers include leading actors in the rail sector, operators, infrastructures managers, and Tier 1 OEMs, such as Transdev, RATP, and Keolis, and the company has signed a framework contract with France's state-owned railway company, the SNCF.

Established in 2014, the company is headquartered in Nantes (France, Loire-Atlantique) and has offices in Germany.

About GGT GMEINDER GETRIEBETECHNIK GmbH

As a medium-sized enterprise with a workforce of more than 100 employees, the GGT GMEINDER GETRIEBETECHNIK GmbH is specialized in the development, design, manufacture and maintenance of wheel set gearboxes for railway vehicles. Its core business consists of two main sectors. On the one hand, the development, design, and sale of customer-specific gearboxes and drives for rail vehicles. On the other hand, the maintenance and repair of own and third-party gearboxes, including measures for product improvements.

Established in 1913, the company is headquartered in Mosbach (Germany) and is part of Wikov Industry a.s. (Czech Republic) with more than 1000 employees.

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