



Network corrections are measured by the performance observed by users in the field. The Trimble® Rover Integrity App is designed to continuously monitor and analyze the positioning performance obtained at fixed location rover sites to verify correction data quality. The Trimble Rover Integrity App operates on the Trimble Pivot™ platform, the foundation for multiple Infrastructure apps that serve various markets and their specific needs.

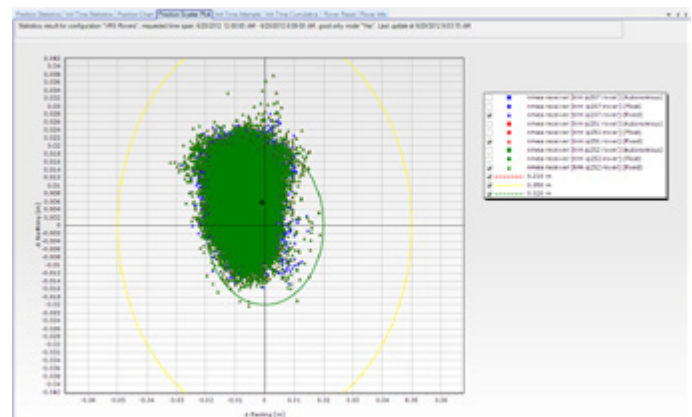
TRIMBLE ROVER INTEGRITY APP

Network correction quality is measured by the reliability of Real Time Kinematic (RTK) initialization and the quality of positions observed by the user in the field. The Trimble Rover Integrity App allows you to monitor and log the performance achieved by one or more receivers at fixed locations within the network coverage area. Performance depends on various factors including location within the network, sky view, and multipath conditions at nearby reference stations, and the same conditions at the rover site. A network operator may measure performance at existing reference station sites or receivers at other locations selected to represent performance observed by field users.

Position quality is evaluated by comparing RTK positions with fixed reference coordinates for the site. Position statistics are also computed to provide summary performance over a time interval. If initialization performance is being evaluated, the receiver RTK solution is reset periodically, and the time to fix is measured. All data is logged to the Pivot database and is available in Rover Integrity App views and reports.

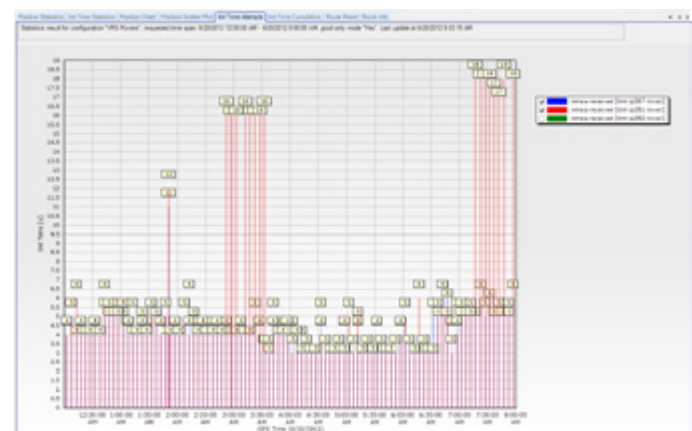
TRIMBLE ROVER INTERGRITY APP STATUS VIEW

Application health status information is provided at a glance for all activated apps running under the Trimble Pivot platform. The Trimble Rover Integrity App provides several views of performance data on all available Rover Integrity Modules installed on the Pivot platform as well as some information about the configuration of the different modules. Plots of RTK position deviation from the site's reference coordinates are available either as time series plots or scatter plots including summary statistics. Any recent or past time interval may be selected for analysis. The historical limit is based on the amount of data storage allocated by the network operator. The App Status View assists the operator in analyzing critical and non-critical situations in real-time to better assist field end users.



The position scatter plot provides an overall summary of performance.

If a receiver is configured to evaluate time to fix initialization performance, tabular views of initialization time or initialization time statistics are available along with a time series view.



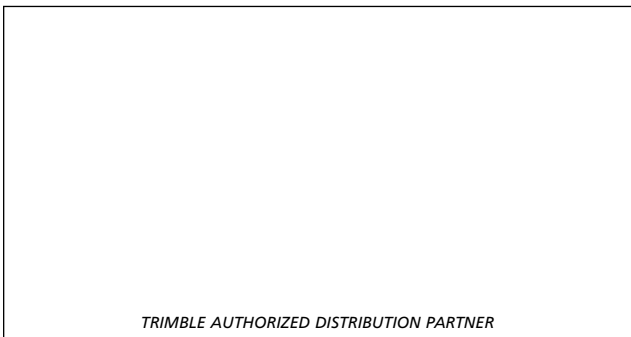
The initialization time series plot may indicate particular times during the day when site or satellite constellation conditions limit performance.

ORDER INFORMATION

Default Configuration	Part Number
Trimble Rover Integrity App	96803-50



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TRIMBLE AUTHORIZED DISTRIBUTION PARTNER

NORTH AMERICA

Trimble Engineering
& Construction Group
10355 Westmoor Drive, Suite 100
Westminster, Colorado 80021 • USA
800-480-0510 (Toll Free)
+1 720-887-6100 Phone
+1 720-887-6101 Fax

EUROPE

Trimble Germany GmbH
Am Prime Parc 11
65479 Raunheim • GERMANY
+49-6142-2100-0 Phone
+49-6142-2100-550 Fax

ASIA-PACIFIC

Trimble Navigation
Singapore Pty Limited
80 Marine Parade Road
#22-06, Parkway Parade
Singapore 449269 • SINGAPORE
+65-6348-2212 Phone
+65-6348-2232 Fax



www.trimble.com