

Press Release

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Joint project: 365FarmNet and Müller-Elektronik

Integration of different generations of on-board terminals in documentation processes

Due to the linking of Müller-Elektronik terminals into the 365FarmNet's documentation app farmers are enabled to transfer job data from the work process into a mobile and automatic documentation in a simple, cost-effective and future-oriented manner. ISOBUS data are transferred to a smartphone via USB stick (cable with adapter or via Bluetooth) depending on the terminal generation. They are subsequently available in 365FarmNet as linked, structured and integrated data records.

By e-mail (task data, pdf) they can also be transferred to other farm management information systems with an ISO XML interface. OEM partners of Müller-Elektronik are able to integrate this app into their solutions. As an added value the farmer is in the position to manually enter additional production data with the same app and can therefore use a central unit for mobile data collection.

High efficiency increases

This way, also older forms of technology can be perfectly integrated in digital life. Because the documentation app builds on existing equipment. With this solution the farmer with an "older" Müller terminal can take advantage of the mobile, automatic documentation without creating the need for significant investment. With little expense and effort he is able to increase efficiency considerably; only a smartphone with the free-of-charge documentation app is required. Different generations of technology can work at the same level involving all employees.

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Acceptance of new technologies

This way, the farmer's acceptance of new technologies increases. He can head off in the digital future step by step and can convince himself of the advantages without having to completely change the accustomed work routine. Furthermore, he is able to meet cross compliance requirements. He will also expand his in-house quality management. Whether documentation tasks, field catalog or economic analysis are concerned: digital networking prevents fault lines. In addition: as the documentation can also be carried out with older Müller terminals, environmental and consumer protection are strengthened in a sustainable manner.

Modern, future-oriented and powerful system

Mobile documentation also leads to a further useful relief of efforts. Time-consuming work steps for the transfer and integration of ISOBUS data recorded into the farm management information system in the farm office are no longer required. The farmer can resort to a modern, future-oriented and powerful system in conjunction with his own farm management information system. He has a better overview of his operational processes and is able to identify room for improvement.

Fast data transfer, consistent data records

The result is a simple, quick and cost-effective way of automatic documentation. Outstanding features are the speed of data transmission and the guarantee to have structured and consistent data sets. It also does not fail when several employees work with the system as they are all able to use the app. The data are then consolidated in the 365FarmNet software.

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Well-founded decision support and a current field map

The farmer completely documents all activities in real time using mobile data collection. The error rate in the documentation thus decreases significantly. This way, the program provides him with well-founded decision support for additional planning and supplies a current field map including all information on measures carried out in the relevant harvest year. Farms which require extensive pre-planning are also able to automate this. Conversely, the data flow applies vice versa from the online farm management information system to the tractor cab onto the smartphone and terminal. This increases flexibility enormously as the driver does not have to take the USB stick back into the office.

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This press release can also be found online:
www.365farmnet.com/press

Press contact:

Katrin Polenz
Communication & Social Media Manager

365FarmNet Group GmbH & Co. KG
Hausvogteiplatz 10
10117 Berlin | Germany

Tel. +49 30 25 93 29-901
Fax +49 30 25 93 29-501
Mobil +49 160 333 238 7
Mail polenz@365farmnet.com