

Be more productive with precision technology solutions

STEYR RTK+ 1.5 CM ACCURACY ANYTIME, ANYWHERE



Your partner to rely on.

STEYR
TRAKTOREN

WHAT IS **STEYR RTK+**?

STEYR RTK+ is a subscription based RTK correction service, which delivers high quality modelled GNSS corrections to all users working inside the network boundary. Our specialised RTK services have a broad variety of applications: i.e. surveying, machine control, construction, unmanned aerial vehicles and precision farming.



How can I get a RTK+ subscription?

To subscribe to our service please contact your local dealer.



How is the RTK+ service delivered?

Our correction signal is delivered over the Internet. Each rover has his unique login credentials which must be set up in the device. The GSM modem of the device then connects to our NTRIP caster through internet and if all necessary permissions are given, the RTK data corrections are transmitted to the receiver.



Do you also offer cross border functionality?

Yes, you can use your subscription from one country to another without changing settings or losing connectivity.



Can I use RTK+ with every guidance system?

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



Centimeter accuracy and high reliability

We provide up to 1.5 cm accuracy achieved by a high dense network, certified coordinates of our reference stations and latest software. We use multiple satellite constellations (such as GPS, GALILEO, GLONASS, ...) 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 throughout Europe. This means you can 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.

GET INSTANT ACCES TO **THE BEST NETWORK**

INCREASE YOUR **PRODUCTIVITY**

- ✓ Reduce overlapping in **tillage & soil preparation**
- ✓ Save inputs in **seeding**
- ✓ Reduce **fertiliser & pesticide** inputs
- ✓ Increase productivity in **harvesting**
- ✓ Minimise soil compaction by using **controlled traffic farming**
- ✓ Use high accuracy section control to **automate your applications**
- ✓ Improve water management by **field levelling**
- ✓ Continue operations under **poor visibility** conditions
- ✓ **Reduce workload** and one-sided body stress



THE HIGHEST ACCURACY FOR PRECISION APPLICATIONS

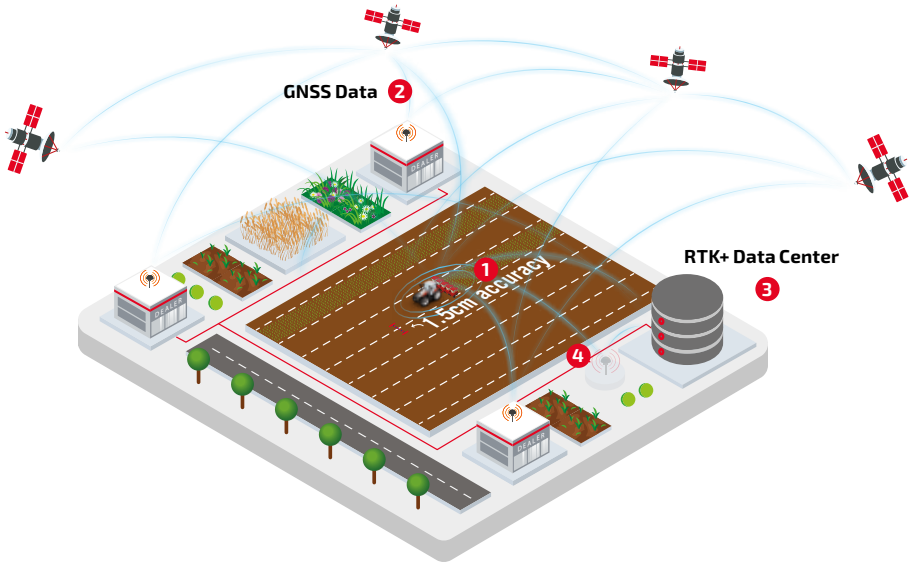
	Base Accuracy Egnos +/- 20 cm	Medium Accuracy Ppp* +/- 5-10 cm	High Accuracy STEYR RTK+ +/- 1.5 cm
Yield Mapping	✓	✓	✓
Harvesting	✓	✓	✓
VRA Spreading	✓	✓	✓
VRA Spraying	✓	✓	✓
Tillage	✓	✓	✓
Automated Steering		✓	✓
Corn Harvest		✓	✓
Spraying With Section Control		✓	✓
Spreading With Section Control		✓	✓
Precision Seeding			✓
Strip Tillage			✓
Controlled Traffic Farming			✓
Field Levelling			✓
Drainage			✓
In-Crop Weeding			✓

*Precise Point Positioning Services

» STEYR 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



- 1 The GNSS receiver of your machine is **sending a request for RTK+ corrections** by sending its position to a central data center.
- 2 Meanwhile, **a network of fixed RTK+ base stations receives GNSS data from several satellites** from multiple constellations such as GPS, Galileo, GLONASS and BeiDou.
- 3 These observations are then **sent to the central data center** where the information is being processed so that **tailored correction data** can be calculated based on the GNSS data and their errors (i.e. orbit errors, ionospheric and tropospheric effects).
- 4 Then, **a Pseudo-Reference station is created virtually**, nearby 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.

THIS IS A CONTINUOUSLY REPEATING PROCESS FOR AS LONG AS THE ROVER IS CONNECTED TO OUR RTK DATA CENTER.

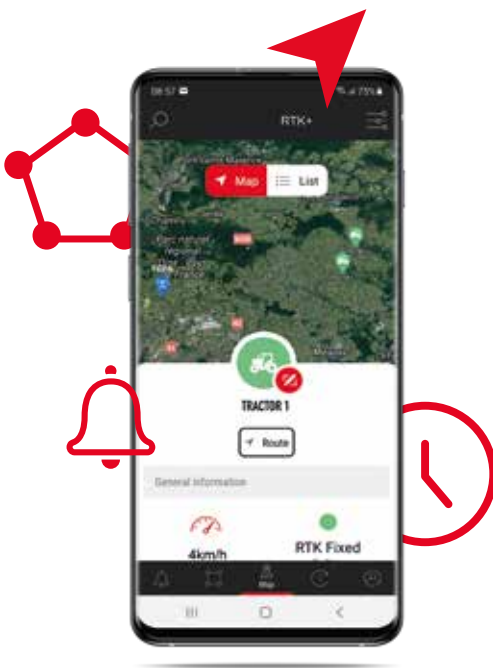


The coordinates of the CNH reference stations are estimated from and calibrated with publicly available stations such as the EUREF Permanent Network (EPN). On a regular basis the Receiver Independent Exchange Format (RINEX) data of the CNH reference stations are compared against the European Terrestrial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

RTK+ MOBILE APPLICATION

Check the status of the RTK+ network and your machines directly on your phone. For example, you can easily see how many satellites are in use and how long your machine has been connected. In case 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.

Scan the QR code to download the RTK+ app for FREE.



IOS



ANDROID

You drive better when you are safe. Before using the vehicle, please read the Operating Manual and become familiar with the use of each of the controls. Note the contents of the instruction panels and use the safety equipment for your own personal safety. This brochure is intended for use internationally. The availability of a few models and of standard and special equipment items may vary from one country to another.



STEYR reserves the right at any time and without prior announcement to make changes to the design and technical version without this in any way obliging STEYR to transfer these to units already sold.

Details, descriptions and pictorial material reflect the current status at the date of publication, but can be amended without prior announcement and at any time. Pictorial materials may show certain national versions items of special equipment as well as non complete standard versions

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