

TRIMBLE VRS³Net APP TECHNICAL NOTES



The Trimble® VRS³Net™ App is a unique application designed to optimize the performance and reliability of real-time networks. VRS³Net enables real-time network operators to build stable GNSS networks that are capable of providing continuous Real Time Kinematic (RTK) corrections and postprocessed data to an unlimited number of users in a coverage area. This app implements Trimble's exclusive virtual reference station technology. VRS³Net operates on the Trimble Pivot™ platform, the foundation for multiple Infrastructure apps that serve various markets and their specific needs.

TRIMBLE VRS³Net APP

Trimble understands that a stable network with predictable performance is critical to the success of any project. That is why as the industry leader, Trimble diligently gathered extensive feedback from customers using RTK solutions worldwide to understand the market requirements and develop the most advanced network software on the market today, designed exclusively for new and existing Trimble VRS™ network owners and operators.

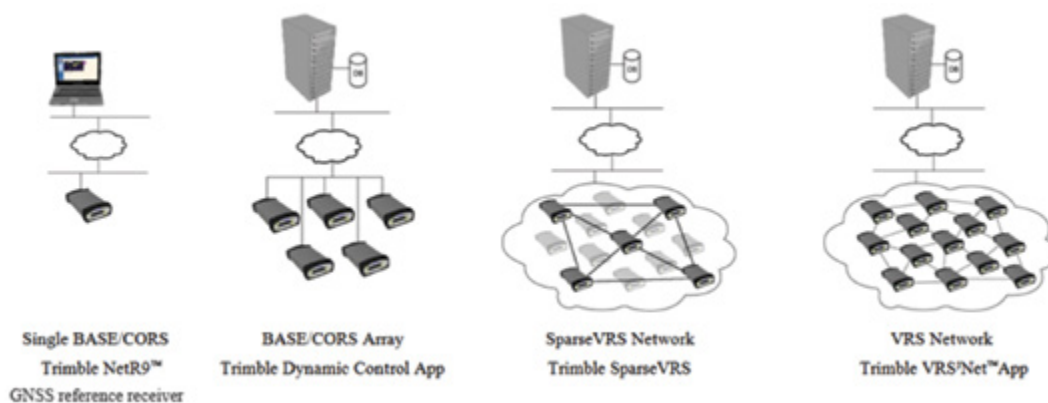
The Trimble VRS³Net App enables an RTK network operator to manage hundreds of reference stations across any geographic area. It also allows operators to build stable networks that are capable of providing continuous RTK corrections and postprocessed data to an unlimited number of users across a coverage area. It has been demonstrated repeatedly that the cost savings and return on investment from a VRS network is significant, and investing in one that will grow with your specific needs has numerous benefits. Let Trimble's experience, quality, and proven product performance help streamline your network and decrease your overall network operating costs both today and in the future.

Typical Applications

- Cadastre
- Mapping and GIS
- Precise Farming
- Construction
- Geodetic Control
- Marine
- Utilities



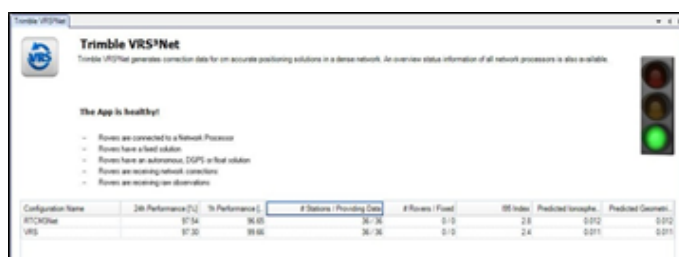
Typical applications



Scalable Trimble Infrastructure Solution

VRS³Net APP STATUS VIEW

Application health status information is provided at a glance for all activated apps running under the Trimble Pivot platform. The VRS³Net App Status View assists the operator in analyzing critical and non-critical situations in real-time to better assist field end users. The interactive view allows for sophisticated drill-through status selection. This smart feature will point to the exact module and functionality you want to analyze. The traffic light indicator provides high level application status feedback.



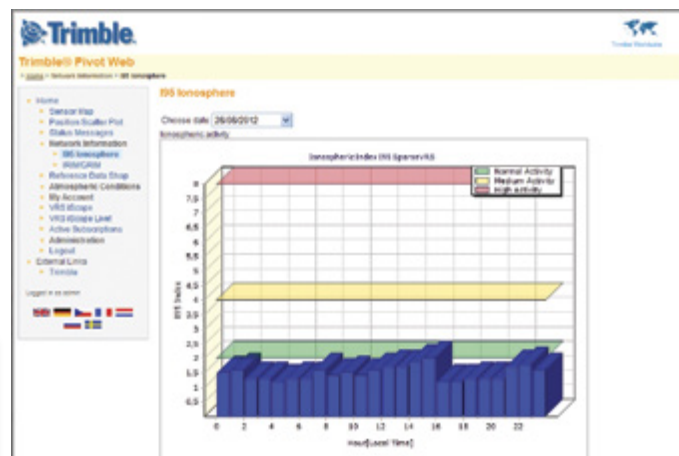
VRS³Net App Status View on the Pivot platform

AVAILABLE FEATURES

Feature	Explanation
Future Proof Guarantee	Sophisticated atmospheric modeling • Ionosphere • Troposphere Multi satellite constellation support • GPS • GLONASS • QZSS
Multiple Network Data Options	Real-time network technologies • VRS (RTCM and CMR) • Master Auxiliary Concept • FKP

VRS³Net PAGES ON TRIMBLE PIVOT WEB APPLICATION

The Trimble Pivot platform includes a basic web installation. Some licensed apps add their own web pages, providing additional functions. The Trimble VRS³Net App provides web pages with information on the ionosphere activity in the network. The ionosphere activity is visualized through the I95 Index and the ionospheric residual integrity monitoring and geometric residual integrity monitoring values. The information on the network enables the end customer in the field to judge the quality of the correction data and its results. The graphics offer an interactive interface, to allow a user to select the information for a customized time.



I95 Index in Trimble Pivot Web Application

ORDER INFORMATION

Default Configuration	Part Number
Trimble VRS ³ Net App	96802-10
Optional Functions*	Part Number
Sparse GLONASS Support	96802-11
RTCM3Net processing	96802-12
QZSS Processing (Network)	96802-13

**May be included for an additional charge*

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