



The Trimble Ephemeris Download App

This application allows users to download important GNSS relevant data files from providers on the Internet via HTTP or FTP. The Trimble Ephemeris Download App operates on the Trimble® Pivot™ platform, the foundation for multiple Infrastructure apps that serve various markets and their specific needs.

TRIMBLE EPHEMERIS DOWNLOAD APP

High accuracy GNSS applications require accurate orbit information to achieve the highest performance during GNSS data processing. This applies to several applications:

- Postprocessing of static positions
- Integrity monitoring of CORS station positions
- Network processing
- Estimation of tropospheric slant delays and IPWV

Some applications require additional quality information about the satellite such as differential code bias information.

The Trimble Ephemeris Download App downloads predicted and precise orbits as well as differential code bias files. It supports different sources for various data types.

Orbits may be retrieved from:

- IGS
- University of Bern
- A backup source if the primary source is not available

Differential code bias files may be retrieved from:

- Trimble
- University of Bern

The Trimble Ephemeris Download App is one of the core Apps required by the majority of Pivot Apps.



The Trimble Streaming Manager App

This application allows users to stream the data from one or multiple Continuously Operating Reference Station (CORS). The Trimble Streaming Manager App operates on the Trimble Pivot platform, the foundation for multiple Infrastructure apps that serve various markets and their specific needs.

TRIMBLE STREAMING MANAGER APP

In a base / CORS array or a GNSS station network, data communication and routing play a key role in the operation of the system. Data needs to be streamed, eventually replicated, shared and controlled.

The Trimble Streaming Manager App is an effective tool that organizes the streaming of the data from the reference station to all software modules using the data. The Trimble Streaming Manager App provides users full control over streaming and the distribution of your reference station data.



Trimble Streaming Manager App Status View on the Trimble Pivot Platform



Trimble Instrument Configurator App

This application allows users to control and manage multiple Trimble Receivers. Trimble Instrument Configurator App operates on the Trimble® Pivot™ platform, the foundation for multiple Infrastructure apps that serve various markets and their specific needs.

TRIMBLE INSTRUMENT CONFIGURATOR APP

System operators managing a Continuously Operating Reference Station (CORS) array or a GNSS station network face the challenges of needing to install, configure and maintain multiple reference station receivers. Depending on the number of CORS stations running in the array / network, an operator can experience a heavy workload keeping all receivers updated and consistent.

Trimble Instrument Configurator App provides users with the ideal tools to reduce workload and increase productivity and efficiency. Trimble Instrument Configurator App offers various possibilities to monitor the current status of reference stations as well as maintaining up-to- date firmware versions by performing automated updates on one or multiple receivers at the same time.

TRIMBLE INSTRUMENT CONFIGURATOR APP STATUS VIEW

Application health status information is provided at a glance for all activated apps running under the Trimble Pivot platform. Trimble Instrument Configurator App Status View provides status information on firmware updates. It assists the operator in analyzing critical and non-critical situations in real-time to better assist field end users. The traffic light indicator provides a high level application status summary.

Station Name	Station Code	Receiver Type	Address	User	Firmware	Update Status
Pfarrkirchen	0265	TRIMBLE NETRS	80		Not Available	OK
Regensburg SAPOS	0269	TRIMBLE NETRS	80		Not Available	OK
Munichen SAPOS	0266	TRIMBLE NETRS	80		Not Available	OK
Viehdorf	0271	TRIMBLE NETRS	80		Not Available	OK
Valmetach	0269	TRIMBLE NETRS	80		Not Available	OK
Pfaffenlofen	0250	TRIMBLE NETRS	80		Not Available	OK
Rosenheim	0272	TRIMBLE NETRS	80		Not Available	OK
Passau	0261	TRIMBLE NETRS	80		Not Available	OK
Landsbut	0266	TRIMBLE NETRS	80		Not Available	OK
Lindau	0262	TRIMBLE NETRS	80		Not Available	OK
Munich SAPOS	0273	TRIMBLE NETRS	80		Not Available	OK
Gunzburg	0274	TRIMBLE NETRS	80		Not Available	OK
Schaffenburg	0267	LEICA GPS12S			Not Available	Fix not updatable
Berchtesgaden SAPOS	0264	TRIMBLE NETRS	80		Not Available	OK
Friedberg	0261	TRIMBLE NETRS	80		Not Available	OK
Aachau	0264	TRIMBLE NETRS	80		Not Available	OK
Katholn-Brantenst	0276	TRIMBLE NETRS	80		Not Available	OK
Erdshard SAPOS	0277	LEICA GPS12S			Not Available	Fix not updatable
Munich-Friedberg	0266	TRIMBLE NETRS	80		Not Available	OK
Stauding	0267	LEICA GPS12S			Not Available	Fix not updatable

Trimble Instrument Configurator firmware update overview

Trimble Instrument Configurator
Trimble Instrument Configurator controls high precision instruments, such as GNSS receivers. It also performs firmware updates through the software.

The App is healthy!

- 2 Device Manager(s) are currently loaded.
- 128 GNSS Receiver(s) are currently loaded.
- 128 Updatable GNSS Receiver(s) are configured.
- 0 Non-updatable GNSS Receiver(s) are not configured.
- 0 Non-updatable GNSS Receiver(s) are currently loaded.

Device Manager	# OK	# Failed	# Not For Release	# Update In Progress	# Update Not Possible
Trimble	127	0	0	0	0
VRScan_Germany					

Trimble Instrument Configurator App Status View on the Trimble Pivot Platform

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