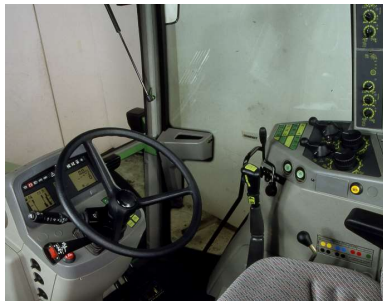


FendtOne - New driver's workplace

History



Purely mechanical operation until the introduction of the Vario transmission



Introduction Vario transmission: change from mechanical to electronic operation



Centralization of the operation in the terminal

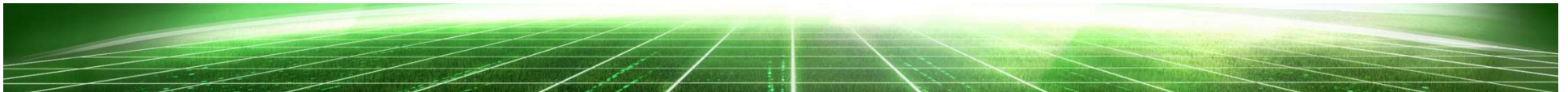
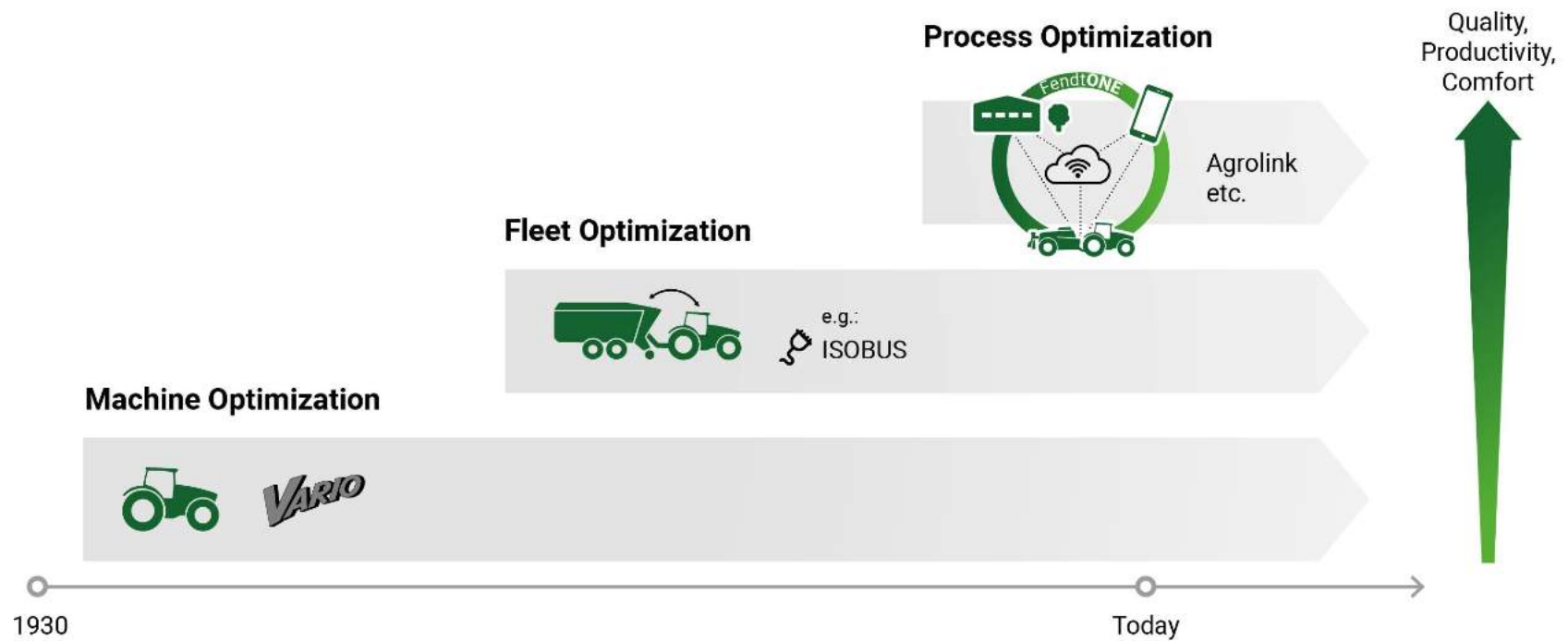


What does the operation of the future look like?

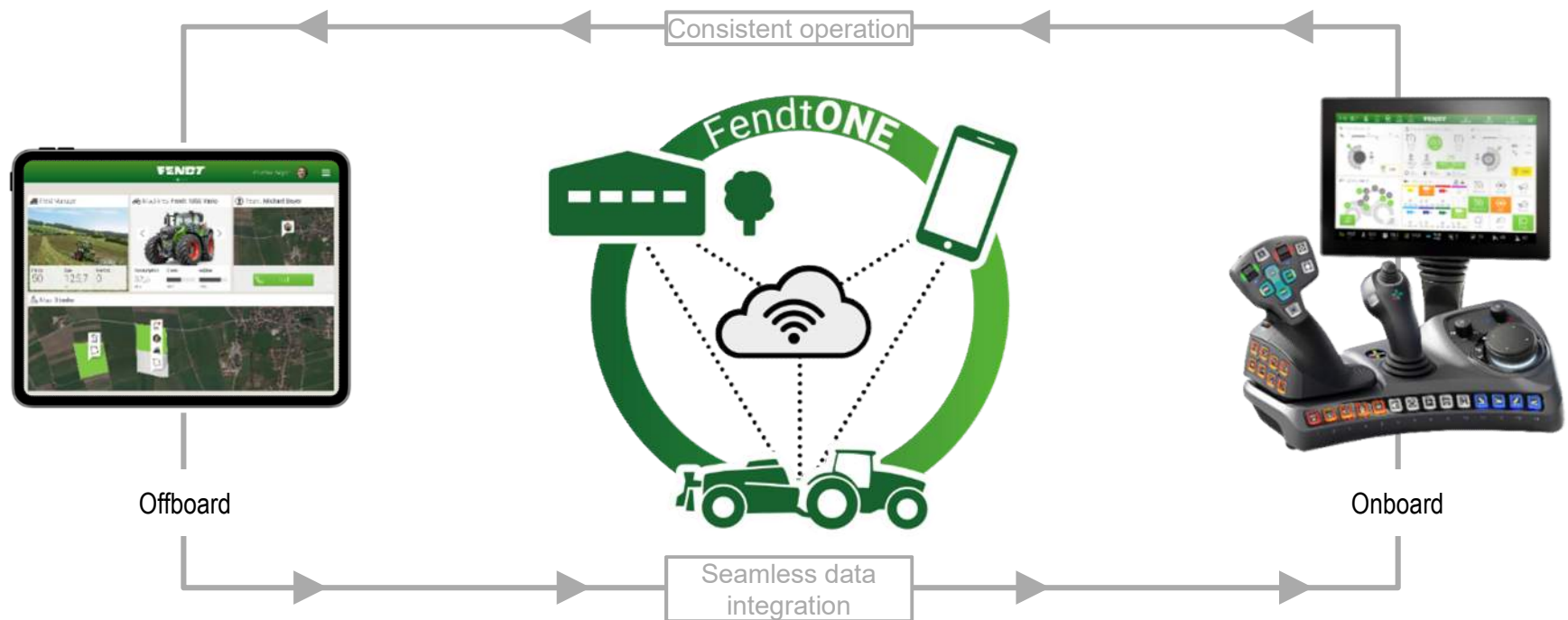
Fendt has been setting trends in tractor operation for years and is now introducing the operating philosophy of the future.



FENDT



FendtONE



Innovation: The new FendtONE operating philosophy

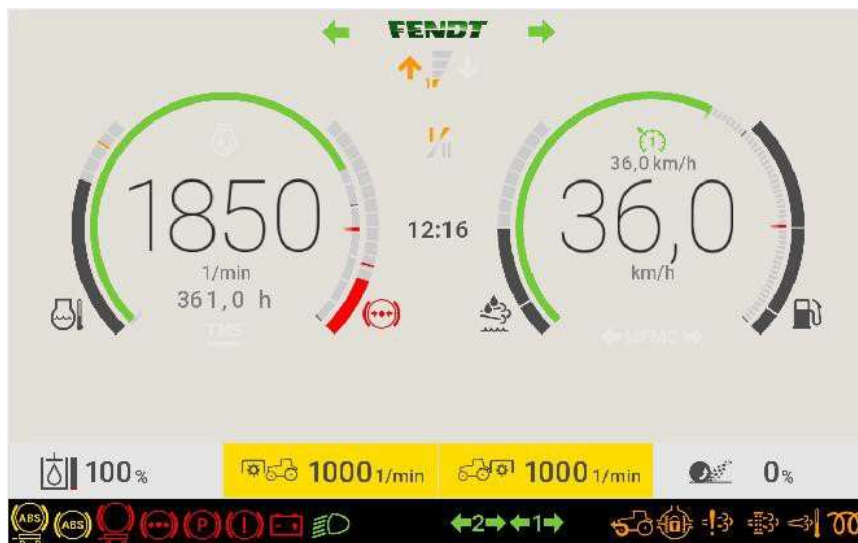
Touch terminal roof

Touch terminal armrest

Digital dashboard



New dashboard



EC-3483-31
DIN: A099 - EC

Diesel particulate filter: Standstill regeneration is being performed

1 / 1

Screen displays can be shared with the dashboard



Transport work: When the terminal is retracted into the roof, the upper half is automatically deactivated. The lower half is still used for display. Screen can be switched off when not required



FENDT

3L Joystick

Multifunction Joystick

White keys:
Free assignable

Orange keys:
Transmission settings

Factory assigned with
hydraulic valves

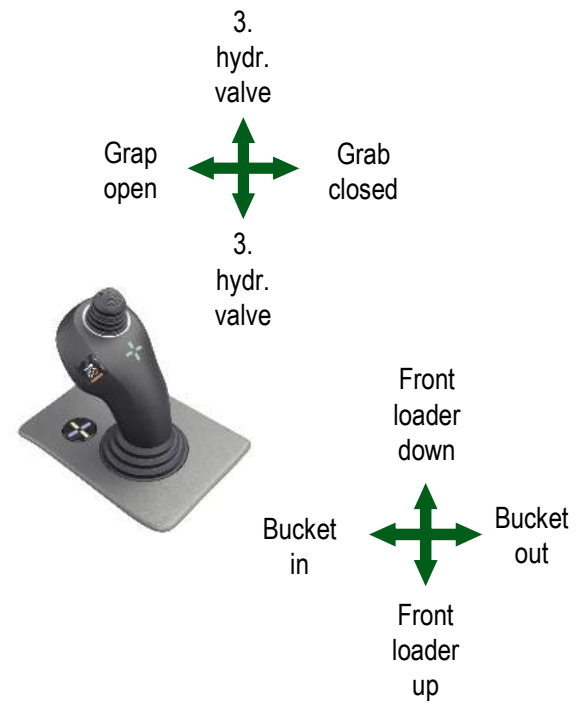
Operation infotainment

Operation airconditioning

Remote operation of the
touch terminals and digital
dashboard

Front / rear linkage
operation

3L Joystick – 3 layers 27 functions



Innovation: The new FendtONE operating philosophy



Operating elements



Display area

Individualization of operation,
adaptation to the respective work
processes

FENDT



Reassignment in the IOM
(Individual Operation Manager)
Menu

Additional safety in operation

Today

When a function is reassigned, there is no visual feedback at the operating location/key.

Solution

with new
operating philosophy
FendtONE

Symbols on the keys can be deactivated when reassigning. If the function of the key is not equal to Symbol, Symbol is not displayed.

Neutral symbols for freely assignable keys

Symbol with the ex
works assignment

Assignment ex works



Example of a possible
reassignment

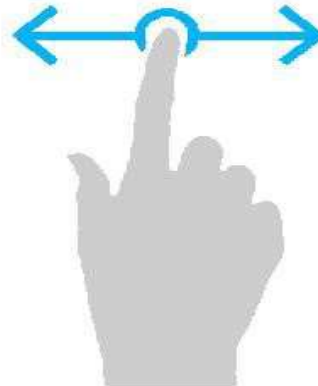


Drive train
e.g 4WD

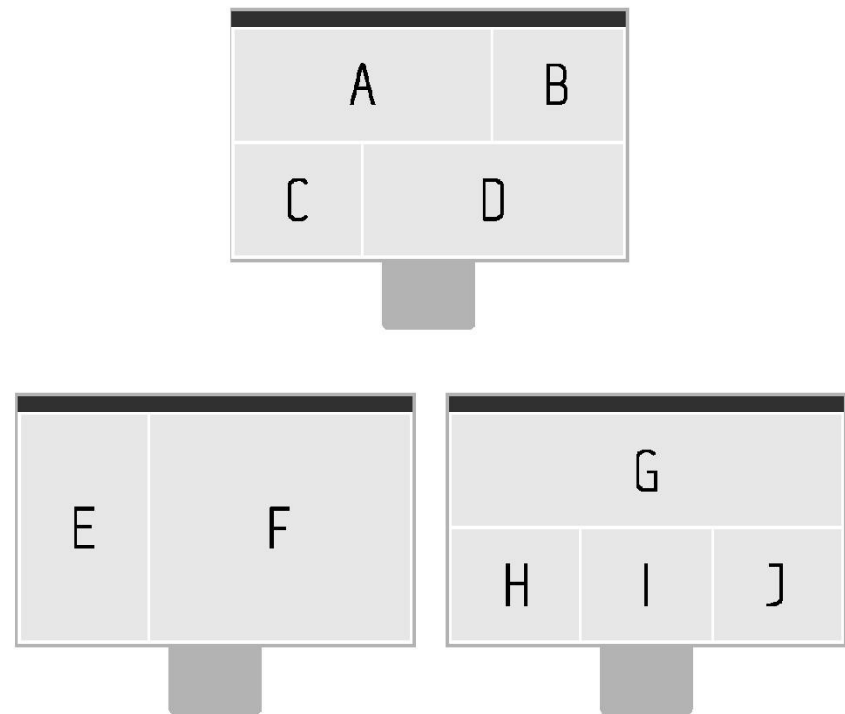
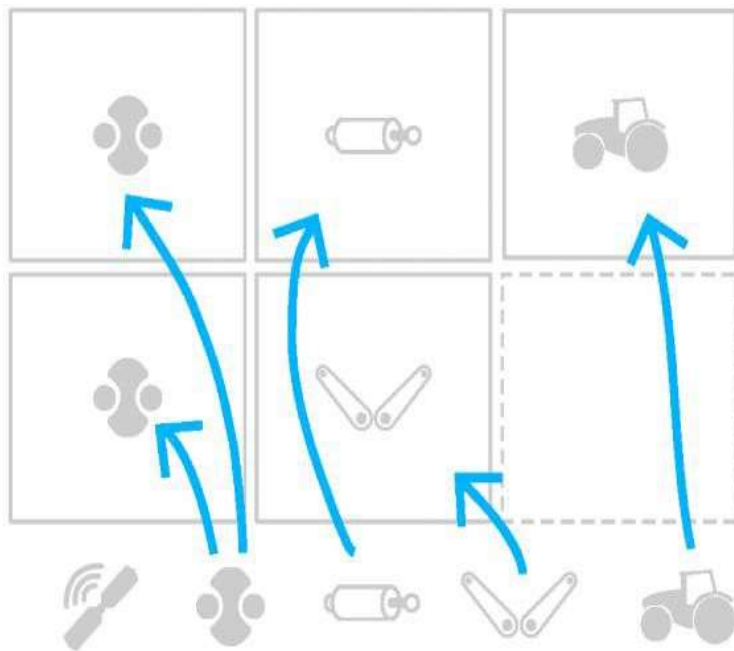
Hydraulics
e.g linkage

Multifunction
e.g. ISOBUS

Terminal layout

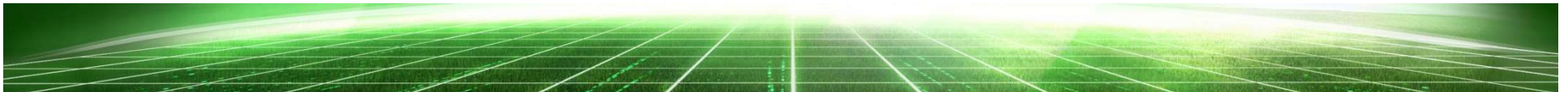


Terminal layout

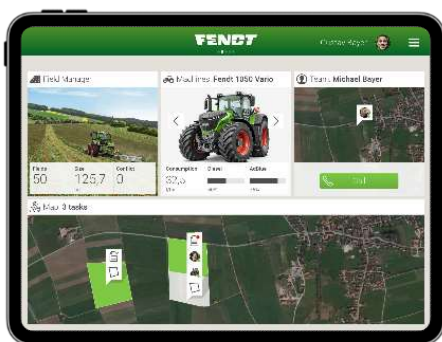


Core arguments - unique selling points

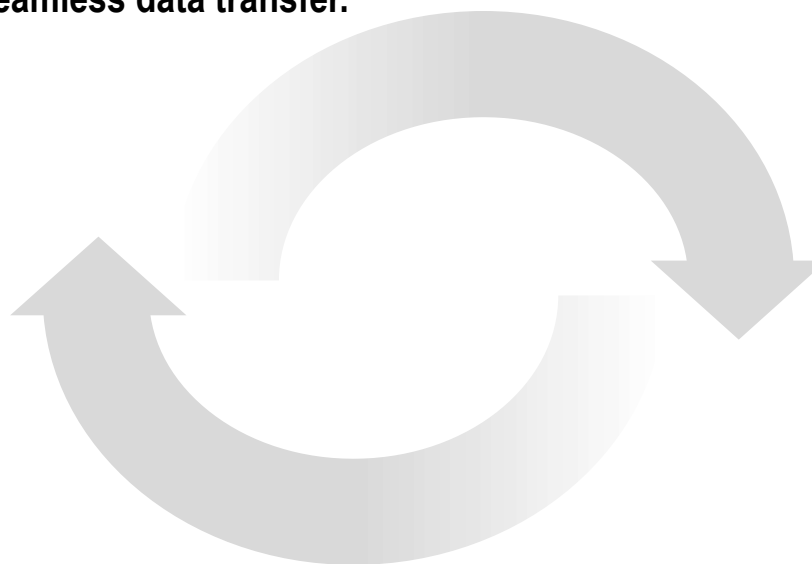
Freely programmable armrest - the first on the market	Unique colour concept for a better overview	Extension of the display area - Terminal network	The only consistent operating philosophy on the market
Free assignment of keys and individualisation via Individual Operation Manager (IOM)	logical and dynamic colour concept with different function groups and functions provides an optimal overview	First operating concept on the market, with terminal network and central computer unit ex works. Real-time synchronization of content on all terminals	First integrated operating approach on the market with FendtONE. No switching between the different media.



The **unique system** enables
seamless data transfer.



Offboard



Onboard

onboard and offboard merge to
form a **single control unit.**



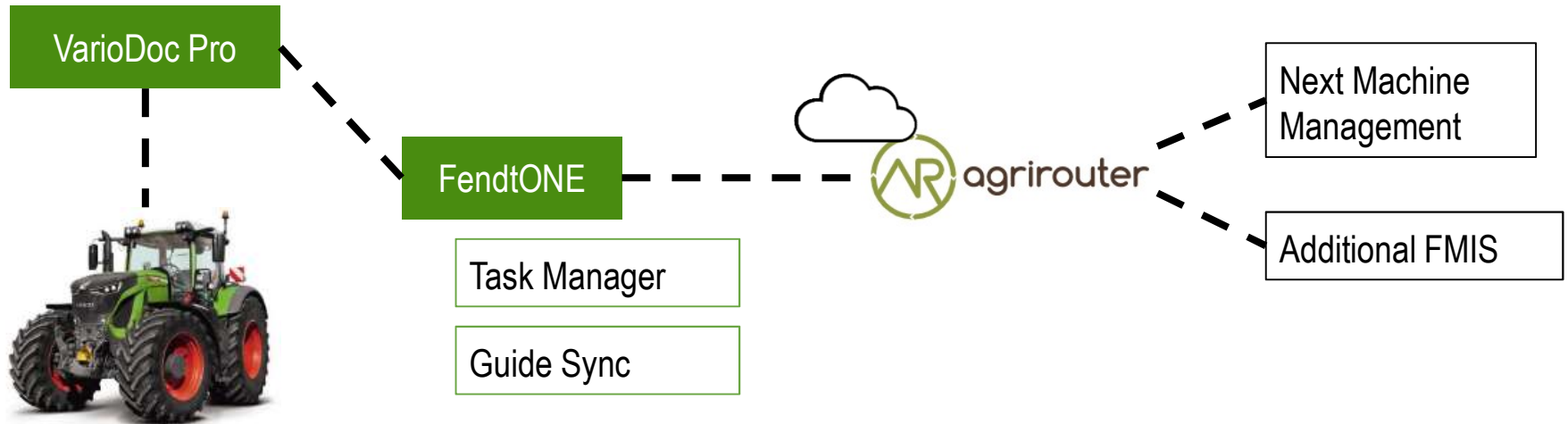
FendtOne – Off-board

Customer portal available in 2020

- Overview Manager:
 - Machines
 - Fendt Task Manager
 - Fields
 - Team
 - Fendt Task Manager: Reports
 - Map

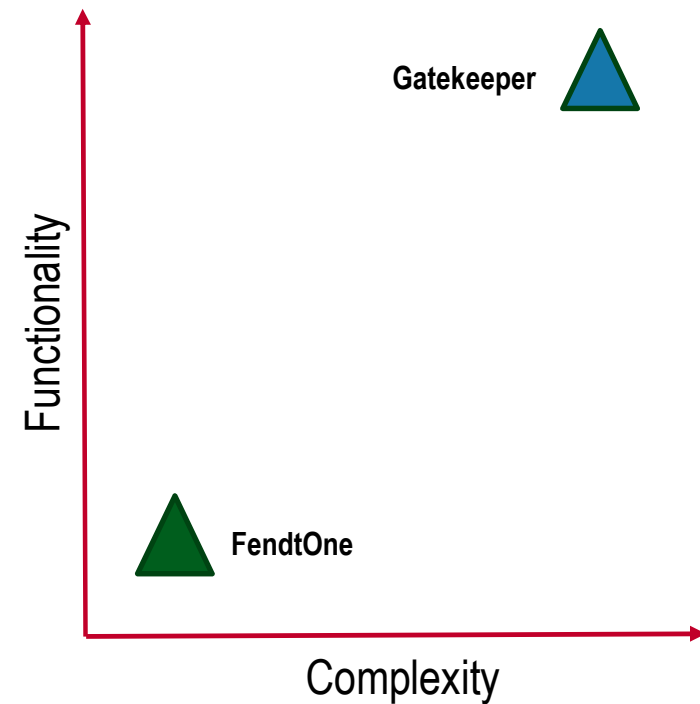


Where does it sit?



Where does it sit?

- Aimed at those who aren't using any form of record keeping software
- Ideal for contractors
- Prerequisites:
 - VarioDoc Pro / Agronomy basics
 - Server licence
 - Data SIM card

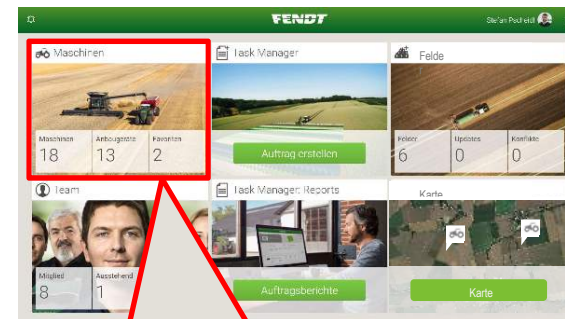




Machinery

- Registration of the machinery through Vehicle Identification number (VIN)
- Visible data per machine:
 - Error codes
 - Dealer information & service appointment
 - Warranty period

- + Clean documentation of the machine data, everything in one place
- + Quick overview of top performance machines and error codes due to simple filter function
- + Registration of mixed machinery is possible
- + Better service scheduling



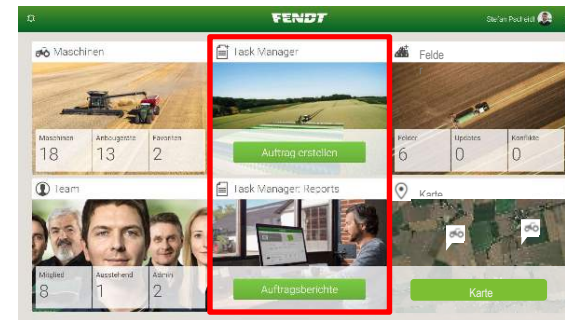
Task manager and Reports

Requirements:

- Fendt Varioterminal 10.4 & VarioDoc Pro
- Agronomy Basic Package

Functions:

- Simply create and send task data
- Send processed tasks back
- Job reports e.g. As applied rates and other job data, also available as PDF
- Visualization of certain parameters in map view



PDF reports

The screenshot shows the Fendt mobile app interface. At the top, there's a header with the Fendt logo and a user profile. Below that, a section titled 'Lexion Cultivator' displays a map of the field 'Am Berg'. The main area shows a summary of the work: Field 'Am Berg', Area '10,0 ha', Client 'Johan Becker'. It also lists the start and end times, and the effective and ineffective times. Below this, there's a section for the machine 'Fendt 724 Vario' with its specifications: 8,5 km/h, 0,4 km, 80 l/h, and 8 l/ha. The bottom section shows the operator 'Dennis Rebay' and a table of work data.

Field	Start time	End time	Effective time	Ineffective time
Am Berg	11:30	13:30	02:00	00:02

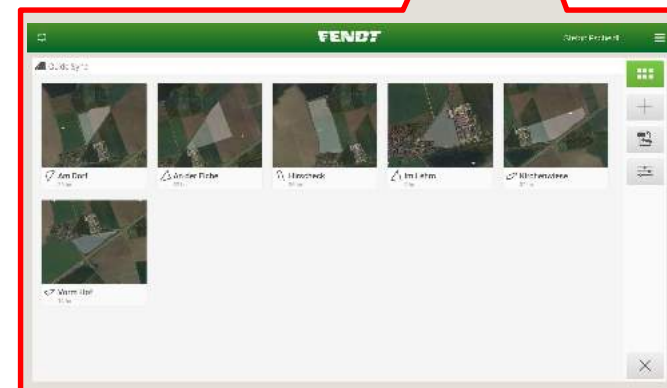
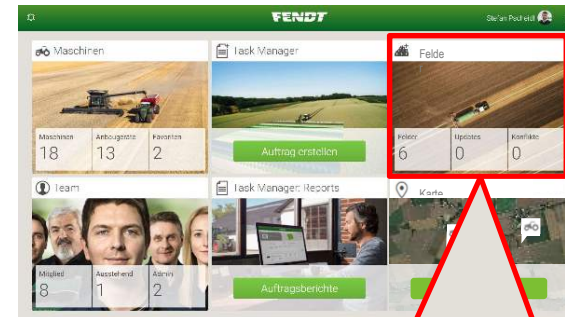
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Field	Start	End	Time	Effective time	Ineffective time
Am Berg	11:30	13:30	02:00	01:58	00:02

Fields

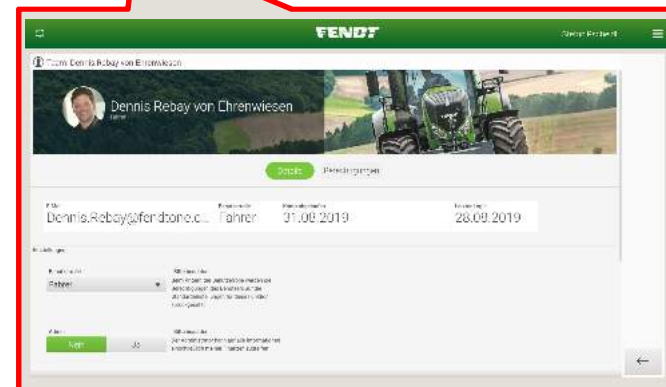
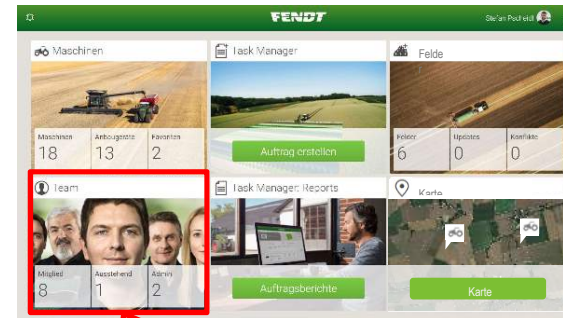
- Import of field data (field boundaries / waylines) via USB
- Visualization of maps based on Google Maps
- Select and remove individual waylines and obstacles
- Dispatch to machine as part of a task

+ Subsequent changes to field data possible, e.g. deletion of individual waylines



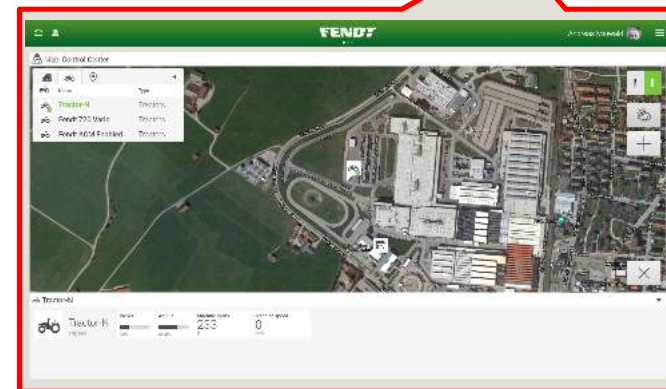
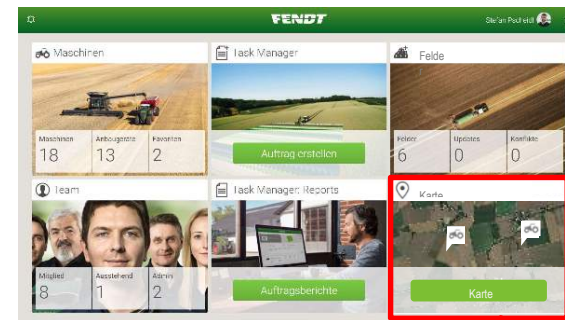
Team

- Overview of employees and their roles in the company (owner, driver, trainee,...)
- Assign different permissions for different functions in FendtONE (read, write, no access)
- Management of contact details of employees

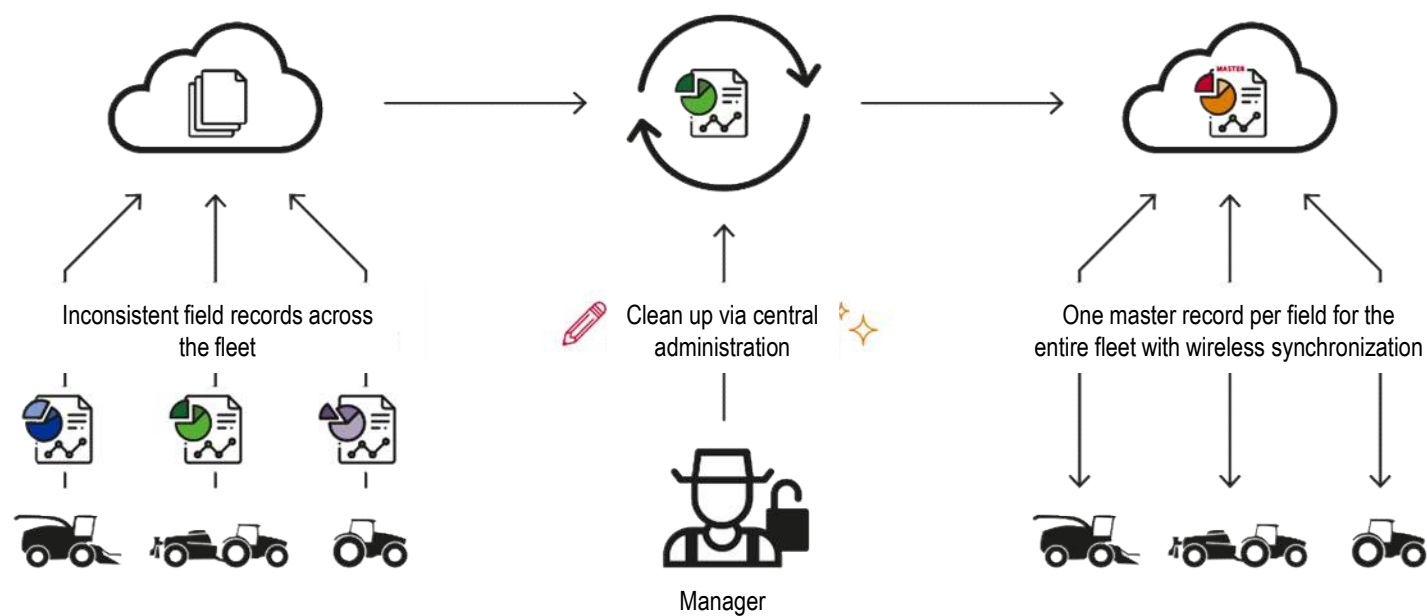


Map

- Map based on Google Maps
- Display of current machine positions and parameters such as fuel or AdBlue level
- Creation and display of locations
- Location-specific weather data



Fendt Guide Sync



Fendt Guide Sync

- Automatic synchronization of field data within the fleet
- Quick and easy control and revision of changes
- Availability in connection with new operating philosophy FendtONE



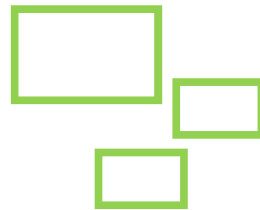
Future challenges



Greater individualisation of operation



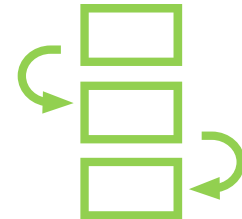
Additional safety in operation



Extension of the display areas for a better overview



Interfaces between tractor and office work



Operation is process-optimized Optimization of the entire work process



It's Fendt.

Porque comprendemos la agricultura. Because We Understand Agriculture.
Тому що ми розуміємо сільське господарство. Çünkü tarımı anlıyoruz. Fordi vi forstår landbruk.
Perché conosciamo a fondo l'agricoltura. Sest me mõistame põllumajandust.
Fordi vi forstår os på landbrug. Koska me ymmärrämme maanviljelyä. Ker mi razumemo kmetijstvo. Потому что мы понимаем фермеров.
Mivel értünk a mezőgazdasághoz. Parce que nous comprenons l'agriculture. Omdat wij verstand van landbouw hebben.
Nes mes apie ūkininkavimą žinome viską. Porque entendemos de agricultura. Jo mēs izprotam lauksaimniecību.
Weil wir Landwirtschaft verstehen. Pentru că înțelegem agricultura. Защото разбираме от земеделие. Jer se razumijemo u poljoprivredu.
För att vi förstår lantbruk. Επειδή γνωρίζουμε τον χώρο της γεωργίας.

