

Key features

Input data:

- GNSS raw data from several manufacturers e.g.: Trimble, Leica, Javad, NovAtel, Ublox, Septentrio, Ashtech, Topcon, Sirf, ...
- GNSS raw data in standardised RTCM format (2.x and 3.x)

Output data:

- GNSS data in RINEX format (Version 2.10 - 3.04)
- Hatanaka and GNU gzip compression

Characteristics:

- System setup via configuration file
- High system performance due to multi CPU-core usage
- RINEX header data import from a database
- RINEX header consistency check
- Completeness check of generated RINEX files
- Prioritisation of converting tasks
- Processing of delayed raw data inputs
- E-mail notification on system failures, completeness problems and RINEX header inconsistencies
- Available for many LINUX distributions

Automated and monitored generation of RINEX files

The software was developed for GNSS service operators that provide RINEX files for post-processing applications.

manyRINEX supports automatic generation of RINEX files from GNSS raw data or RTCM data. System setup via a single configuration file, RINEX header consistency check, completeness check of the output files and automatic alarming are helpful features for system operators.

By supporting different GNSS raw data formats and RINEX formats, manyRINEX provides a high degree of flexibility. The use of multiple CPU cores enables high performance through optimal hardware workload.

Workflow

