ISOBUS & connected solutions

KUHN ELECTRONICS - KUHN CONNECT - KUHN APPS
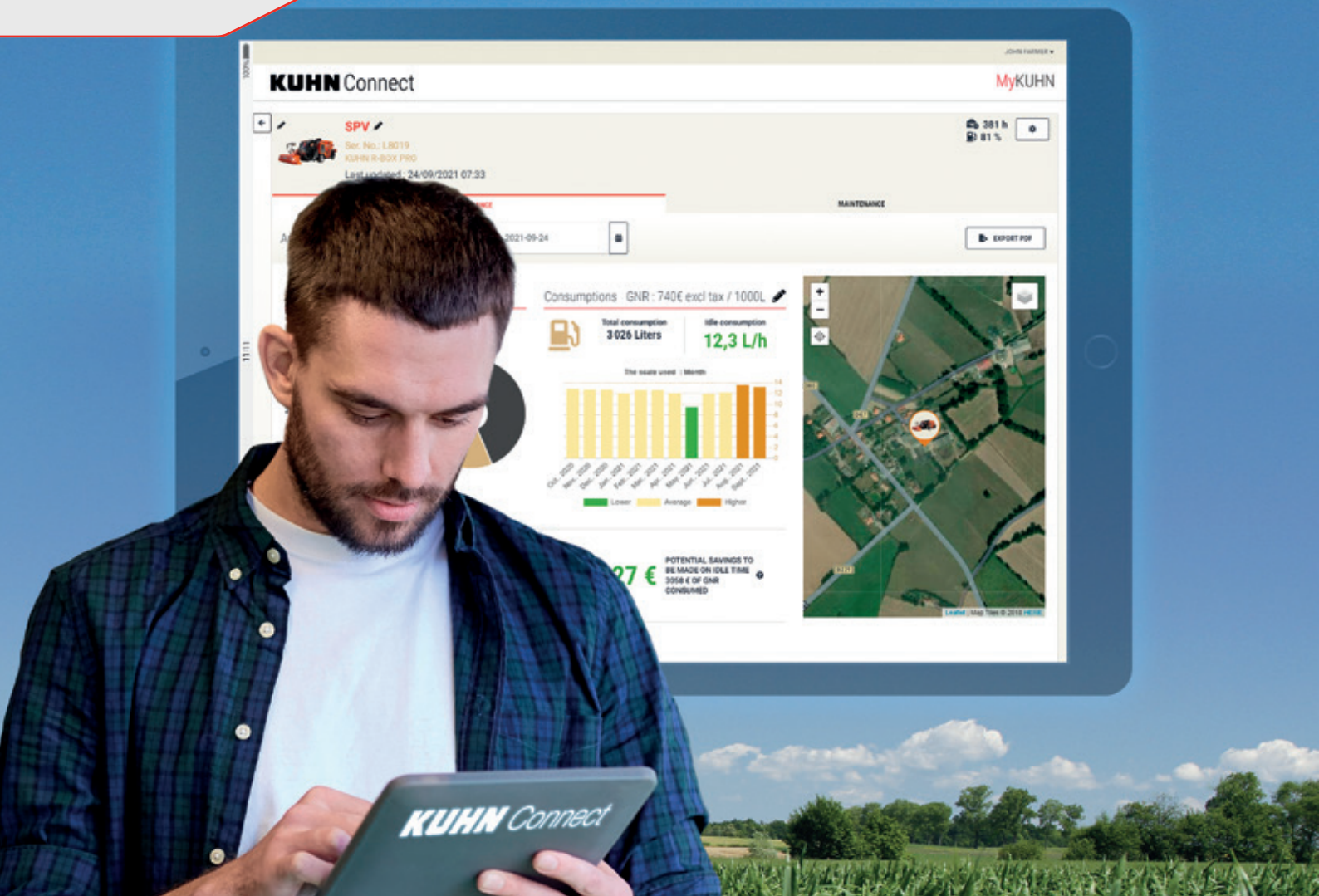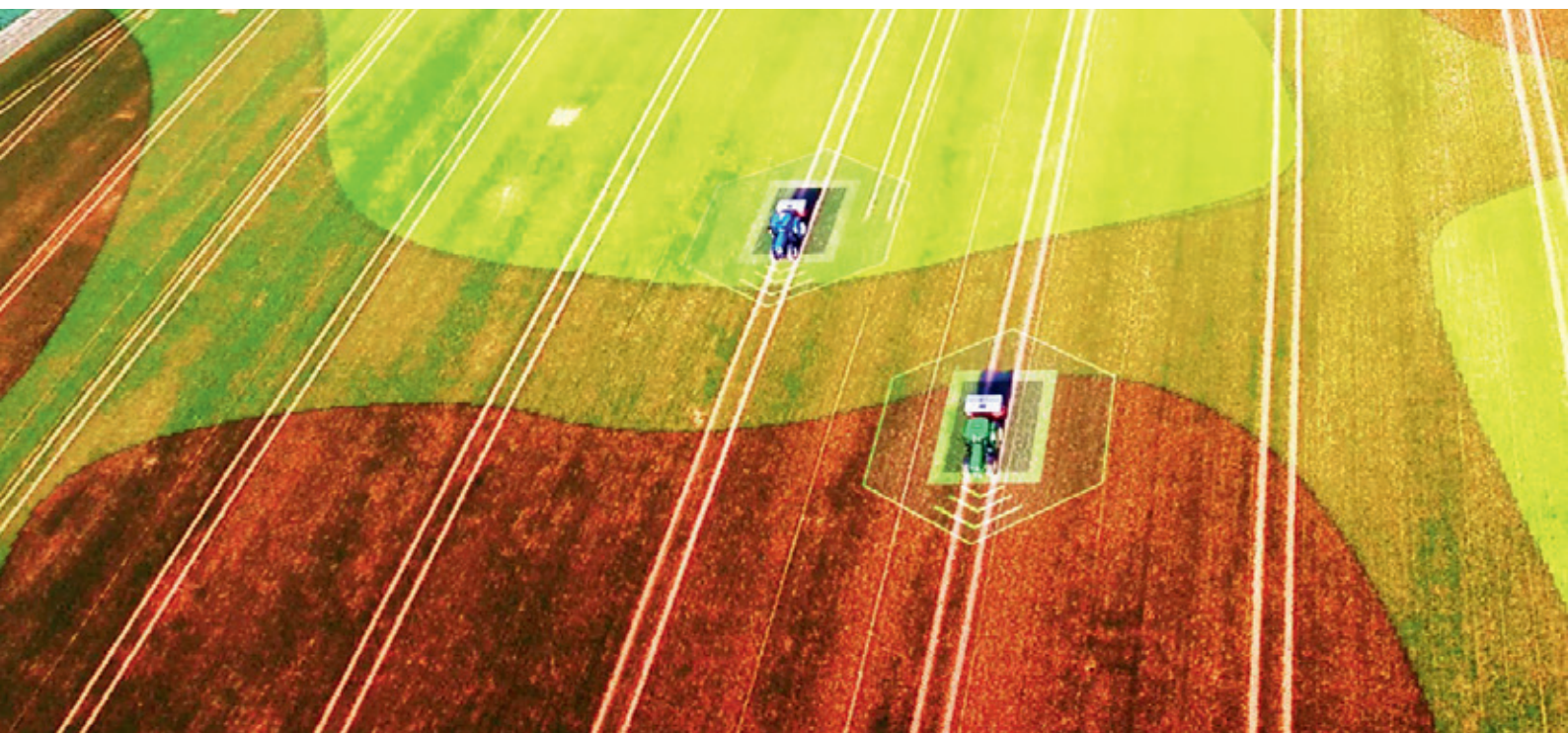
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ISOBUS & connected solutions

WITH KUHN, SIMPLICITY AT YOUR FINGERTIPS

AS ONE OF THE FOUNDING MEMBERS OF THE CCI (COMPETENCE CENTRE ISOBUS) IN 2009, KUHN IS QUALIFIED TO HELP YOU ADOPT ISOBUS TECHNOLOGY QUICKLY AND EASILY. WE ARE ALSO A MEMBER OF THE AEF (AGRICULTURAL INDUSTRY ELECTRONICS FOUNDATION) WHERE OUR MISSION IS TO DEFINE AND DEVELOP THE ISOBUS STANDARD IN PARTNERSHIP WITH MANUFACTURERS, IN THE AIM OF FINDING THE BEST SOLUTIONS FOR YOU.

To help understand system compatibilities better, the AEF, reference for the certification of ISOBUS products, provides precise information on ISOBUS functionalities. ISOBUS compatibilities are available on the AEF ISOBUS database: **www.aef-isobus-database.org/**

KUHN is also one of the founding members who contributed to the development of agrirouter: a data exchange platform between machines and solutions from different brands whose purpose is to share data simply and securely. KUHN has now created a simple application for remote document transfer: KUHN EasyTransfer, available directly in MyKUHN.

KUHN ISOBUS SOLUTIONS

The CCI 1200 ISOBUS terminal certified by the AEF focuses on three priorities: performance, visibility and flexibility. It allows you to control intuitively your machines with its anti-glare, large size 30.5 cm (12.1") touch screen. It can display simultaneously different essential information and accepts the connection of a joystick or a camera. Among its most innovative applications, a biomass sensor, capable of carrying out Section Control, guidance assistance as well as application rate modulation/monitoring per GPS.

CCI 1200

A new ISOBUS terminal for KUHN machines. At the cutting-edge of technology, discover the AEF-certified ISOBUS terminal. Don't wait to appraise the many standard applications it offers.

All the information displayed on the screen!

ISB button to deactivate an equipment's functions

Colouring or worked areas

2 USB ports for data transfer (Application maps or smartphone uploading)

Display of several miniviews

Brightness sensor

Screen switching key/ MaxiView mode

Machine display

Video input

12"/30.5 cm

ready for agrirouter

ISOBUS

04

The CCI 800 terminal has an 8 "/ 20.3 cm screen. You benefit from a larger working screen in a more compact terminal, brighter and more contrasting colours for improved in-cab visibility. Despite its compact size, it is possible to visualize several information simultaneously such as the machine or other applications such as a video camera, modulation maps... ISOBUS certified by the AEF, the CCI 800 offers many applications as standard. With the CCI 800 terminal, discover the essence of efficiency in controlling your machine!

CCI 800

The compact ISOBUS terminal. View different information during work!

1 USB port
for data/modulation
map transfer

Video input

ISB button to deactivate
an equipment's functions

Documentation/
Job recording

Display of several
miniviews

Brightness sensor

ready for **agrirouter**

ISOBUS

8"/20.3 cm

CCI ISOBUS TERMINALS:
ALL YOUR INFORMATION ON THE SAME SCREEN

Discover now the ISOBUS CCI terminals certified by the AEF. At the cutting edge of technology, they offer numerous standard or optional applications.

CCI 1200
INNOVATIVE, PANORAMIC, ULTRA-EFFICIENT

Two universal terminals (UT) in one
The size and design of the terminal allows practical, simultaneous display of two ISOBUS machines on the screen. The CCI 1200 integrates the UT function twice so that you can adjust and pilot an ISOBUS machine combination such as a front hopper and precision seed drill.

Flexible terminal layout
Standard machine display of the new CCI 1200 ISOBUS terminal is customizable. The terminal can be positioned horizontally or vertically depending on space available in the cab.

CCI 800
THE COMPACT ISOBUS TERMINAL

All functionalities at a glance
With its 8"/20.3 cm screen, the CCI 800 ISOBUS terminal features an optimum size to concentre on a single application. Very user-friendly, the anti-glare screen offers excellent visibility even when the sun is shining.

CCI 800 / CCI 1200
COMMON FUNCTIONALITIES

Simple, instantaneous navigation
The interfaces of on-board CCI terminals are equipped with the MultiTouch function for navigating between different apps. Intuitive finger movements like "press", "swipe", "drag and drop" and "pinch to zoom" allow you to navigate quickly and easily between different menus, screens and apps, just as you do with your smartphone or tablet computer.

Simultaneous camera display and control
Through a video input, live-view camera can be displayed at the same time as the most important work data on the work screen.

MAXI-VIEW functionality
No strain for your eyes! With the MaxiView function, standard display size can be increased to take up the entire height of the terminal. A quick-access button in the status bar enables you to switch between the different screens, including the maxi-view for increased comfort.

Benefit from perfect GPS compatibility
CCI 800 and CCI 1200 terminals benefit from GPS applications ensuring Section Control of sections and rows, application rate modulation (via maps or sensors), guidance assistance, GPS tramlining and remote data transfer.

APPLICATIONS CCI : A WIDE CHOICE

MANY STANDARD APPLICATIONS

TECU
To retrieve basic
tractor information

CONTROL
Keep a record of your work

CONVERT
To connect to a biomass sensor

CAMERA
To connect a camera
and display live-view

HELP SYSTEM
The assistance you need

WANT MORE GPS OPTIONS?
CHECK OUT THE CCI APPS

For increased manoeuvrability, add a CCI A3 joystick to your terminal

CCI.COMMAND SECTION CONTROL
Control up to 254 sections
and up to 4 different products

CCI.COMMAND PARALLEL TRACKING
Guidance and tramlining assistance per GPS
with the Tramline Control function

ready for
agrirouter

CCI.TASK CONTROL
Integrate application rate modulation (SHP or ISOXML files), manage up to 4 different maps
Modulate up to 32 application rates
Import/export your data per USB stick or remotely using the agrirouter solution

CONTROL INPUT APPLICATION WITH
THE APPLICATION RATE MODULATION

Application rate modulation is one of the solutions of Precision Agriculture to control the application of inputs, and thus optimize production yields and quality. CCI 800 and 1200 terminals are compatible with biomass / N-Sensor sensors as standard. The CCI.Task Control application allows managing application rate modulation maps, in SHP or ISOXML format, regardless of the provider. Thanks to the agrirouter platform, data is transferred remotely from the office to the terminal.

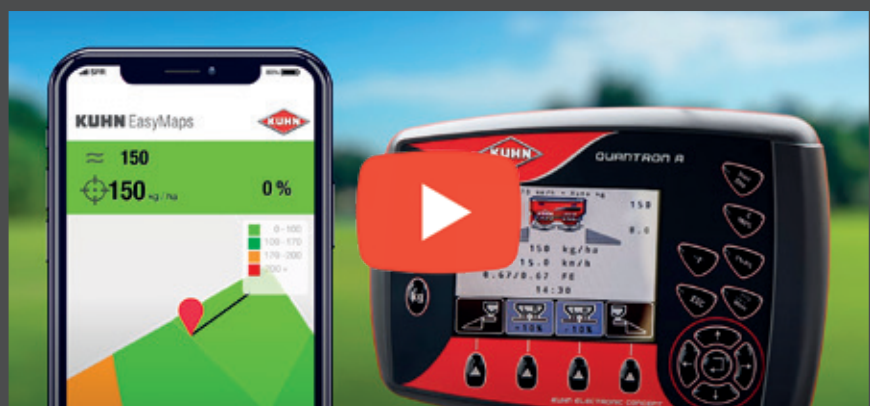**With the CCI.Task Control application, manage modulation maps from all of these providers.**

CCI 800 and 1200 terminals are compatible with biomass sensors.

Yara N-Sensor® | AgXtend CropXplorer | ISARIA® | Greenseeker® | Claas CropSensor

Check out our services
on our Youtube channel

Scan the QR code

CCI A3 : AN INNOVATIVE JOYSTICK

With the CCI A3 joystick, view the functions of your machine directly on the touch screen of the joystick. It will allow you to select the right function at the right time.


Revolutionary easy of use

Now, directly view the function you want to activate on your CCI A3 joystick. For more convenience, quickly and easily configure your CCI A3 joystick by assigning the functions as you see fit (up to 30 programmable functions depending on the grid used). The hand rest increases comfort during long days.

Choose the perfect configuration

The CCI A3 is ISOBUS AUX-N certified by the AEF, therefore it is compatible with all ISOBUS AUX-N certified machines. Not all ISOBUS AUX-N machines can transmit display icons to the CCI A3, in this case the keys will be named F1 to F10. The functions will be visible directly on the ISOBUS terminal. Thanks to its compactness, the CCI A3 joystick fits easily near your armrest, thus providing more comfort. For greater simplicity, the CCI A3 is connected to the ISOBUS 9-pin in-cab socket.

9-function divider of the mower conditioner with conveyor
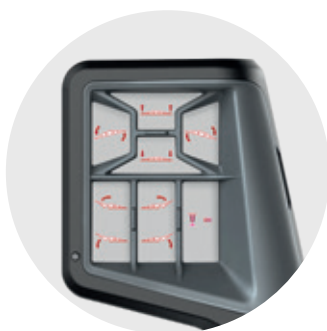
9-function divider of an ISOBUS sprayer

9-function divider of an ISOBUS AXIS fertilizer spreader

8-function divider of an ISOBUS AXIS fertilizer spreader

CHANGE THE DIVIDER IN A FEW SECONDS

Interchangeable divider

Brightness sensor

With or without haptic feedback and/or sound signal

Height-adjustable hand rest

CCI A3

3 levels available by pressing the key on the back: 24, 27 or 30 functions can be programmed depending on the divider

**The symbols are directly visible on the CCI A3 joystick.**

My**KUHN**

MY CONNECTION TO SUCCESS

MyKUHN is your online customer area. Register today and gain access to all the exclusive services offered by MyKUHN. The KUHN Connect area brings together all of your connected solutions. Find the KUHN EasyTransfer services as well as the Remote View functionality of the KUHN CCI Connect packages.

Access all your connected solutions

Thanks to your MyKUHN customer area and its KUHN Connect tab, find your solutions and connected machines easily.
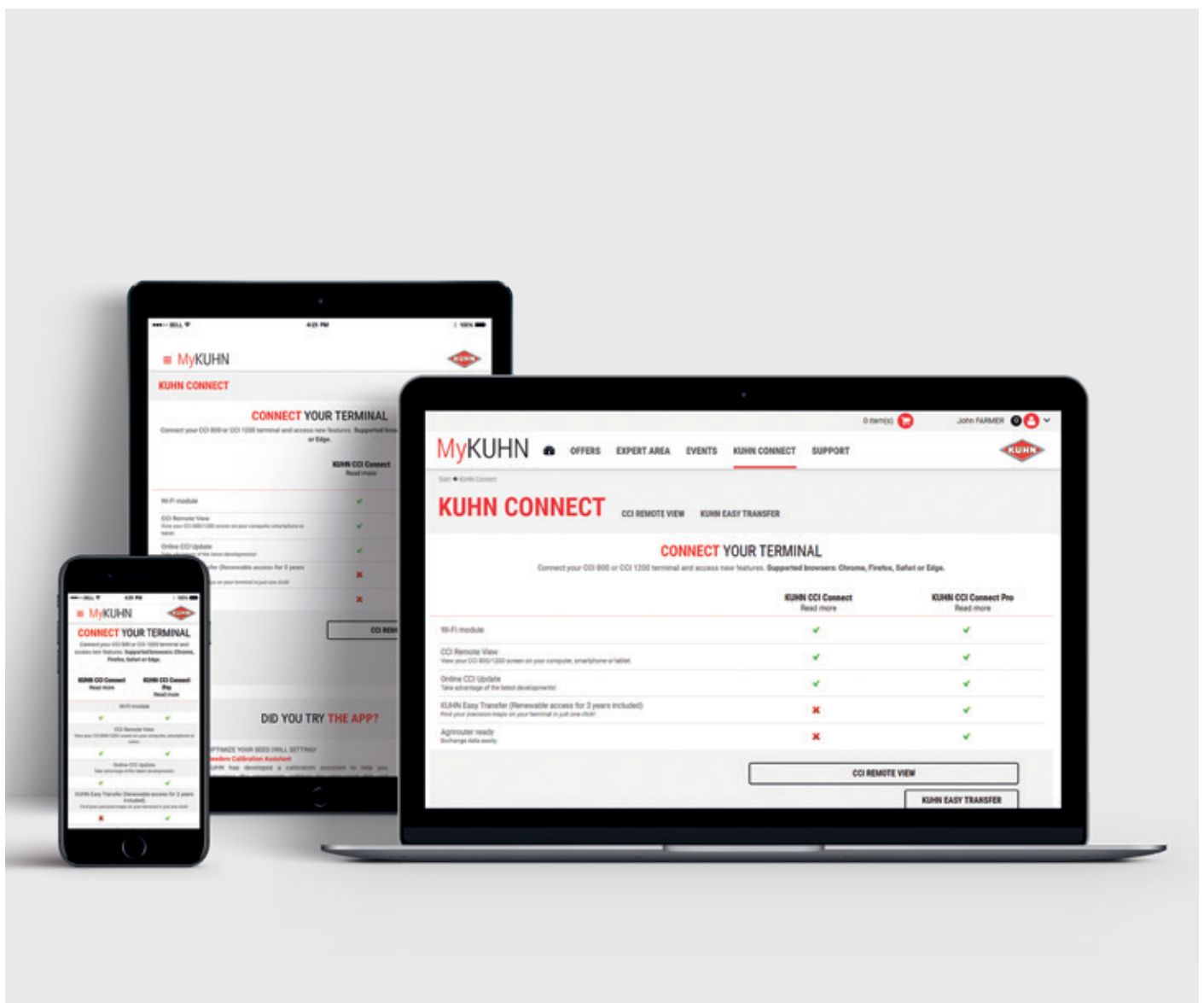
Maximize your machine's performance

Optimize your machine settings
Access all setting and maintenance information at the right time to optimize your productivity.

## One click to send your modulation map
From your computer, with KUHN EasyTransfer, send application rate modulation maps to your machines via the agrirouter platform. Soon available on MyKUHN.

Let yourself be guided towards application rate modulation
With the KUHN Easy Maps application, manually modulate your application rate free of charge by viewing your prescription map and your position in the plot, directly on your smartphone.

Exclusive expert info

MyKUHN is a wealth of information with high added value! Stay informed about new KUHN machines and equipment, read user stories, benefit from agronomic and expert advice from our specialists and find out more about KUHN know-how.
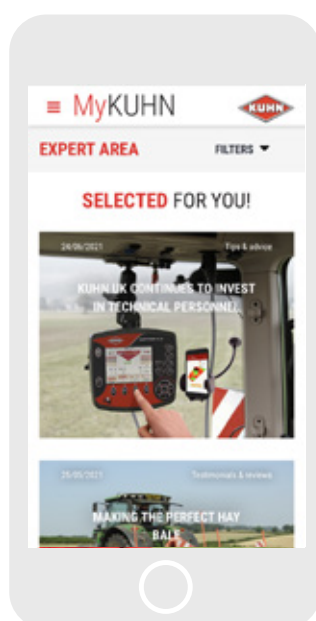
And many other interesting functionalities

Participate in events
Receive notifications when KUHN dealers organize events near you and when a must-see event is scheduled.

Benefit from offers
Take advantage of exclusive financing offers on KUHN parts and machines.

Keep in touch
Find and save your favorite dealers so you can contact them quickly and easily!

On-line tools to make the most of your KUHN machines!
Once identified, you will be able to manage your KUHN machines by having access to parts catalogs and downloading operator's manuals.

Genuine spare parts
MyKUHN allows you to search for a part, either by indicating its reference or by using the KUHN electronic catalog. Finding a part becomes child's play. You can view the availability of the part at your dealer and send him your selection.
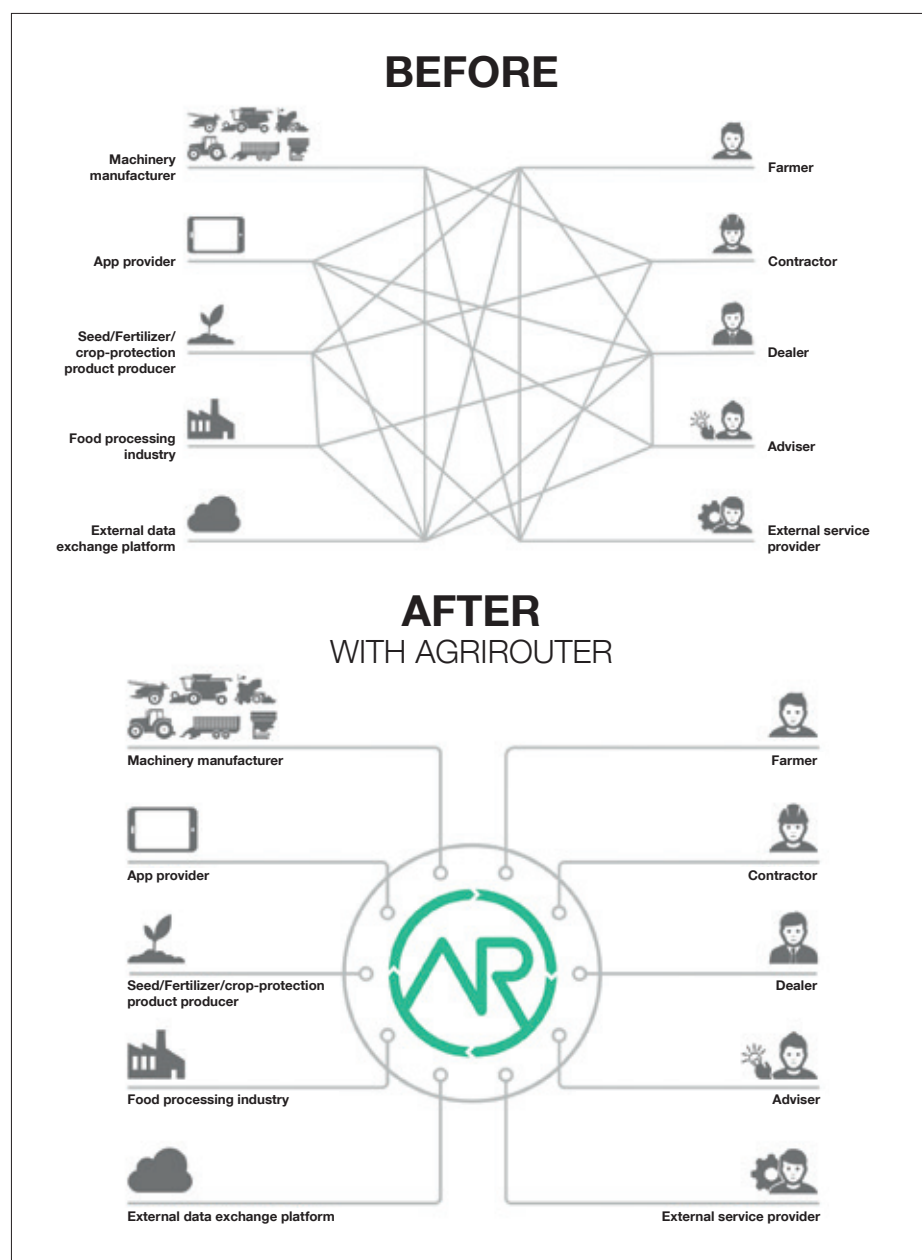
SIMPLE DATA EXCHANGE WITH THE AGRIROUTER SOLUTION

It can be frustrating trying to use connected solutions on machines, software and equipment, especially when they come from different suppliers. KUHN decided to resolve this issue by contributing to the development of agrirouter that enables users to exchange data simply and securely.

SIMPLE TO INSTALL ON YOUR COMPUTER

Agrirouter is your universal data exchange platform that allows you to connect your machines to your partner's, to your software and your apps: farm management information systems (FMIS), cooperatives, etc. All you need is an internet connection for agrirouter to simplify your data exchange while leaving you in control of your data.

With agrirouter, as soon as you receive your application rate modulation maps for example, you can transfer them directly to your terminal and/or your machines.

BEFORE

Machinery manufacturer

App provider

Seed/Fertilizer/ crop-protection product producer

Food processing industry

External data exchange platform

Farmer

Contractor

Dealer

Adviser

External service provider

AFTER
WITH AGRIROUTER

Machinery manufacturer

App provider

Seed/Fertilizer/crop-protection product producer

Food processing industry

External data exchange platform

Farmer

Contractor

Dealer

Adviser

External service provider

AWARD-WINNING TECHNOLOGY

Presented as a world exclusive at Agritechnica 2017, the world's number one agricultural machinery trade fair, agrirouter aroused a lot of interest from visitors and impressed the DLG* expert commission who granted it the "Innovation Award" silver medal.

" INNOVATION AWARD "

The DLG (The DLG (Deutsche Landwirtshaft-Gesellschaft – German Agricultural Society) was founded in 1885. It is an independent centre of expertise whose aim is to support technological progress by promoting quality.

INNOVATION AWARD

AGRITECHNICA

SILVER MEDAL

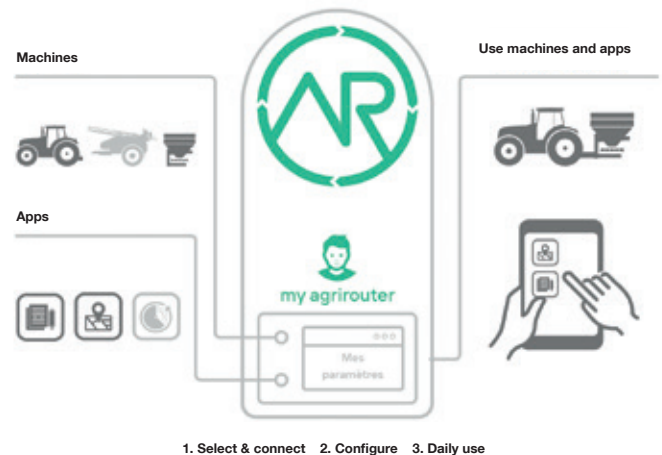# OPTIMIZE YOUR PRODUCTION PROCESSES FROM START TO FINISH

Agrirouter enables optimising production processes, from the very first jobs to the delivery of the crop.

Users can customise the configuration of agrirouter.

Basic configuration is simple and can be modified at any time. It is easy to use and many transfers are automated.

With a personal agrirouter account, users can define what happens to their data at any time.

Any data transfer complies with or surpasses current European data protection directives.

Machines
Use machines and apps
Apps
my agrirouter
Mes paramètres

1. Select & connect   2. Configure   3. Daily use

ALL THESE COMPANIES ARE AGRIROUTER COMPATIBLE! COMPATIBILITY WITHOUT ASKING QUESTIONS!

KUHN CCI CONNECT LITE AND KUHN CCI CONNECT PRO: CONNECT YOUR TERMINAL!

Connect your ISOBUS CCI 800 or CCI 1200 terminal to the internet and benefit from new features to limit downtime, assist or help your drivers or even transfer data remotely in order to manage your work sites without interruption!

CCI Remote View: display your terminal screen on your computer, smartphone or tablet!
Ideal for remotely viewing your work in progress, providing assistance or training to a driver without moving, the Remote View functionality is available via your MyKUHN account from your computer, smartphone or tablet. You get the screen of the ISOBUS CCI 800 or CCI 1200 terminal live as if you were in front of it!

CCI 800 and CCI 1200 ISOBUS terminals are agrirouter ready!
The ISOBUS CCI 800 and CCI 1200 terminals are compatible with the agrirouter data exchange platform as standard. Agrirouter safely transfers your data, files, modulation maps from one place to another.
As soon as your equipment, terminals and software are connected to the agrirouter platform, they are connected and can communicate with each other!

Benefit from the latest evolutions with Online CCI Update
Your CCI terminal displays a notification when a new software version is available. By launching this update, you will benefit from the latest developments and fixes for your terminal!

KUHN EasyTransfer : find your application maps in a click directly on your terminal!

KUHN EasyTransfer manages the transfer of documents (tasks, missions, application maps...) with the help of the agrirouter data exchange platform. It's the tool you need for remote communication and to make your job easier !

FROM YOUR OFFICE COMPUTER

On your computer you can simply drag and drop application maps (in SHAPE or ISOXML format), tasks and missions, into **KUHN EasyTransfer**. This tool enables you to transfer documents quickly to a recipient via the agrirouter data exchange platform.
The recipient could be the terminal used by the tractor driver for example, to control the machine at work.
Before pressing «Send», **KUHN EasyTransfer** displays the plots selected for final verification. It's so much more practical with a preview feature!
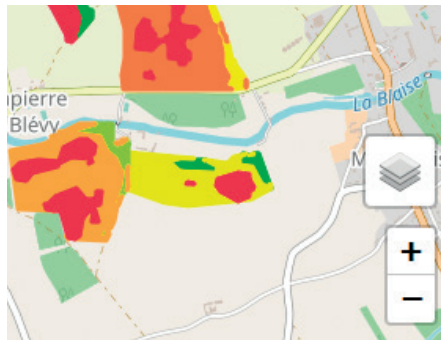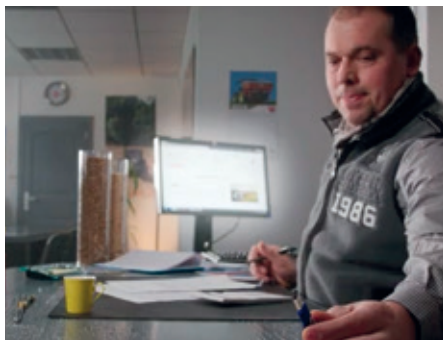
Transfer your maps in zip format
When receiving or creating your modulation maps in SHP or ISOXML format, you can compress them in zip format and transfer them directly to the CCI terminal. It's very easy to use. When the work is done, simply send the tasks back to KUHN EasyTransfer to then use them in your management software.

Preview before sending
Before sending your tasks, your modulation maps or your plot contours, the preview allows a final check by displaying the plots concerned.

Connected to the agrirouter platform
KUHN EasyTransfer is a very simple tool to transfer your data directly to your terminal or your computer via the agrirouter platform. The sending rules and recipients are defined on the agrirouter platform. Agrirouter respects the confidentiality of your data.

	KUHN CCI Connect Lite	KUHN CCI Connect Pro
Module Wi-Fi	x	x
CCI Remote View	x	x
Online CCI Update	x	x
KUHN EasyTransfer		x (*)
agrirouter ready		x (*)

(*) CCI.Task Control (to exchange data) and a MyKUHN account (free) are required. KUHN CCI Connect Lite and KUHN CCI Connect Pro require connection sharing (smartphone connection sharing for example or 3G / 4G key) to connect the CCI 800 or 1200 terminal to the Internet.

SMALL IN SIZE, BIG IN IMPACT.

Our range of applications and services is diversifying! We are at your side, to experience together, the effervescence of Agriculture 4.0. In web or mobile version, discover the KUHN applications dedicated to sowing, fertilizing, spraying, forage harvesting and livestock farming which will help you improve the performance of your equipment.
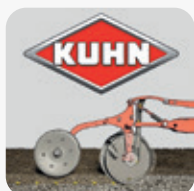
1. Seeding assistant
Optimize the settings of your seed drill.

4. KUHN EasyMaps
View your application rate modulation maps on your smartphone.

7. KUHN ForageXpert
To get the best from forage harvesting processes.

ALL KUHN APPLICATIONS

available on Google Play and iTunes Store.

ANDROID APP ON
Google Play

Download on the
App Store

2. KUHN PreciSeed
For precision seeding.

3. KUHN SpreadSet
The right setting for your spreader
for each fertilizer type!

6. KUHN nozzle configurator
The right nozzle, great spraying!

5. KUHN Click & Seed
Find your next precision
seed drill.

8. KUHN Click & Mix
Find your next mixer.

My KUHN

THE LINK TO MY SUCCESS !

MyKUHN is your online space. Sign up today and find out how MyKUHN's exclusive services will help you manage your KUHN machinery and terminals more effectively. Log on with your computer, mobile phone or tablet computer to access spare parts catalogues, technical documentation and many connected services.

KUHN SAS - 4 Impasse des Fabriques - BP 50060 - F-67706 Saverne CEDEX - FRANCE
KUHN NORTH AMERICA, INC. - 1501 West Seventh Avenue - Brodhead, WI 53520 - USA
KUHN FARM MACHINERY PTY. LTD - 313-325 Foleys Road - Deer Park, VIC, 3023 - AUSTRALIA
KUHN FARM MACHINERY (U.K.) LTD - Stafford Park 7 - GB TELFORD/ SHROPS TF3 3BQ

To find your nearest KUHN dealer,
visit our website www.kuhn.com