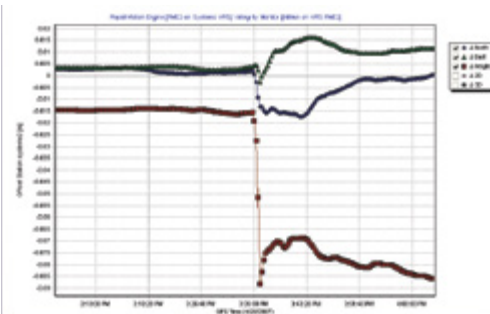**The Trimble® Integrity Manager™ App is a comprehensive application designed specifically to monitor GNSS reference station dynamics through a range of diagnostic tools and alerting options. Trimble Integrity Manager App is based on the Trimble Pivot™ platform, the foundation for multiple Infrastructure apps that serve various markets and their specific needs.**
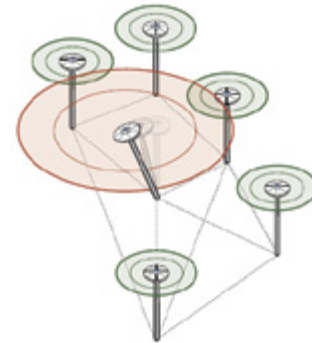
TRIMBLE INTEGRITY MANAGER APP

The goal of integrity monitoring is to detect whether observed points move significantly over time and to understand the trend in the movements to enable users to respond appropriately. The Trimble Integrity Manager App is a proven solution for real-time and postprocessed monitoring of GNSS reference stations.

The Trimble Integrity Manager App has three core integrity functions to enable users to precisely identify how motion is affecting network performance: detection, alarming and measurement. When the integrity of a reference station has been compromised due to station displacement or receiver connection status, The Trimble Integrity Manager App detects both rapid and long-term changes in real-time and, as a result, it will trigger alarms or warnings to notify network operators of the changes. The Trimble Integrity Manager App provides precise measurements of the antenna location before, during, and after the events occur to detect the magnitude of the movements.
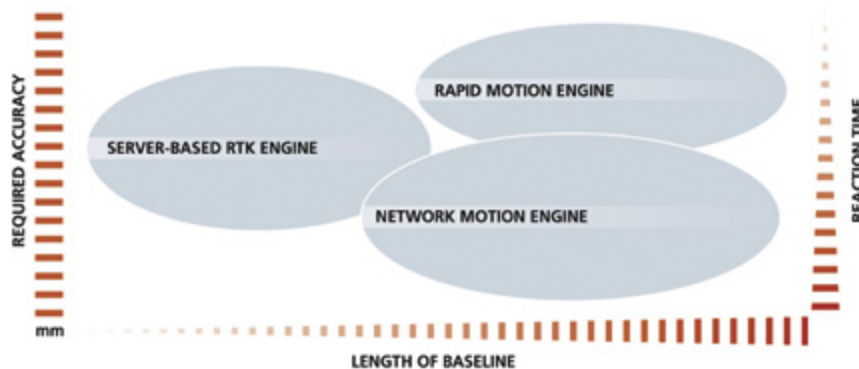

Trimble Integrity Manager App

Trimble Integrity Manager App provides key insight into the overall motion and stability of reference stations.

PROCESSING ENGINES

The Trimble Integrity Manager App provides a complete suite of monitoring and analysis engines to assess the dynamics of a network:

- NMEA Engine
- Server-Based RTK Engine
- Network Motion Engine
- Rapid Motion Engine
- Postprocessing Engine

The combination of motion engines and alarming selections depends on factors such as length of baselines and required time to alarm. Using a custom-configured combination of these engines, The Trimble Integrity Manager App delivers the real-time and postprocessed data to meet a range of needs and requirements.
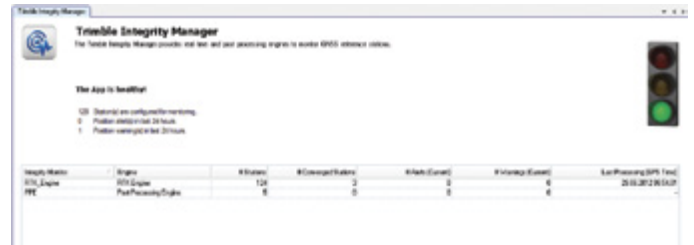

This diagram compares the various thresholds for each processing engine.

TRIMBLE INTEGRITY MANAGER APP STATUS VIEW

Application health status information is provided at a glance for all activated apps running under the Trimble Pivot platform. The Trimble Integrity Manager App Status View provides an overview of all monitoring engines available in the system and their health status. It also provides the number of current available warnings or alarms. The App Status View assists the operator in analyzing critical and non-critical situations in real-time to better assist field end users. This smart and interactive feature will point you to the exact module and functionality you want to analyze. The traffic light indicator provides a high level application status summary
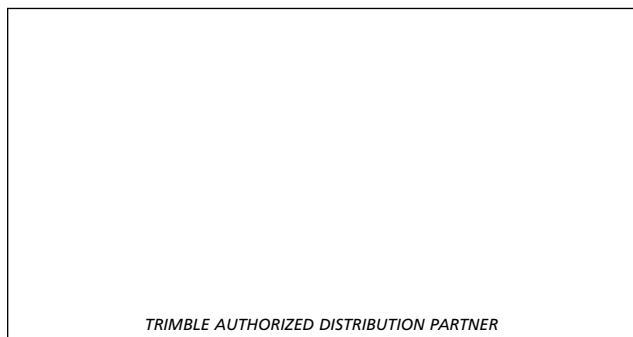

Trimble Integrity Manager App Status View

ORDER INFORMATION

Default Configuration	Part Number
Trimble Integrity Manager App	96806-00

Optional Functions*	Part Number
Real Time Engines	96806-01
High frequency RTK engine	96806-02
Post Processing Engine	96806-03
PVTTIM QZSS support	96806-04

May be included for an additional charge

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