

Drive more efficiently and be more relaxed while working

- **Electromobility solutions for commercial vehicles at IAA**
- **Zero emissions system with battery modules manufactured in-house**
- **Three electric vehicles to feel and experience**

paragon AG will put intelligent solutions for electromobility for commercial vehicles on display at IAA 2012 in Hanover (September 20-27). In addition to the individually configured module "Zero Emissions System," the exchange-listed direct supplier to the automobile industry will introduce its in-house production of battery modules. The company uses components and application service to focus in particular on niche manufacturers and manufacturers of special vehicles.

paragon introduced a prototype of the modular "Zero Emissions System" for the first time at IAA 2011. The system has now been completely qualified and approved for the market. This comprehensive approach includes the energy storage system (lithium ion) with battery management system (manufactured in-house), charging system, motor controller, DC/DC converter, climate control as well as the cockpit system. The special design of the functional components is especially well-tailored for commercial vehicles and special vehicles.

Visitors to the fair can feel and experience the benefits in three ways. A forklift and an airport tow tractor with paragon components can be seen in exhibition booth E08 in Hall 13. Visitors can test drive a retrofitted production commercial vehicle in the outdoor area (booth N88).



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As a direct supplier to the automobile industry in the area of man machine interface, paragon is a model of the highest dependability, with CAN bus capability of all functional components and optimal operating reliability. "We transform an electric vehicle into an economically efficient commercial vehicle. In doing so, our focus is not limited to the electric drive; we also contribute to a sense of well-being in the driver's cabin as a workplace," explained the Chairman of the Managing Board, Klaus Dieter Frers.

Thus paragon combines the electric drive with an improved driver assistance system, for example, by integrating a tablet computer (cTablet Docking Station) and by connecting mobile telephones (Universal Phone Tray). There are thus numerous advantages for operators and users: lower operating costs, simpler control, optimized air conditioning, less distraction, enjoyable sound and more safety.