



The Trimble® Mobile Communication App enables the communication between the Trimble Pivot™ platform and various mobile devices. Information submitted through the Mobile Communication App such as system health status, runtime information and atmosphere conditions can be received and visualized on the Pivot mobile apps.

PIVOT GOES MOBILE

Today, when observing people in public locations, it is clear of the increasing value and convenience that technology can provide in almost every aspect of someone's daily activities. Mobile devices such as smart phones and tablets are playing a more important role in our lives and the percentage in ownership of mobile devices is constantly increasing.

In the world of GNSS Infrastructure, the technology advancements in smartphones and tablets enable a completely new media channel of communicating and sharing information between system administrators and end users of systems such as regional VRS™ networks, monitoring systems, or systems deriving atmosphere conditions.

TRIMBLE MOBILE COMMUNICATION APP

The Trimble Mobile Communication App is designed to support the channel of communication and sharing of information between the network administrator and the field end user. With the availability of the Trimble mobile apps, administrators can publish network information to their end users through the mobile apps with the simple activation of this Mobile Communication App.

As an administrator of one or more continuously operating reference stations for various applications, the reliability of having a 24/7 runtime is crucial. Additionally, information on atmospheric disturbances such as ionosphere activities or scintillation is important for the performance of a CORS network. The Mobile Communication App enables administrators to access and monitor the health status, including the atmosphere conditions of his networks and installations at any time on their device, with minimal effort to ensure 24/7 runtime.

The same accessibility to network information is also important for the end user in the field. With the Mobile Communication App activated, the field user can retrieve system information relevant for the field application at any time without the need to first find a way to work with a PC to retrieve the information. By simply downloading Pivot Field free on a smart phone or a tablet, the field user can retrieve the published information directly from the system.

TRIMBLE MOBILE COMMUNICATION APP WORKFLOW

The Trimble Mobile Communication App activates the modules within the Pivot platform and builds the workflow to ensure that information is delivered to the mobile apps. When designing the workflow, an important aspect to consider is the security of the user's Pivot system. To maintain the security of the Pivot system, there is no direct communication link between the administrator's system and the end user's mobile devices. Once the interface is activated by the system administrator, the system administrator also controls the amount and the type of information to publish. The information is then pushed from the administrator's system to a relay server hosted by Trimble. The end user's mobile device(s) with the downloaded Pivot Field mobile app can now retrieve the information from the Trimble hosted relay server.



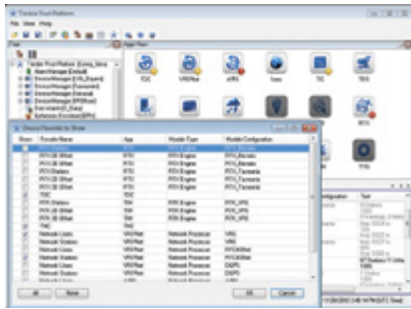
Illustrating the workflow between the Trimble Mobile Communication App, relay server and the Trimble mobile apps.

OVERVIEW OF PIVOT MOBILE APPS

App Icon	Trimble Pivot App	Description	Part Number
	Pivot Admin	Provides the administrator easy access to the server system including a full overview on all servers and Trimble Pivot platform installations.	App Stores
	Pivot Field	Provides the field user various information on Atmosphere condition, satellite availability or subscription and session station.	App Stores

TRIMBLE MOBILE COMMUNICATION FEATURES

The Trimble Mobile Communication App is the interface between your system and the Trimble relay server. In addition, the app configures the published information to be presentable and readable in the different mobile apps.



Configuration of the Pivot Favorites view



Pivot Field Favorites view on mobile devices

The system administrator configures and controls the following:

- For Pivot Admin
 - List of favorites
 - Different user rights
 - System login information
- For Pivot Field
 - Branding
 - Level of user rights
 - Publicly available or hidden access
 - Appearance / level of detail of the system

MINIMUM SYSTEM REQUIREMENTS

- Supported 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

ORDER INFORMATION

Default Configuration	Part Number
Trimble Mobile Communication App	96801-70

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