

SPACE

Virtual reference station service

What is GMV's virtual reference station service?

- Service provided by GMV **24/7, 365 days**, capable of providing accurate and reliable GNSS virtual observations.
- Service processing hosted within **redundant physical processing centers** on different continents.
- Coverage within **Europe and North America regions**, up to 25km offshore.
- **Instant access to accurate RTK corrections.**
- Virtual observations in **RTCM MSM format** for compatibility with RTK users.
- Based on GMV's **SSR20SR** library.
- Virtual networks **tailored per customer** in terms of density and coverage.

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What makes our service different?

- **User Tailoring:** Do you need a more dense grid? Any specific coverage area? Let us know!
- **Will to improve:** Our engineering Support Team is not only there to assist you, but to gather your insights with the aim of move our service closer to the users' needs.
- **SSR-based:** Our VRS service relies on our own SSR corrections, reducing the risk of service outages or performance issues due to physical stations' failures.

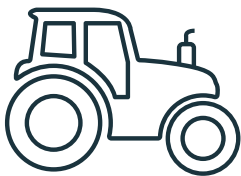
What is our commitment?

- | | |
|--------------------------|--------------|
| ■ Horizontal Accuracy * | < 3 cm (95%) |
| ■ Vertical Accuracy * | < 6 cm (95%) |
| ■ Convergence Time | <25 s |
| ■ Service Availability | > 99,9 % |
| ■ Observation Resolution | up to MSM7 |

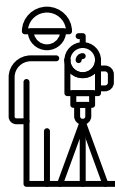
* Nominal accuracy achieved with a geodetic GNSS receiver under open sky conditions at GMV's premises in Madrid



Applications & uses



AGRICULTURE



SURVEYING



CONSTRUCTION



UAVs