

Press Release

Munich, June 4, 2019

Retrofittable turning assistant with integrated driver assistance systems for commercial vehicles: Knorr-Bremse TruckServices and Mobileye®, an Intel company, enter into a strategic partnership

- Turning assistant with integrated driver assistance systems extends product portfolio of Knorr-Bremse TruckServices
- Technological solution based on intelligent Mobileye® camera technology with state-of-the-art EyeQ® chips
- Retrofit system for existing fleets with full sales and service support of TruckServices

Munich, June 4, 2019 - Knorr-Bremse TruckServices, Aftermarket Specialist of Knorr-Bremse Commercial Vehicles Systems, and Mobileye, an Intel company, a leading global manufacturer of accident prevention and autonomous driving technologies, are jointly launching a retrofittable turning assistant with integrated driver assistance systems for heavy commercial vehicles. This is intended to avoid accidents, especially when turning to the right, such as at city intersections.

In recent years, the topic of safety of pedestrians and cyclists in road traffic has increasingly become the focus of public attention. The European Commission has recently set the goal that in the coming years, all trucks and buses will be equipped with driver assistance systems that detect pedestrians and cyclists in the immediate vicinity of vehicles and warn drivers of potential collisions. From 2022 on, new truck and bus models released in the European Union will need to be equipped with a turning assistant system and from 2024 this will apply to all new registrations of trucks and buses. The new cooperation between Mobileye and Knorr-Bremse TruckServices works well in this respect: In collaboration with Mobileye, Knorr-Bremse TruckServices is offering from autumn 2019 the new turning assistant with integrated driver assistance systems ProFleet Assist+ as retrofit solution. In addition, the companies plan to further intensify their cooperation in the future and to provide their customers with additional traffic safety products.

As a world leader in advanced driver assistance systems, Mobileye has been at the vanguard of deployment of computer vision for automotive safety for 20 years and its technology is used by many of major vehicle manufacturers. Knorr-Bremse is the global market leader for braking systems and a leading supplier of other safety-critical commercial vehicle systems. Knorr-Bremse is a leading player in solutions that foster greater traffic safety, connectivity, emissions reduction and electric mobility, as well as automated driving. Together with Mobileye, Knorr-Bremse TruckServices, the aftermarket brand of Knorr-Bremse Commercial Vehicle Systems, is offering the new turn assistant with integrated driver assistance systems ProFleet Assist+. The strategic partnership combines the proven Mobileye technology with the specific know-how of Knorr-Bremse for applications in the commercial vehicle sector as well as its wide distribution and service network. This collaboration will allow fleets across Europe to easily equip their vehicles with one of the world's most sophisticated advanced collision avoidance technologies, designed to make roads safer for everybody.

The jointly offered driver assistance system offers features such as lane departure warning, headway monitoring and warning and forward collision warning, as well as a turning assistant

that alerts the driver when cornering on road users in the blind spot. It consists of vehicle-mounted cameras (Vision Sensor) and intelligent real-time data calculation. This provides significantly more reliable results than comparable ultrasonic or radar solutions. In this way, tedious false warnings can be avoided. ProFleet Assist+ is solely designed as a warning system and does not actively intervene in vehicle control. As a result, subsequent integration into existing vehicles or fleets is easily possible. The product is also available without the turn assist function, consisting only of a forward facing camera and driver assistance functions such as forward collision warning and lane departure warning.

Alexander Wagner, Vice President Aftermarket EMEA of Knorr-Bremse Commercial Vehicle Systems: "Major accident areas can be defused. The state-of-the-art is that we can effectively assist the driver in avoiding crash and cornering accidents. The system that we will offer in cooperation with Mobileye on the European market is an excellent opportunity to take action long before the turning assistant systems will be mandatory for new commercial vehicles in the European Union".

Lior Sethon, Vice President and Deputy General Manager of Mobileye's Intelligent Mobility Solutions Division: "Mobileye's long-term goal is to increase road safety. The partnership with Knorr-Bremse TruckServices gives us the opportunity to make our world-leading accident prevention technology available to a broader market. Our cooperation combines solution know-how, service capacities and partner networks, all brought together to help reduce traffic accidents and help save lives".

During the transport logistic fair in Munich from June 4th until June 7th, 2019, interested visitors can learn more about the new offer in Hall A3 Booth 513 and experience the system live.

Caption: Alexander Wagner, Vice President Aftermarket EMEA of Knorr-Bremse Commercial Vehicle Systems (right) with Lior Sethon, Vice President and Deputy General Manager of Mobileye's Intelligent Mobility Solutions Division (left) meet to discuss deal to offer retrofit collision avoidance products for commercial vehicles in the European market, including turning assistant with integrated driver assistance systems which uses vision sensors to warn drivers of pedestrians and cyclists in the blind spot. | © Knorr-Bremse

Knorr-Bremse (ISIN: DE000KBX1006, Tickersymbol: KBX) is the global market leader for braking systems and a leading supplier of other safety-critical rail and commercial vehicle systems. Knorr-Bremse's products make a decisive contribution to greater safety and energy efficiency on rail tracks and roads around the world. About 28,500 employees at over 100 sites in more than 30 countries use their competence and motivation to satisfy customers worldwide with products and services. In 2018, Knorr-Bremse's two divisions together generated revenues of EUR 6.6 billion (IFRS). For more than 114 years the company has been the industry innovator, driving innovation in mobility and transportation technologies with an edge in connected system solutions. Knorr-Bremse is one of Germany's most successful industrial companies and profits from the key global megatrends: Urbanization, eco-efficiency, digitization and automated driving.

Contact Knorr-Bremse:

Alexandra Bufe
Head of Corporate Communications
Phone: +49 (0) 89 3547 1402
E-mail: alexandra.bufe@knorr-bremse.com

Knorr-Bremse AG
Moosacher Straße 80
80809 Munich, Germany
www.knorr-bremse.com