

New telematics systems from Case IH

AFS Connect 2.0 for increased efficiency in agricultural machinery

The new AFS Connect 2.0 telematics system collects, processes and transmits machine data, while also offering machine monitoring and state-of-the-art fleet management capabilities

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PRESS RELEASE

With the new AFS Connect telematics solution, Case IH now offers an innovative system for all Case IH tractors and combine harvesters. Key machine data is continuously transferred to customer PCs via the Internet. This gives contractors and farmers constant access to all the machine data for their fleet, even when the machines are in use, thereby allowing for numerous new applications in the fields of machine monitoring, fleet management, service and commercial analysis. The new AFS Connect telematics system can be used to optimise processes, such as harvesting chains, and to increase machine efficiency.

The AFS Connect telematics system continuously collects, processes and transmits the machine data to a dedicated web portal. This data can then be retrieved via an Internet connection from a computer or mobile device, such as a Smartphone or tablet PC. This gives farmers and contractors constant access to key machine data. The vehicle can be monitored at any time on a map display. Geo-fencing and curfew functions are also available. These functions use continuous motion detection to allow you to monitor the location and time of the operation. A virtual restricted zone can be created for machines on request. With the AFS Connect telematics system, it is easier than ever to schedule maintenance work. Alerts can also be issued when maintenance work is due, for example.

The AFS Dash Board collects and analyses important vehicle parameters, including engine speed, hydraulic oil temperature and pressure, fuel levels and battery voltage, and presents this data as graphics. The operator can also choose to display a wide range of reports, such as the area worked, the average yield, the flow and moisture levels on harvesting machines, the weight and a fuel report.

A connection can also be established to the CAN bus system of the machine in order to access key performance data. SMS information can also be sent directly to the machine via the AFS Connect web portal.

Furthermore, the system sets itself apart with some special technological characteristics. For example, the Case IH AFS Connect boasts a continuous refresh rate of just one minute. In addition, every user can obtain a real-time update 30 minutes per machine per day.

The telematics module has two input signals for monitoring additional sensors and switches. This means that the system can be quickly adapted to special applications.

Case IH will offer two different versions of the AFS Connect. While the basic version contains all the basic functions, the advanced version includes additional status requests and an option for sending text messages to the vehicle. Each vehicle requires a special modem for the AFS Connect telematics systems. This is a subscription service.

"The new AFS Connect 2.0 provides farmers and contractors operating multiple machines with an important virtual tool. The system offers an increase in the efficiency of machine monitoring, but, more importantly, allows machine operation to be analysed at any time. This means that direct comparisons can be made between different machines on the same plot of land. AFS Connect is a high-performance tool for optimising machine operation in areas such as fuel consumption or machine efficiency. In addition, AFS Connect provides important new diagnostic approaches", says Uli Sommer, Head of Precision Farming Solutions at Case IH.

The AFS Connect is now available for Case IH combines, as well as for the Case IH Puma, Magnum and Quadtrac tractor series. More series will be added soon. The basic package also ensures compatibility with other manufacturers, so that the AFS Connect can be used as a fleet solution.

Press releases and images can be found online at <http://mediacentre.caseiheurope.com/>.

Professional operators rely on the innovation and more than 170 years of tradition and experience of Case IH, our tractors and harvesting technology, and the global service network of specialised dealers, which offer an innovative service to our customers to ensure that farmers can continue to increase their productivity and efficiency in the 21st century.

For more information about the products and services offered by Case IH, visit www.caseih.com.

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