

# Product Bulletin

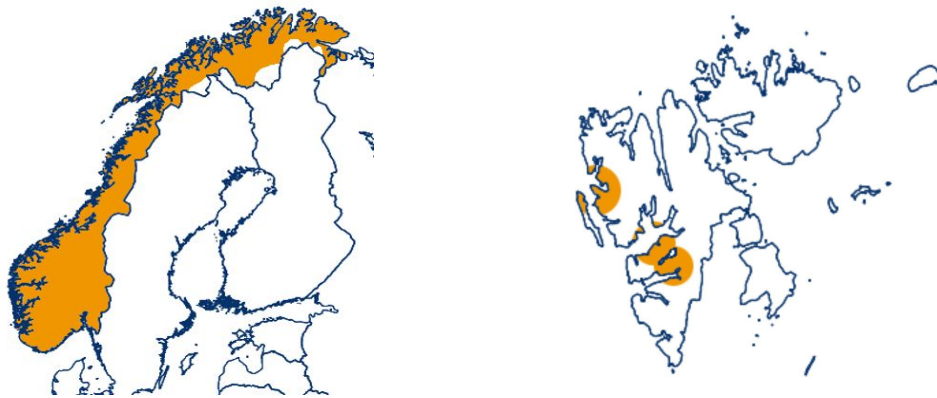
Trimble Advanced Positioning  
November 2020  
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**TRIMBLE USERS**

## TRIMBLE VRS NOW NORWAY INFORMATION

As part of an ongoing real-time GNSS correction services expansion strategy, Trimble is pleased to announce the availability of Trimble VRS Now™ service in Norway. Trimble VRS Now delivers 2cm horizontal accuracy with instant access to corrections delivered over IP/cellular network. The Trimble VRS Now real-time GNSS correction service is ideal for a variety of geospatial and construction applications, including surveying, cadastral, land administration, urban and rural construction. Trimble VRS Now is powered by the Trimble Pivot™ Platform, the only Virtual Reference Station (VRS) network software that supports GNSS multi-constellation corrections including network modelling of Galileo and BeiDou. Tracking Galileo and BeiDou adds more satellites to the solution and improves GNSS network performance and reliability particularly in urban canyons or other harsh environments.

This 400,000-square-kilometer addition increases the Trimble VRS Now European footprint to 2.5 million square kilometers and enables users to purchase GNSS hardware, VRS corrections and services via a single source, simplifying the process for our customers.

At Trimble, we know that customer service and network availability around the clock is a priority for our customers. Trimble VRS Now networks are supported 24/7/365 by a global team made up of GNSS system engineers, geodesy experts, IT professionals, and customer service experts to ensure our users have high performing, consistent and reliable service whenever you need it.



Trimble VRS Now corrections are available for Norway mainland (left) for both RTK and DGNS; NN2000 transformation is optional. For Spitsbergen/Svalbard (right), corrections are available as a nearest-base RTK solution.

<https://positioningservices.trimble.com/>

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This bulletin provides details on the following:

- Coverage area
- Available services
- Mountpoint name and correction stream details

### Ordering information

Subscriptions can be ordered by contacting your local Trimble Geospatial Dealer, Norgeodesi.

### Part numbers available for coverage in Norway:

Part Number	Service Description
79780-71-SIM	Survey Regional VRSNow RTK GNSS 1 Year (with SIM)
79780-71	Survey Regional VRSNow RTK GNSS 1 Year
79780-74	Survey Regional VRSNow RTK GNSS 100 Hour (1 Year Limit)
79780-42	Survey Regional VRSNow DGNS 1 Year*

\*includes access to Post-Processing data download

New subscriptions will be active from the day of purchase and run for the duration specified in the part number description. These part numbers provide access to the Norway coverage areas shown on the coverage map above.

**Connection information:**

Use URL [ntrip.vrsnow.no:2101](https://ntrip.vrsnow.no:2101) and select the respective mountpoint for a specific format. The corrections are available in EUREF 89.

**VRS and DGNSS corrections for Norway mainland:**

Port	Mountpoint name	Format	Satellite Systems
2101	TVN_CMV_X	CMRx	GPS,GLO,GAL,BDS
2101	TVN_RTCM_32	RTCM 3.2	GPS,GLO,GAL,BDS
2101	TVN_RTCM_31	RTCM 3.1	GPS,GLO
2101	TVN_RTCM_32_Trafo_NN2000	RTCM 3.2	GPS,GLO,GAL,BDS
2101	TVN_DGNSS	RTCM 2.3	GPS,GLO

**Nearest-base (single-base) corrections for Spitsbergen/Svalbard:**

Port	Mountpoint name	Format	Satellite Systems
2101	Svalbard_CMV_X	CMRx	GPS,GLO,GAL,BDS
2101	Svalbard_RTCM_32	RTCM 3.2	GPS,GLO,GAL,BDS
2101	Svalbard_RTCM_31	RTCM 3.1	GPS,GLO

**Post-Processing Services:**

Address	Function
<a href="https://vrsnow.no">https://vrsnow.no</a>	Web access and post-processing data download

**Additional Information**

For additional information on Trimble VRS Now in Norway, please visit:

<https://vrsnow.positioningservices.trimble.com/>

Contact Trimble Correction Services Customer Care:

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Email: [eu\\_corrections@trimble.com](mailto:eu_corrections@trimble.com)

<https://positioningservices.trimble.com/>