



# EVOLUTION RTK

Long range precision





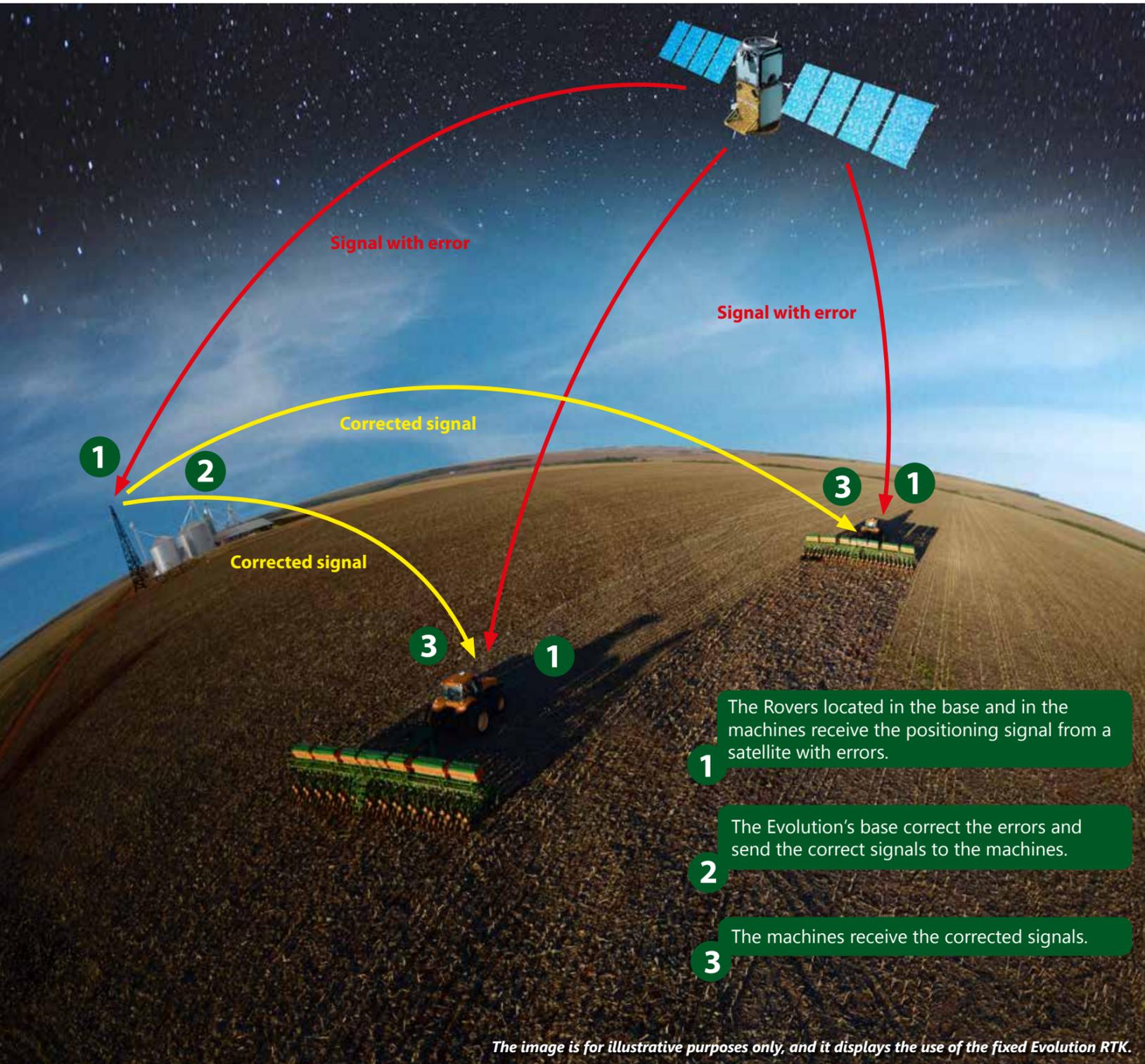
# EVOLUTION RTK

The Evolution RTK is the first signal correction system developed for the agriculture by a Brazilian company. It works with fixed or mobile bases according to the relief and the distance between areas. In places with relevant obstacles between the machine and the base, the Evolution have fixed or mobile repeaters that has the function of amplify the signal's range.

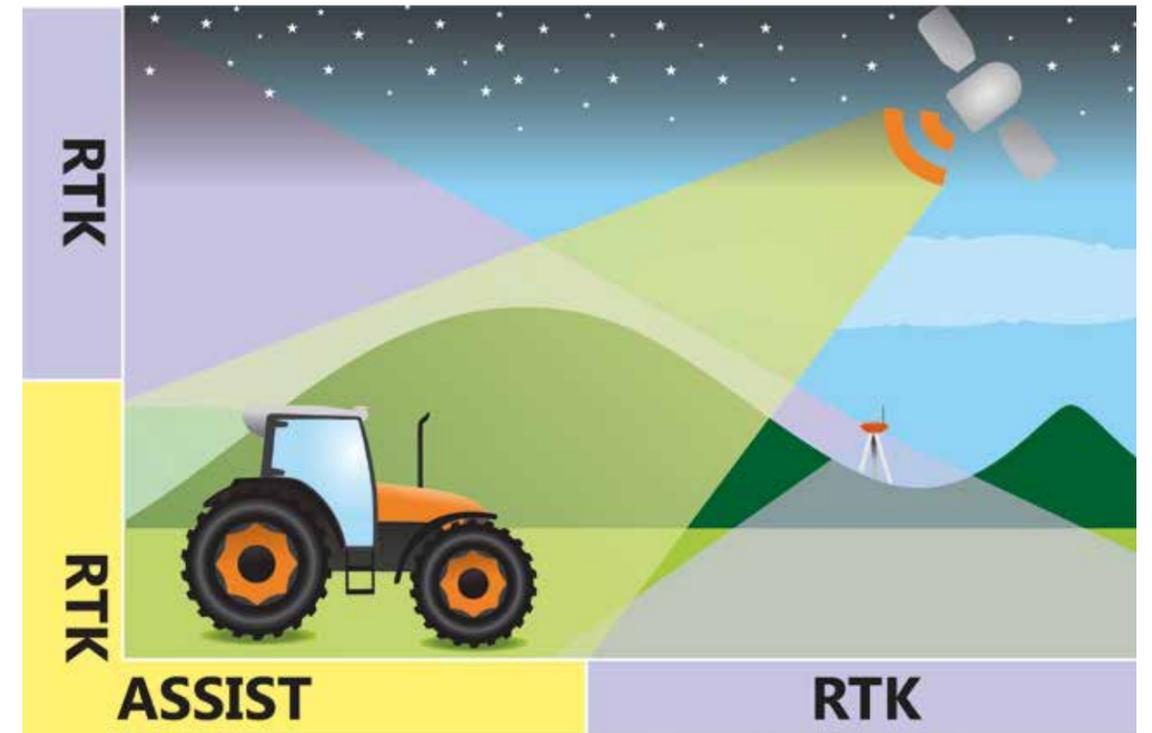
Its precision can be up to 2,5cm on the major part of time, with a signal coverage radius up to 25km from the base\*.

The RTK is the solution to implant more precision in the jobs of the plantation, decreasing costs and increasing the operational yields, providing more quality in the planting, spreading and spraying.

The Evolution RTK is one certified product by ANATEL – National Agency of Telecommunications. The Evolution RTK is compatible with the Topper 4500 and Topper 5500.



- 1 The Rovers located in the base and in the machines receive the positioning signal from a satellite with errors.
- 2 The Evolution's base correct the errors and send the correct signals to the machines.
- 3 The machines receive the corrected signals.



## Options:

RTK Fixed Base or RTK Mobile Base

## Optional items:

Repeater Kit  
Annual subscription RTK Assist\*\*

## RTK Assist subscription:

The RTK Assist subscription is an optional item that may be used whenever the machine loses contact (sight) with the RTK base for a short time, exempting the use of a repeater. For example: applications behind constructions or woods. The RTK Assist subscription may be contracted for machines that receive RTK signal and are equipped with **Topper 5500**. This way, for up to 20 minutes, the machine may lose contact with the base and still keep a centimeter precision, very similar to RTK signal.

\* Depending on the distance and the relief it is necessary to use a repeater or a subscription RTK Assist.

\*\* The subscription must be renewed annually and one license per machine that receives the RTK signal must be contracted.

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