

RTK.World

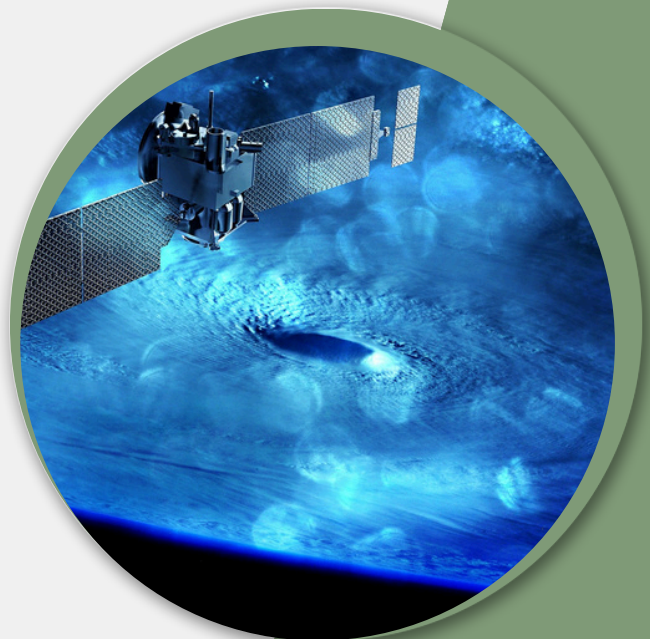
GNSS Correction Data Service

Highly precise satellite-based position data is essential for the development of driver assistance systems and especially for autonomous driving. It is therefore no longer sufficient to provide this only on the test site. With the RTK.World service, DTC offers a worldwide, cross-border GNSS correction data service!

With a specially developed mobile radio modem and a Europe-wide valid SIM card, you can receive the RTK.World correction data service, which enables the GNSS receivers or inertial navigation sensors to achieve a position accuracy in the 1 cm range on a wide variety of test sites or when crossing borders without any measures (reconfiguration, changing modems, etc.).

The RTK.World network consists of thousands of GNSS reference stations installed worldwide with three frequencies and full constellation. RTK.World enables a centimeter-accurate RTK fix and is constantly expanding its worldwide network of reference stations. These are monitored around the clock and referenced using Precise Point Positioning (PPP). The RTK:World network provides the correction data via the NTRIP protocol and adheres to the internationally recognized RTCM3.2 protocol. RTK.World uses the ITRF 2014 Earth model worldwide. In the USA, NAD83 2011 is used.

Contact us if you are interested in further information.



The World's largest reference station network

Web3.0 Blockchain-based, highly reliable RTK Network

Corrections for Full GNSS Constellations

Over 10.000 Base Stations worldwide

Network growing daily

Horizontal accuracy in the 1cm Range

RTCM 3.2-Protocol

Used for international stations RTK.World ITRF 2014

Used in the USA RTK.World NAD83 2011

Worldwide use without changing credentials