

CASE IH RTK+

BE MORE PRODUCTIVE WITH PRECISION TECHNOLOGY SOLUTIONS

CASE IH RTK+

1.5 CM ACCURACY ANYTIME, ANYWHERE



CASE IH

CASE IH

CASE IH RTK+

Get instant access **to the best network**

Case IH RTK+ is a subscription-based RTK correction service that delivers high-quality, modelled GNSS corrections to users operating within the network boundary. Our specialised RTK services support a broad variety of applications: i.e. surveying, machine control, construction, unmanned aerial vehicles and precision farming.



HOW CAN I GET AN RTK+ SUBSCRIPTION?

To subscribe to our service, please contact your local dealer.



HOW IS THE RTK+ SERVICE DELIVERED?

Our correction signal is delivered via the Internet. Each rover has its own unique login credentials which must be set up in the device. The GSM modem of the device then connects to our NTRIP caster via internet. If all necessary permissions are granted, RTK correction data is transmitted to the receiver.



DO YOU ALSO OFFER CROSS BORDER FUNCTIONALITY?

Yes, you can use your subscription across countries without changing settings or losing connectivity.



CAN I USE CASE IH RTK+ WITH EVERY GUIDANCE SYSTEM?

Yes, our RTK+ correction services are compatible with almost all agriculture machines and its GNSS receivers. This is because we use the RTCM format which is standardised between manufacturers.



CENTIMETRE-LEVEL ACCURACY AND HIGH RELIABILITY

We provide up to 1.5 cm accuracy achieved through high-density network, certified coordinates of our reference stations and latest software. We use multiple satellite constellations (such as GPS, GALILEO, GLONASS, BEIDOU,...) to guarantee this high level of precision.



TOOLS TO MAKE YOUR WORK LIFE EASIER

With our free mobile app and web desktop interface, you can locate your machines, check their past and current activity or status – anywhere, at any time.



EUROPEAN COVERAGE

Our service is available across Europe allowing you to cross borders without losing the signal or changing any machine settings.



MANPOWER WHEN TECHNOLOGY IS NOT ENOUGH

Our service is supported by a team of specialists that do a 24/7, 365 days monitoring behind the scenes.

INCREASE YOUR PRODUCTIVITY

- ✓ Reduce overlapping during tillage & soil preparation
- ✓ Save inputs during seeding
- ✓ Reduce fertiliser & pesticide inputs
- ✓ Increase productivity during harvesting
- ✓ Minimise soil compaction with Controlled Traffic Farming
- ✓ Automate your applications with high-accuracy section control
- ✓ Improve water management through field levelling
- ✓ Continue operations in low visibility conditions
- ✓ Reduce workload and one-sided body stress



THE HIGHEST ACCURACY FOR PRECISION APPLICATIONS

	BASE ACCURACY EGNOS +/- 20 CM	MEDIUM ACCURACY PPP* +/- 5-10 cm	HIGH ACCURACY Case IH RTK+ +/- 1.5 cm
Yield mapping	✓	✓	✓
Harvesting	✓	✓	✓
VRA spreading	✓	✓	✓
VRA spraying	✓	✓	✓
Tillage	✓	✓	✓
Automated steering		✓	✓
Corn harvest		✓	✓
Spraying with section control		✓	✓
Spreading with section control		✓	✓
Precision seeding			✓
Strip tillage			✓
Controlled Traffic Farming			✓
Field levelling			✓
Drainage			✓
In-crop weeding			✓

*Precise Point Positioning Services

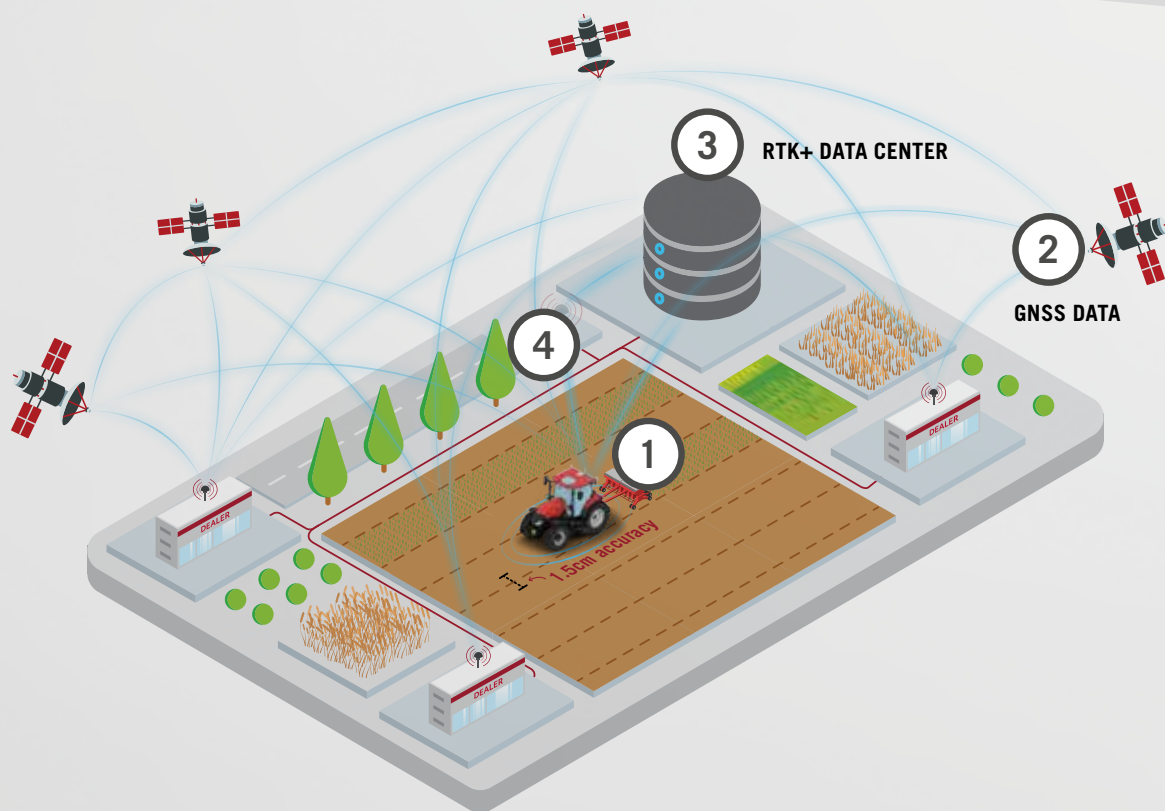
CASE IH RTK+ Benefits

- Highest accuracy possible
- No base station investment
- High density network
- Multi brand compatible
- No geographical limitations or boundaries inside the network
- < 10 sec. waiting time after initialisation

AT THE TOP OF TECHNOLOGY

This process runs continuously as long as the rover is connected to our RTK data center.

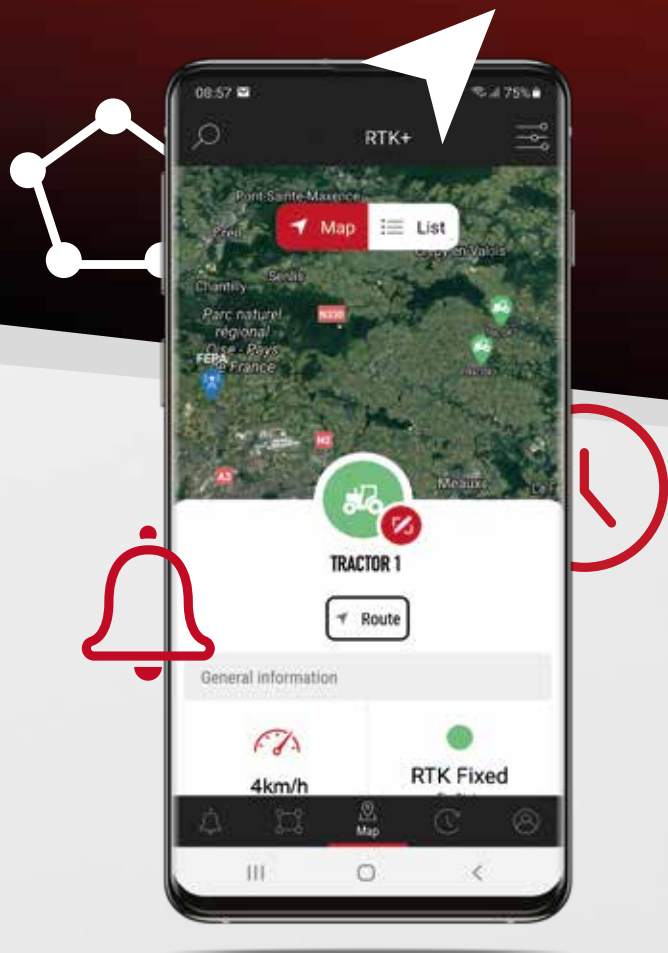
- 1 The GNSS receiver on your machine **sends a request for RTK+ corrections** by transmitting its position to a central data centre.
- 2 Meanwhile, **a network of fixed RTK+ base stations receives GNSS data from multiple satellite constellations** such as GPS, Galileo, GLONASS and BeiDou.
- 3 These observations are then **sent to the central data centre** where they are processed to calculate **tailored correction data** can be calculated based on the GNSS signal errors (i.e. orbit errors, ionospheric and tropospheric effects).
- 4 Then, **a Pseudo-Reference station is created virtually**, close to the physical position of the machine. A pseudo-reference station is an imaginary, unoccupied reference station which is only five kilometres from the RTK user. Every second it will provide correction messages to your machine.



The coordinates of the CNH reference stations are estimated from and calibrated with publicly available stations such as the EUREF Permanent Network (EPN). On a regular basis the Receiver Independent Exchange Format (RINEX) data of the CNH reference stations are compared against the European Terrestrial Reference Frame (ETRF). This certification is executed and approved by Geo++ GmbH on a yearly basis.

RTK+

Mobile application



SCAN THE QR CODE TO DOWNLOAD
THE RTK+ APP FOR FREE.



IOS



ANDROID

Check the status of the RTK+ network and your machines directly from your phone. For example, you can easily see how many satellites are in use and how long your machine has been connected. In the event of technical updates, you will receive a notification, allowing you to better plan your work.

Download the app and discover many more practical features.

LOGIN CREDENTIALS

All RTK+ customers can access the app for free. All you need is a user name (customer profile) / email and password created by your dealer. If you don't have a password, you can type in your username (customer profile) or respective email address and use the function "forgot password" to receive an email with a link to reset/ set up the password. If you have difficulties logging in, please contact your local dealer.



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Safety never hurts! Always read the Operator's Manual before working with any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends **AKCELA** lubricants.

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