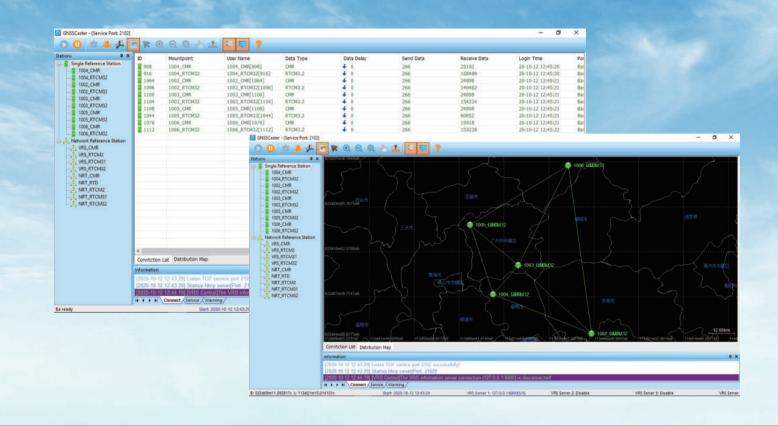
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## **GNSS.NET**

### VRS Management Software

GNSS.NET is the software to combine multiple base stations as a network providing VRS service. It includes functions such as station management, user management, physical base station data transmission, VRS service, coordinate system transmission. The system includes two parts "GNSS.NET Reference Data Process Center" and "GNSSCaster". The first part software is used to manage reference stations and connect all stations as a network to provide VRS service. The second part software is used to create mountpoints and manage user account.

# **Features**

#### The GNSS.NET includes two parts:

GNSS.NET Reference Data Process Center Reference Station Management	
Station Coordinate	Manual input
Station Coordinate Type	Geocentric coordinate, Geodetic coordinate
Export Stations	KML, DAT
Export Configuration	Support
Station Number	At least 5 stations, depend on the subscription
System Setting	
Virtual Reference Station	Support
Nearest Reference Station	Support
Recording Observation	Support
	, ···
Network Configuration Parameter	Maximum distance between stations
Supported Parameters	Minimum distance between stations
	Range of physical base station
	Virtual base station network expansion distance
<b>Data Format</b> Supported Constellation	GPS, BDS, GLONASS, Galileo
Supported Formats	CMR, RTCM2, RTCM23, RTCM31, RTCM32 MSM4
Broad Ephemeris	Support
Precise Ephemeris	Support
Station View	
Station Satellite Map	Support
View Stations in List	Support
	Support
View Stations in Map	Support measuring distance
	GNSSCaster
GNSSCaster Function	
User Number	No limitation
User Authentication	Support
GGA Track Log	Support
Coordinate System over RTCM	RTCM1021~1024
Coordinate System Parameter	Ellipsoid parameter
	Projection parameter
	Seven parameters
	Geoid parameters



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