TRIMBLE PIVOT ADMIN TECHNICAL NOTES



Trimble® Pivot™ Admin is a mobile app for administrators of a Trimble Pivot platform installation providing access and maintenance capabilities from a tablet or a smart phone at any time and from everywhere. Pivot Admin provides health status and system runtime information.

PIVOT GOES MOBILE

Trimble Pivot platform introduces the Trimble Mobile Communication App, which enables system administrators to open an interface from their system to the outside world through a relay server hosted by Trimble. Mobile devices (such as tablets or smart phones) that are powered by the Android or Apple iOS operating systems, can now access system information like health states, runtime information, and atmosphere conditions. Two mobile apps are currently available:

- Pivot Admin
- Pivot Field



Pivot mobile apps - on tablet and on smart phones

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PIVOT ADMIN

As the administrator of a Pivot server system, you would like to know at anytime and anywhere, whether your system is up and running without any problems or, if problems occur, what the problems are and its severity to decide whether an immediate interaction is necessary.



Administration pages for Pivot services

The Pivot Admin mobile provides easy access to your server system and gives a full overview on all your servers and Trimble Pivot platform installations. You can see status information of your system as well as health status of the various Pivot apps at one glance, which allows for immediate interaction.

PIVOT ADMIN FEATURES

- · Favorites overview on most important processes and counters on your
- · Combined overview on all distributed environments in your server system
- Server and app health overview
- Control over Pivot services; remote restart possible



Pivot apps health status presented on mobile device

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TRIMBLE PIVOT FIELD TECHNICAL NOTES



Trimble® Pivot™ Field is a mobile app for field users interested in status information from a CORS station network and in atmospheric conditions occurring within the region of the network. Session and subscription information for rovers are provided as well.

PIVOT FIELD

The ionosphere is the upper part of the atmosphere containing huge numbers of ions and electrons. Depending on the solar activity, an ionization of those parts is taking place. Signals travelling through the ionosphere are influenced depending on ionization or disturbances in the ionosphere, also known as scintillation. The performance of certain applications like GPS / GNSS measurements and phone signals are highly influenced by the ionosphere activity.

The Pivot Field mobile app provides status information on ionosphere activity based on a single station and network approach and presents this in graphical form for your current position. The GNSS satellite availability is presented as well.



Pivot Field - Ionosphere activities

PIVOT FIELD FEATURES

- Overview of satellite availability through satellite skyplot
- Overlay maps for Ionosphere Index, Scintillation Index and Total Electron Content (TEC)
- VRS network status information (I95, IRIM, GRIM)
- Rover subscription and session information
- Different access levels; free access provides skyplot and general atmosphere information

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Satellite availability for your location

MOBILE APPS DISTRIBUTION

Pivot Admin and Pivot Field are two mobile apps which can be downloaded free of charge from the Apple App store as well as from the Google Play store.

MINIMUM SYSTEM REQUIREMENTS

- Suported Operating systems:
 - Android version 4.0 or later
 - iOS version 5.1 or later
- Tested Hardware devices:
 - Apple iPhone
 - Apple iPad
 - Samsung Galaxy SII and SIII
 - Google Nexus 7
 - ASUS Transformer Pad TF300T

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