Wireless GNSS Sensors

IGS Data (rt/hourly/daily)

Broadcast Navigation Message

Precise Satellite Orbits

Precise Satellite Clocks

Earth Rotation Parameters

Antenna Calibrations

Ionosphere Data

GNSS Post-processing Toolchain

RTKLIB 2.4.3 (free, open-source)

Bernese 5.2 (licensed)

Processing configuration per baseline pair

Daily Coordinates

Solution accuracy depends on
- Measurement duration
- Baseline distance
- Availability of observation data

IGS Final – ~17 d
IGS Rapid – daily
IGS Ultra-rapid – 3 hourly

Typical pos. accuracy: SD ~1–2 mm