

AEF ISOBUS conformance test for farm management information systems

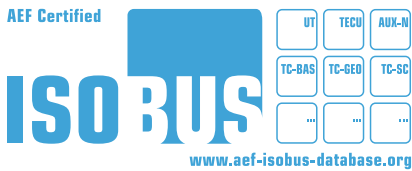


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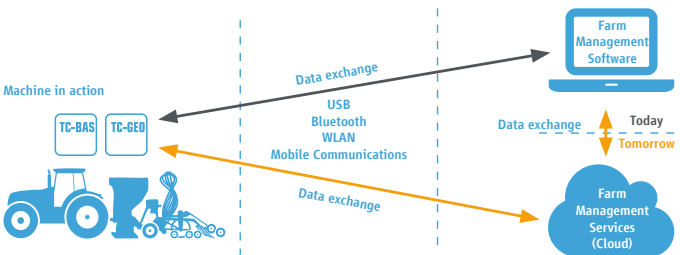


Up until now, the focus of the AEF ISOBUS conformance test has been on the electronic interface between the tractor and the implement; from 2016, however, there will also be a test for the ISOXML interface for transferring data between farm management information systems (FMIS) and the machine. The first step will demonstrate a small number of the more than 60 applications required to ensure reliable data exchange, a number that will be increased in 2016.

This ISOBUS conformance test for farm management information systems will ensure that certified software fully supports the interface functions required for the specified functions. Once software has been tested, it is listed in the AEF database and is entitled to bear the AEF Certified label.



The range of functions in ISOXML is currently mismatched. For example, the FMIS either sends too much data or, conversely, the task controller provides the FMIS with data that it does not recognize. The coordination levels subject to testing are missing in this regard.



If a farm management information system software product states that it supports ISOXML, this often gives rise to the assumption that it enables all ISOBUS functionalities; on the contrary, this is generally not the case. The fact is that all of the products currently available are not ISOBUS tested and are therefore standalone solutions that are not automatically compatible with products from other manufacturers.