



EaseNTRIP

Bridge for centimetric tracking

For tracking systems requiring a high **positioning accuracy** (also called centimetric positioning), the GPS only is not enough.

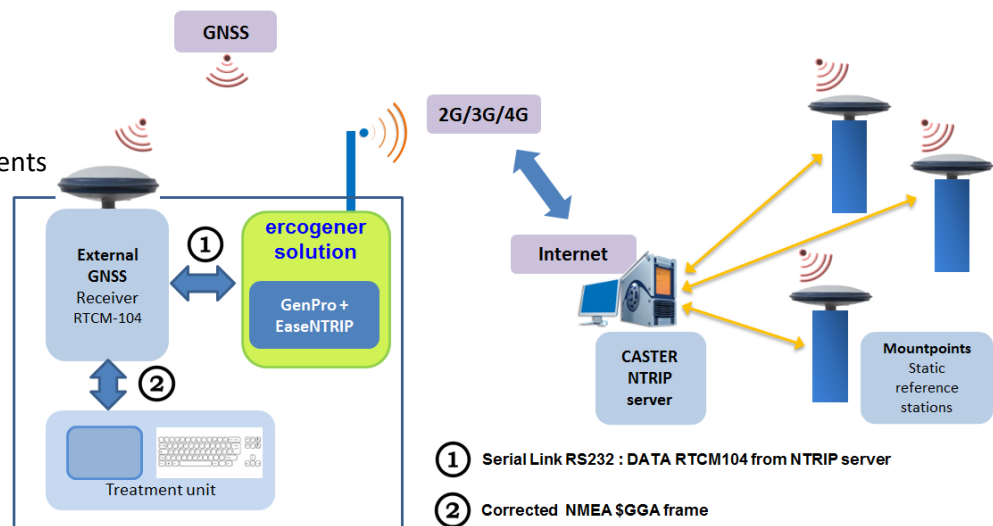
Our offer of NTRIP⁽¹⁾ bridge [**EaseNTRIP + GenPro**⁽²⁾] ensures a real-time connection (4G/3G/2G) to a RTK⁽³⁾ data service and sends to the tracking equipment⁽⁴⁾, via its RS232 serial link, the correction frames according to the RTCM-104 protocol.

This correction allows obtaining a positioning accuracy of a few centimeters.

⁽¹⁾ Networked Transport of RTCM via Internet Protocol - ⁽³⁾ Real Time Kinematic - ⁽⁴⁾ Client equipment compatible RTK (RTCM-104) via RS232

Sectors:

Agriculture
Public works
Topographic measurements



The user must be equipped with:

- A tracking equipment compatible with the RTK **RTCM-104** protocol and equipped with a **RS232** serial port for the receipt of correction data transmitted by the GenPro.
- A SIM card with a subscription including a data plan adapted to the data consumption required by this service.
- A subscription to a data service of RTK correction (NTRIP CASTER)

The EaseNTRIP application is developed with our **EGM™** (ErcogenerMiddleware) development environment

The EaseNTRIP application requires a license and an activation software key (contact us)

Descriptions and non-contractual illustrations in this document are given as an indication only.
ERCOGENER reserves the right to make any modifications

(2)EaseNTRIP is available for the products GenPro 4G, 3G and 2G:

Mono SIM

GenPro 425e (4G)



Features

Configuration :

- Local setting with AT commands
- Protection with password (local and remote)
- Remotely by SMS:
 - o Protection with password
 - o Protection with authorized numbers
 - o Remote update of application via FTP (DOTA)

Protocols

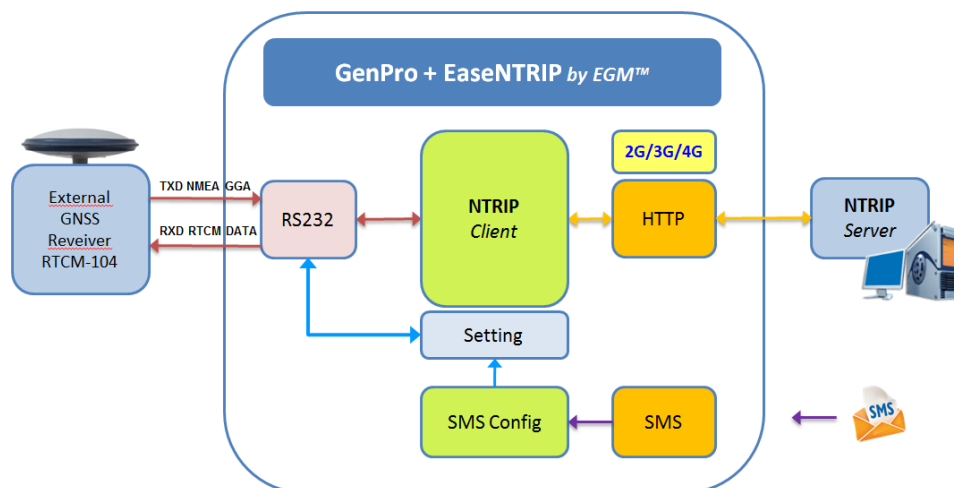
- TCP/IP HTTP
- RTCM-104 2.1 / 2.3 / 3.0

Communication:

- Automatic management of PIN code
- RS232 serial link configurable (19,2 kbps by default)
- Compatible with networks 4G, 3G an 2G
- Roaming management
- Automatic management of Mountpoints selection
- Connection to NTRIP server:
 - o Permanent
 - o Upon detection of GGA frames sent by external equipment.

Low-power mode:

- Automatic sleep mode in case of prolonged inactivity



Descriptions and non-contractual illustrations in this document are given as an indication only.
ERCOGENER reserves the right to make any modifications