

InspectRTCM



The InspectRTCM software allows content analysis and verification of different GNSS real-time data streams. The data formats currently supported are: RTCM 2.x, RTCM 3.x, CMR and CMR+. The InspectRTCM tool shows the contents of all input data as ASCII text and prints the transmission delay of the individual data sets.

InspectRTCM is an excellent tool for GNSS service providers to verify the supplied correction data due to its independence from the data generating source. Customers of GNSS services can use InspectRTCM for analysing purposes. On request we offer a test version of this software.

Selected features of InspectRTCM:

- Real-time visualisation of original RTCM data
- Support of RTCM versions 2 (2.0, 2.1, 2.3) and 3 (3.0, 3.1)
- Support of CMR, CMR+ and RTCA data (SISNeT and NovAtel formats)
- Automatic identification of RTCM data formats
- Display of recorded/logged data for analysis
- Control of system time delay
- Support of TCP data streams
- Ntrip support
- Support of Ntrip VRS via NMEA
- LINUX or Microsoft Windows operating system

Alberding-Caster



The Alberding-Caster is a next generation Ntrip Caster software. Support of the Ntrip 2.0 protocol reduces existing troubles with proxy servers and firewalls. Many additional use cases that rely on mobile Internet connections (GPRS, UMTS) become more reliable. Support of multiple ports and different domain names is one of the important features of this caster solution. This allows to handle different applications and user groups using only one software installation. The administration efforts for providers and configuration efforts on the user side will be reduced. The caster offers many possibilities to control and restrict user access.

For real-time monitoring of the caster a web interface is included. High performance and stability as well as low system requirements are the key features of this caster solution.

Selected features of the Alberding-Caster:

- Supports Ntrip 2.0 (better handling of proxy servers, firewalls, ...)
- UDP support
- Rebroadcasting of data from other casters
- Support of multiple ports
- Virtual casters
- Low system requirements
- Minimal latency times
- No problems with lots of parallel requests
- Multiple control options and restrictions for user access
- Individual user names and passwords possible for each data stream
- Configurable without connection aborts

