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Scania is introducing new uptime features

- **Fuel theft alarm with smart connectivity**
- **Improved vertical load handling with 2-bellow tag axles**
- **Connected bodywork for increased control**

In accordance with Scania's philosophy of constant improvements, the company is now introducing several features and improvements that all share a commitment to uptime. By adding features and functionality that help ensure that the truck will be fit for operation, Scania customers stand a better chance of reaching the best total operating economy.

Fuel thefts from trucks are a major problem for many haulier in different regions. The main problem is not always the value of the stolen fuel – although it is annoying – but the fact that the truck might be halted for hours before being able to continue.

"Keeping trucks fit for operation day in and day out is one of the most important factors in our industry today," says Alexander Vlaskamp, Senior Vice President, Head of Scania Trucks. "By introducing smart, connected services such as a fuel theft alarm, we offer our customers increased control and better odds that their trucks will be available as intended."

Scania has developed an alarm function that works locally and, if the customer has Scania's Control package, also sends SMS and e-mail notifications via the Fleet Management system. When activated, the alarm system monitors the fuel level for up to 65 hours, provided that the truck's master battery switch is activated. If the fuel level suddenly drops by four to eight percent (depending on the tank size), the alarm siren goes off.

"If someone tampers with your vehicle, you are alerted and the consequences of having fuel stolen can be avoided or at least mitigated," says Vlaskamp. "This offers peace of mind for our customers since unplanned downtime can be avoided."

Avoiding mishaps under busy load cycles

Scania is now introducing improved load handling for swap body trucks that are handling containers or other superstructures. When using the air suspension for raising or lowering the truck under the actual body, it is of great importance that the movement is only vertical. Then challenges like getting the truck in the right position or, when off-loading, running the risk of damaging the support legs by horizontal movement, can be avoided.

This is especially crucial for trucks with steered tag axles since they tend to move differently due to the separate air bellow system on the tag axle. Scania has removed



this hazard by introducing a feature that automatically releases the brakes on the tag axle. With the wheels rolling freely, no forces are transferred from the tag axle that can move the truck out of the desired position.

Connected bodywork for increased control

Scania's industry leading BCI (Bodybuilder Communication Interface) can now also be used for monitoring and measuring body-build related functions at the truck. Data from sensors, typically measuring factors such as weight, temperature, angles, alarms etc., are gathered in the truck's BCI.

Via the built-in Scania C300 Communicator, this data is then sent to the customer's FMS system (provided that the customer has Scania's Control Package service). This means that all crucial vehicle and superstructure data is stored in one place, with easy access. It also means that the initial investment for getting access to monitoring data is reduced.

"Connected bodywork means increased control for the haulier", says Alexander Vlaskamp, Senior Vice President, Scania Trucks. "Sensitive loads like frozen food can be monitored and documented during the whole transport, thus ensuring that they have been handled correctly all the way."

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Scania is a world-leading provider of transport solutions. Together with our partners and customers we are driving the shift towards a sustainable transport system. In 2018, we delivered 88,000 trucks, 8,500 buses as well as 12,800 industrial and marine engines to our customers. Net sales totalled to over SEK 137 billion, of which about 20 percent were services-related. Founded in 1891, Scania now operates in more than 100 countries and employs some 52,000 people. Research and development are concentrated in Sweden, with branches in Brazil and India. Production takes place in Europe, Latin America and Asia, with regional production centres in Africa, Asia and Eurasia. Scania is part of TRATON SE. For more information visit: www.scania.com.

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