P R E S S R E L E A S E

Preview at IAA Commercial Vehicles 2018: Smart mobility with Eberspaecher

- **Eberspaecher platform networks on-board components in special-purpose vehicles**
- **High performance lithium-ion batteries for independent power supply**
- **Innovative exhaust emission conversion technologies and efficient, powerful thermal management products**

Esslingen / Hanover, 16 July 2018 – **The networking of vehicle components is becoming increasingly important in the commercial vehicle sector. Eberspaecher will be presenting innovative solutions for the mobility of tomorrow in Hall 16 Stand A30 at IAA Commercial Vehicles 2018, which will be demonstrated using their test and laboratory vehicle. The new Eberspaecher platform networks on-board components such as the auxiliary battery or vehicle heater as well as offering many additional functions to fleet managers and drivers. Their offering at the trade fair is rounded out with particularly lightweight emission control systems and environmentally friendly bus air-conditioning systems, among others.**

To a specialist in heating and cooling, it seems obvious that connectivity starts with engine-independent air-conditioning and heating systems. "Data-based services will play an increasingly important role in tomorrow's mobility, and this is why we have developed our own platform that links the various components with each other," emphasizes Dr Joerg Schernikau, COO Eberspaecher Climate Control Systems. The new platform is operated using the **Eberspaecher app** and offers users more mobility comfort through its user-friendly control of the wide-ranging thermal management

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product portfolio as well as the auxiliary battery. Additionally, humidity and temperature sensors can be used to analyze the working environment. The open platform structure allows body manufacturers to integrate their own components for applications, should they wish. This offers body manufacturers and OEMs full flexibility when constructing and equipping special-purpose vehicles. The Eberspaecher platform also offers fleet managers many advantages: They can control the various components in the vehicle with just one application and also utilize functions such as a logbook.

Networked test and laboratory vehicle

In Eberspaecher's test and laboratory vehicle, visitors have the opportunity to try out the app themselves and familiarize with the functions of the platform. From **electrical heaters**, **pre-heaters** and **parking coolers** to the battery module – the broad product portfolio is easily controlled using the app. The **scalable battery modules** from Eberspaecher provide an independent power supply for equipment in vehicles at the workplace. Measuring instruments or parking coolers can therefore be operated independently of the engine-dependent power supply and on-board electrical system, enabling low-emission application in urban areas. Eberspaecher's high-performance battery, thanks to its compact dimensions, can even be used outside the vehicle to supply power to PCs and other electrical appliances. It goes without saying that the first additional fleet management functions will be on display. The driver can also operate the components by app as well as retrieve data such as the battery charge status while the vehicle is in use.

New, powerful air and water heaters

The Eberspaecher stand will also showcase the latest generation of **Airtronic and Hydronic families** of high-performance air and water heaters for all vehicle types. The second generation of the fuel-powered **Airtronic** is a reliable companion, whether on the construction site, in long-distance transport or in workshop vehicles. The stepless heat output control means that the air heater operates both efficiently and quietly and, thanks to the brushless motor, has a long lifespan of more than 5,000 hours. The third generation of the **Hydronic** water heater impresses not only through an increase in heat output efficiency but also with its compact design. The Hydronic S3 Commercial (24 V) power variant has an output of 5.6 kW. The heaters can be controlled using the **EasyStart Pro** operating element or **EasyStart Web**, among other operating elements.

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Clean mobility through emission control systems

Technologies for exhaust-emission conversion are an important division of the Eberspaecher Group. Most truck manufacturers in Europe and the USA now rely on Eberspaecher when it comes to meeting strict emission regulations. At the IAA, the company will be presenting tailor-made solutions for the clean mobility of tomorrow with innovative technologies such as **tunnel mixers** for urea-water mixture preparation in compact, cylindrical systems and **oval canning for commercial vehicle** to optimize the utilization of space in exhaust systems.

Bus air-conditioning with natural refrigerant CO_2

Eberspaecher Suetrak's presentation at the IAA focuses on environmentally friendly solutions for complete thermal management in buses. Among other things, visitors to the Eberspaecher stand will find information on sustainable cooling with the natural refrigerant CO_2 as well as powerful roof-mounted air-conditioning systems.

Captions:

- *The Eberspaecher platform networks on-board components and offers many additional functions such as a logbook.*
- *The new generation of Hydronic water heaters impresses with increased heat output and a compact design.*
- *Innovative technologies such as the tunnel mixer for effective preparation of the urea-water mixture ensure cleaner commercial vehicles.*
- *The AC250 platform cools buses using the natural refrigerant CO_2.*

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About Eberspaecher:

With approximately 10,000 employees at 80 locations worldwide, the Eberspaecher Group is one of the automotive industry's leading system developers and suppliers. The family business, headquartered in Esslingen am Neckar, stands for innovative solutions in exhaust technology, automotive electronics and thermal management for a broad range of vehicle types. Eberspaecher components and systems provide more comfort, greater safety and a cleaner environment on or off the road. In 2017, the Group generated revenue of around 4.5 billion euros.