

TRIMBLE DYNAMIC CONTROL APP TECHNICAL NOTES



The Trimble® Dynamic Control App enables users to manage and maintain their array of base stations and Continuously Operating Reference Stations (CORS). The Trimble Dynamic Control App operates on the Trimble Pivot™ platform, the foundation for multiple Infrastructure apps that serve various markets and their specific needs

TRIMBLE DYNAMIC CONTROL APP

The Trimble Dynamic Control App allows users to manage all their reference stations at a glance from one control center. It is the ideal bridge between a single station and a network modeled Real Time Kinematic (RTK) solution.

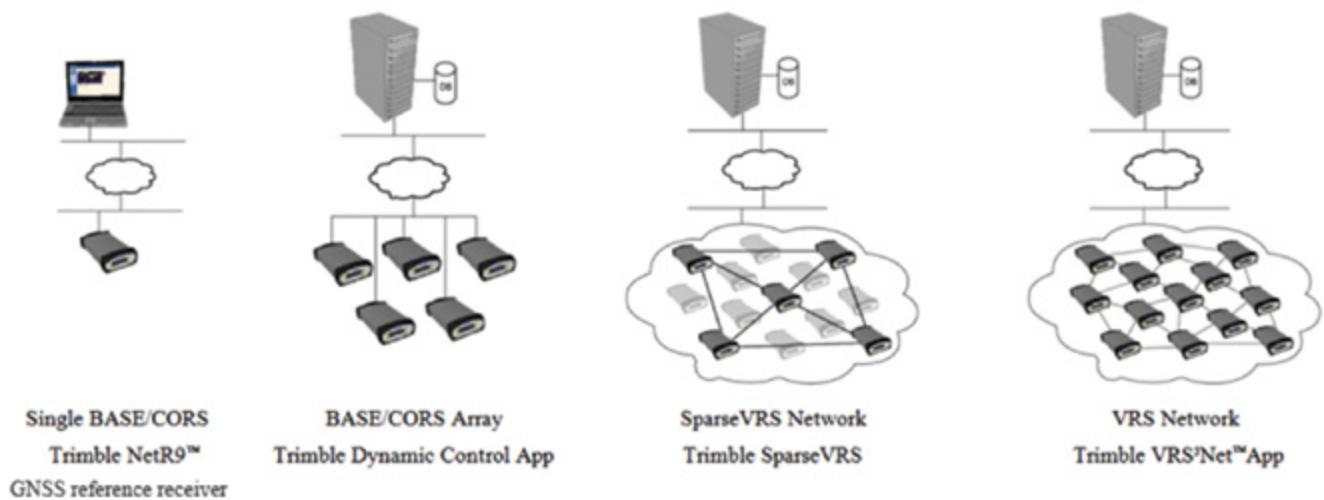
The Trimble Dynamic Control App offers a variety of data formats to stream single station correction data to end users in the field. With the “multi-station” approach, the user in the field will automatically be routed to the “best fit” reference station in the network that is closest to the field user’s location. By simply connecting to the system via the same Networked Transport of RTCM via Internet Protocol (NTRIP) mountpoint, the difficulties of sorting out individual connection details disappears, resulting in streamlined field operations and increased user productivity. In addition, this app supports data logging for postprocessed applications.

TYPICAL APPLICATIONS

- Cadastre
- Mapping and GIS
- Earth Science
- Construction
- Geodetic Control
- Marine
- Utilities



Base / CORS Array



Scalable Trimble Infrastructure Solution



TRIMBLE DYNAMIC CONTROL APP STATUS VIEW

Application health status information is provided at a glance for all activated Apps running under the Trimble Pivot platform. The Trimble Dynamic Control App Status View provides an overview of all installed device managers in the system as well as health status information for all connected receivers, single station Real Time Output (RTO) modules and storage modules. 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 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 Dynamic Control App Status View on Trimble Pivot platform

Feature	Explanation
Multi Satellite Constellation Support	Future Proof guarantee! Constellations include • GPS • GLONASS • QZSS • Galileo • Compass
Various Data Formats	Storage • RINEX (e.g. 3.02) • DAT • T01, T02 • Real-time output • RTCM 2.1, 2.3, 3.1 • CMR, CMR+, CMRx

TRIMBLE DYNAMIC CONTROL PAGES IN 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 Dynamic Control App includes the following web pages:

- Sensor Map
- Map Management
- Position Scatter Plot
- Scatter Plot Management

The various map views within the Web Application offer a selection of multiple map providers, such as Google Maps and Bing. The Sensor Map provides an overview of the network along with status information on the reference stations and the Scatter Plot delivers accuracy information on the stations.

ORDER INFORMATION

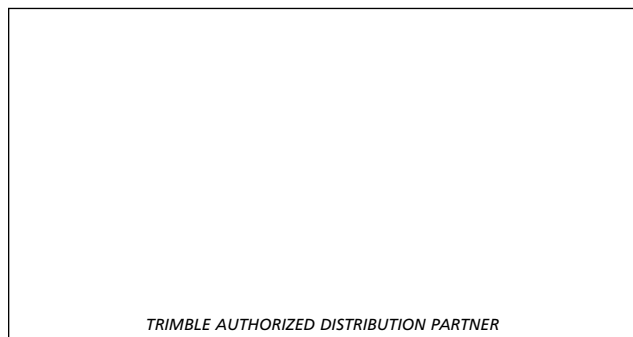
Default Configurations	Part Number
Trimble Dynamic Control App	96801-40

Optional Functions*	Part Number
Redundant communication	96801-55
High frequency data input	96801-56
Advanced Multipath	96801-57
Storage Integrity	96801-58

Expansion Options	Part Number
1 additional Infrastructure receiver node	96801-41
1 additional G1 receiver node	96801-42
1 additional G2 receiver node	96801-43
1 additional G3 receiver node	96801-44
1 additional synchronizer	96801-47

**May be included for an additional charge.*

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