

Performance up, costs down: Continental supporting manufacturers with E/E system architecture

- **Long experience as an electronics manufacturer ensures performance and cost optimization**
- **Extensive set of portfolios extends from requirements analysis to validation**
- **Concept for functional safety an essential component in the development process**

Villingen-Schwenningen, October 2015. The growing demands placed on the functions of buses, coaches, trucks, agricultural machinery and construction equipment are increasing the complexity of their electronic systems and their interlinking. Current legislation is also calling for more and more verifications from manufacturers. This makes a professionally planned and optimized electric/electronic (EE) system architecture increasingly important. It also helps to optimize the performance, safety and dependability of the vehicle while reducing the costs for electronics. For dependable interaction of the components, Continental supports the vehicle manufacturers, from requirements analysis to validation of the EE architecture, ensuring conformity with current safety standards.

“Advice from our electronics specialists is in demand from the manufacturers of smaller runs particularly during the changeover from an analog to a digital structure. We can, thanks to our extensive expertise as a major electronics manufacturer with decades of experience, provide holistic support”, says Dr. Michael Ruf, head of the Commercial Vehicles & Aftermarket business unit at Continental. Customers can select from a set of portfolios the precise level of support they need: requirements analysis, software architecture, communications technologies, specification and selection of components, support for integration into the vehicle and validation. With their software tool, the planners at Continental can simulate various architecture scenarios, design a customized system architecture and document the entire process from start to finish. Customers receive process-conforming data. A crucial component of the entire development process is the concept for the functional safety of the system. It ensures, in line with current standards, that all components performing a safety function operate dependably. This is a service that Continental offers for existing system architectures too.

Caption Continental_Systemarchitektur: Continental helps manufacturers of buses, coaches, trucks, agricultural machinery and construction equipment to professionally plan and optimize electric/electronic (EE) system architecture.

Continental develops intelligent technologies for transporting people and their goods. As a reliable partner, the international automotive supplier, tire manufacturer, and industrial partner provides sustainable, safe, comfortable, individual, and affordable solutions. In 2014, the corporation generated sales of approximately €34.5 billion with its five divisions, Chassis & Safety, Interior, Powertrain, Tire, and ContiTech. Continental currently employs more than 205,000 people in 53 countries.

Information management in and beyond the vehicle is at the very heart of the **Interior** division. The product portfolio for different types of vehicles includes: instrument clusters, multifunctional and head-up displays, control units, access control and tire-information systems, radios, infotainment systems, input devices, control panels, climate control units, software, cockpits as well as services and solutions for telematics and Intelligent Transportation Systems. The Interior division employs more than 36,000 people worldwide and generated preliminary sales of approximately €7 billion in 2014.

Within the Interior Division the **Commercial Vehicles & Aftermarket** Business Unit accommodates the specific requirements of the commercial vehicle, special vehicle and aftermarket sector. A global network of sales and service companies ensures proximity to local customers. Covering the product brands Continental, VDO, ATE, Galfer and Barum the Business Unit offers electronic products, systems and services for commercial and special vehicles, a broad selection of products for specialized workshops and spare parts for the Independent Aftermarket and the Original Equipment Services after end of series production of the vehicle manufacturer.

Contact for Journalists

Christopher Schrecke
Head of Media Relations and Internal
Communications
Commercial Vehicles & Aftermarket
Continental
Phone: +49 69 7603-2022
E-Mail: christopher.schrecke@continental-
corporation.com

This press release is available in the following languages: German, English

Links

Online press portal: www.continental-presse.de
Media database: www.continental-mediacyber.com
Video portal: videoportal.continental-corporation.com