

Support Bulletin

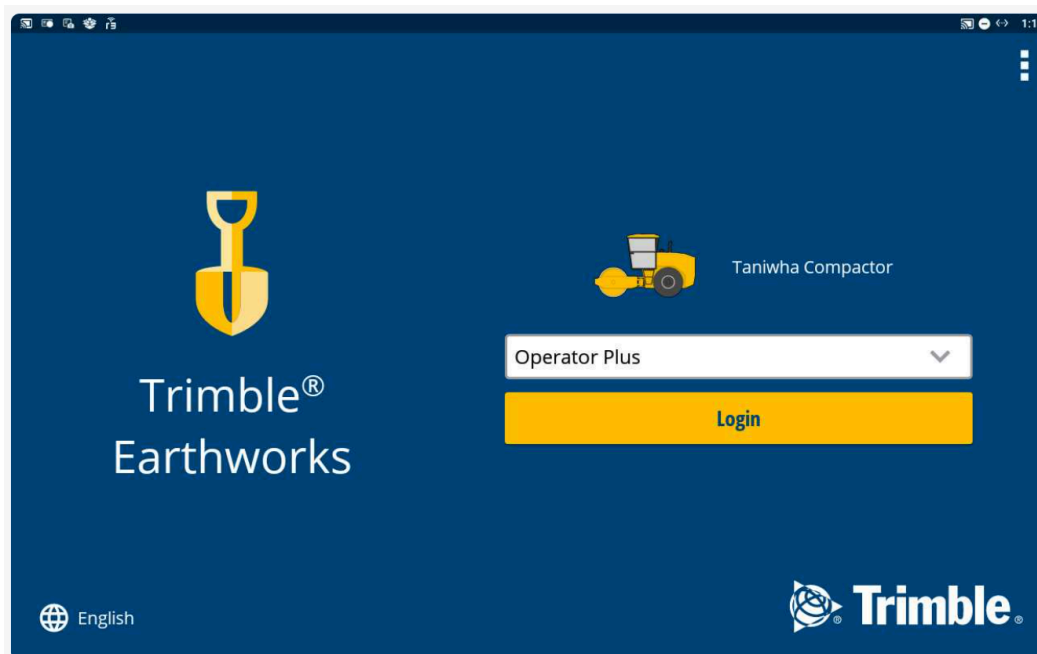
CIVIL CONSTRUCTION

2 OCTOBER 2024

TRIMBLE EARTHWORKS GRADE CONTROL PLATFORM SCREENVIEW REMOTE CONTROL APPLICATION SETUP VIA TRIMBLE WORKSMANAGER SOFTWARE FOR TRIMBLE TD5X0 DISPLAYS

Summary

This document will aid users in the setup and installation of the ScreenView application for Trimble® Earthworks Grade Control Platform displays. For general release information, please refer to the [Product Bulletin](#).



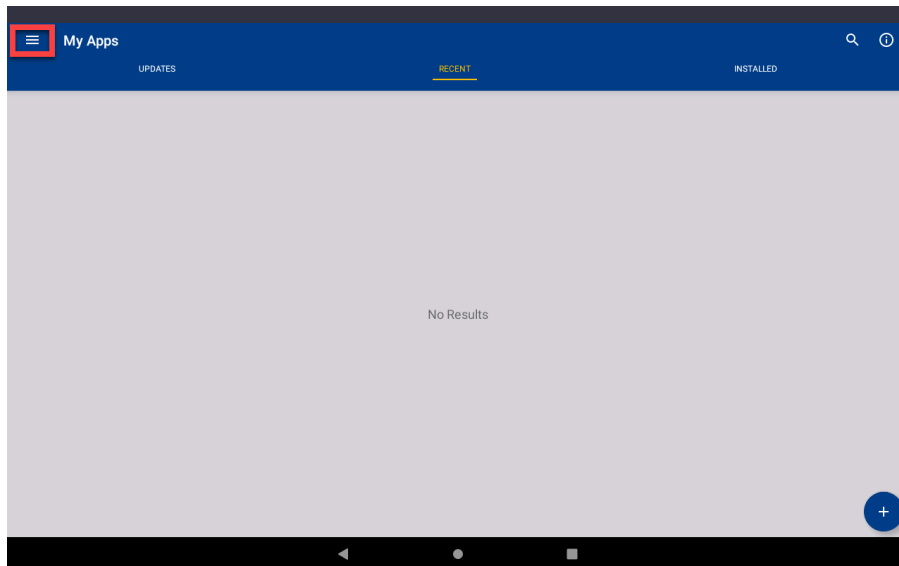
<https://community.trimble.com>

NOTE: For Trimble Siteworks Software ScreenView application setup, please refer to the Siteworks Software [Support Bulletin](#).

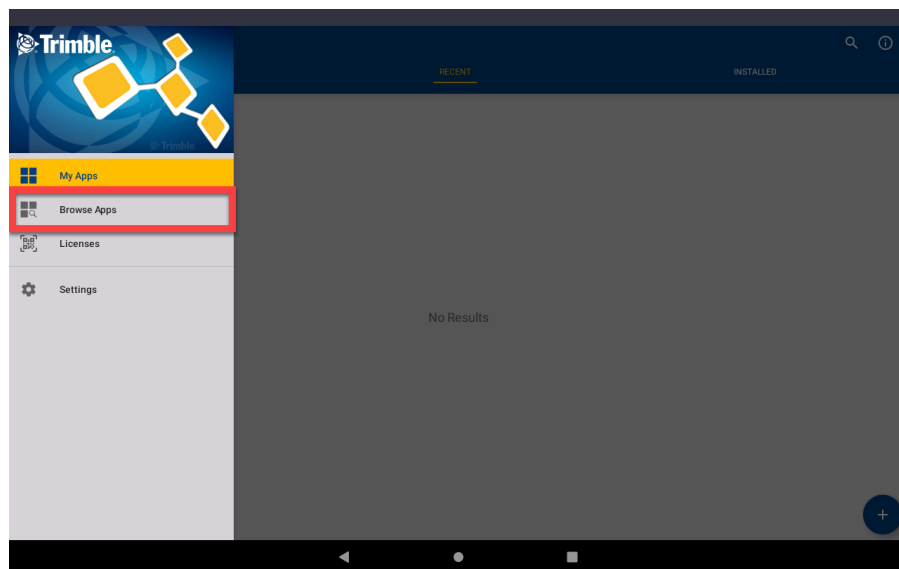
Application download and installation

App Central installation

1. On the TD5x0 Display, open App Central
2. Tap the “hamburger menu” icon in the top left corner



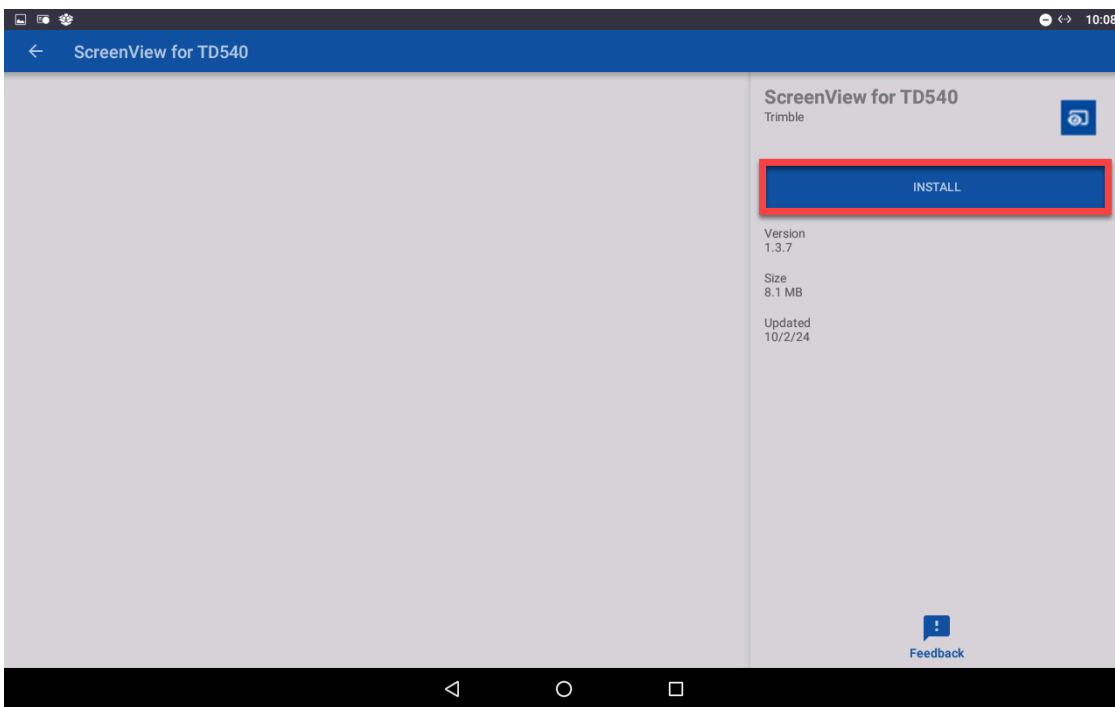
3. From the menu, select “Browse Apps”



4. On the Trimble tab, select "ScreenView" from the list of available apps



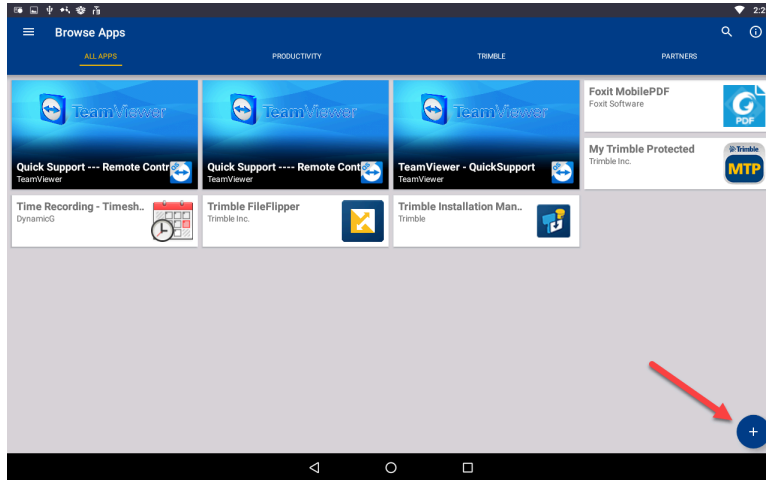
5. In the right-hand pane, select "Install"



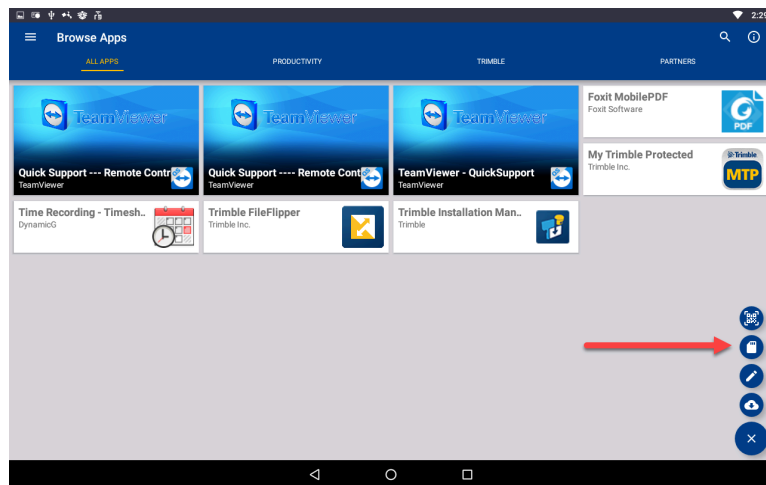
6. Once the download is complete, open the app and follow the steps below in the "Setup and Configuration" section

Sideload installation

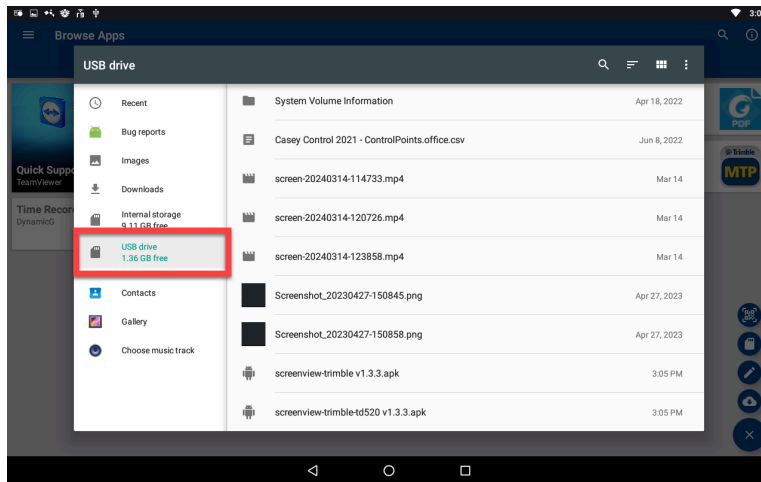
1. Download the latest version of the ScreenView .apk [here](#).
2. Place the screenview.apk file on a USB flash drive and insert the flash drive into your display.
 - a. Trimble TD540 Display install:**
 - i. Open the *Files* application and navigate to your USB flash drive
 - ii. Tap the ScreenView .apk file and install it to the display
 - b. Trimble TD510 Display/Trimble TD520 Display install:**
 - i. Open *App Central*
 - ii. Tap the “+” icon in the lower right corner



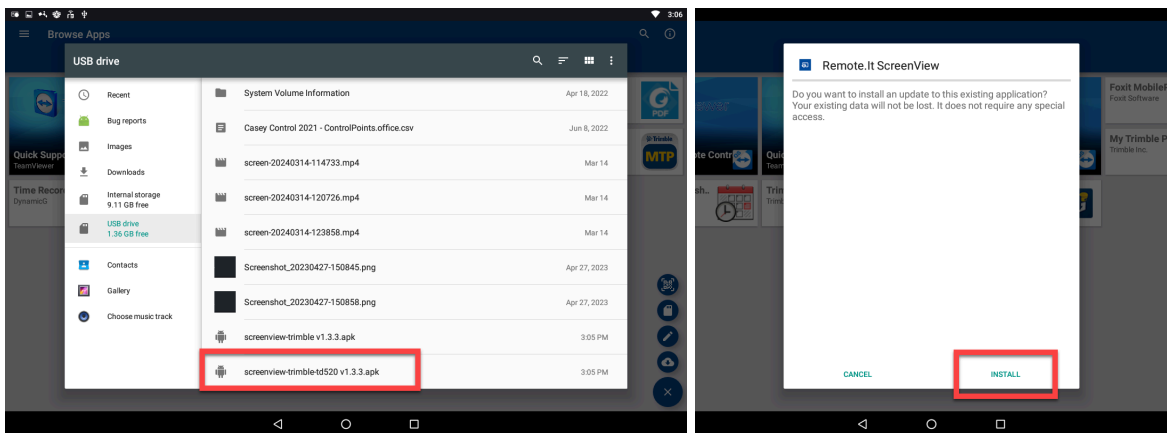
- iii. Tap the “memory card” icon



- iv. Select “USB drive”



v. Select the ScreenView .apk file. When the dialog box pops up, select *Install*



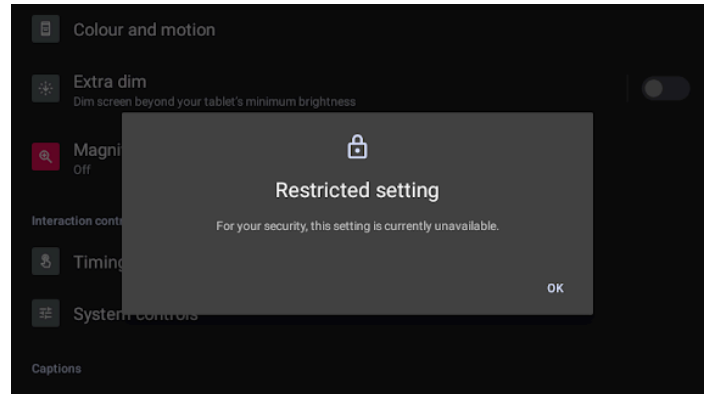
3. Open the ScreenView application

Setup and configuration

1. The following device permissions will need to be granted in order to enable full remote viewing and control functionality:
 - a. View permission - allows the device to share its screen remotely.
 - i. Tap the *Allow Viewing* button to grant access
 - b. Remote control - allows the device to be taken control of remotely. Inputs to the device itself are still valid while remote control is active.
 - i. Tap the *Allow Control* button to grant access. The system's Accessibility settings page will open
 - ii. Open the ScreenView accessibility settings page and turn the setting to **ON**
 - iii. Return to the ScreenView app

- iv. If running a TD540 with Android 13, an issue can potentially occur when attempting to enable remote control via the Accessibility settings. If the following message is encountered, please follow the below steps to disable 'Restricted settings' and enable remote control.

1. Open Settings on the device
2. Go to the Apps section
3. Select the ScreenView app
4. In the upper right corner, tap on the three dots icon
5. Select *Allow restricted settings*
6. Re-attempt the above steps to enable remote control



- c. Keyboard control - allows remote keyboards to provide input to the device while remote control is active.
 - i. Tap *Register Keyboard*. This will allow the system to use the Keyboard for remote typing. You will be taken to the keyboards page where you can enable the Keyboard.
 - ii. Return to the ScreenView app
 - iii. Tap *Select Keyboard*. This will prompt you to change your active keyboard. Select the Keyboard to allow remote keyboard access

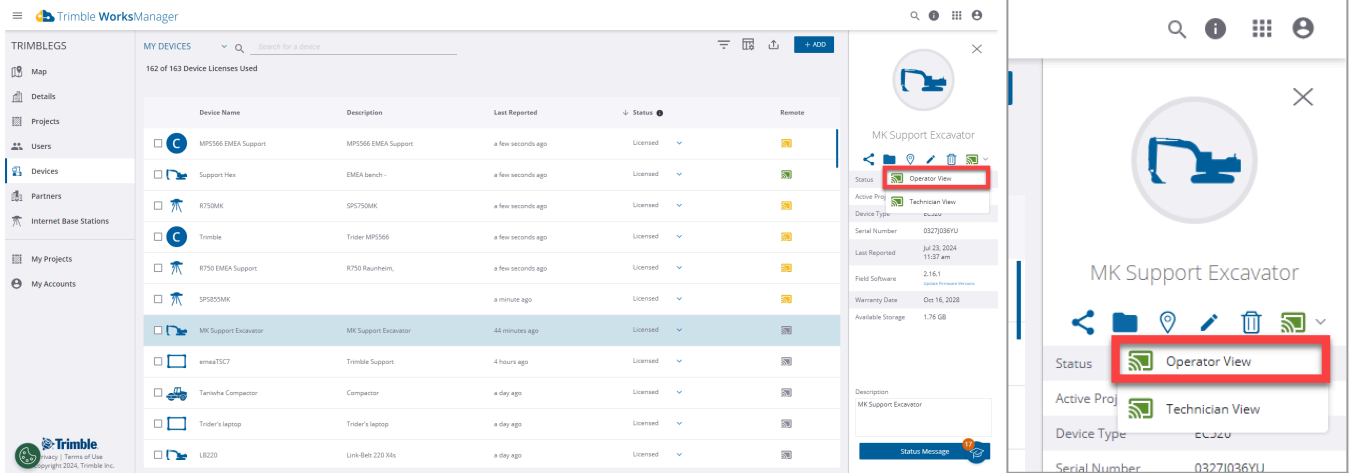
Setup is now complete!

Connecting to the display via Trimble WorksManager Software

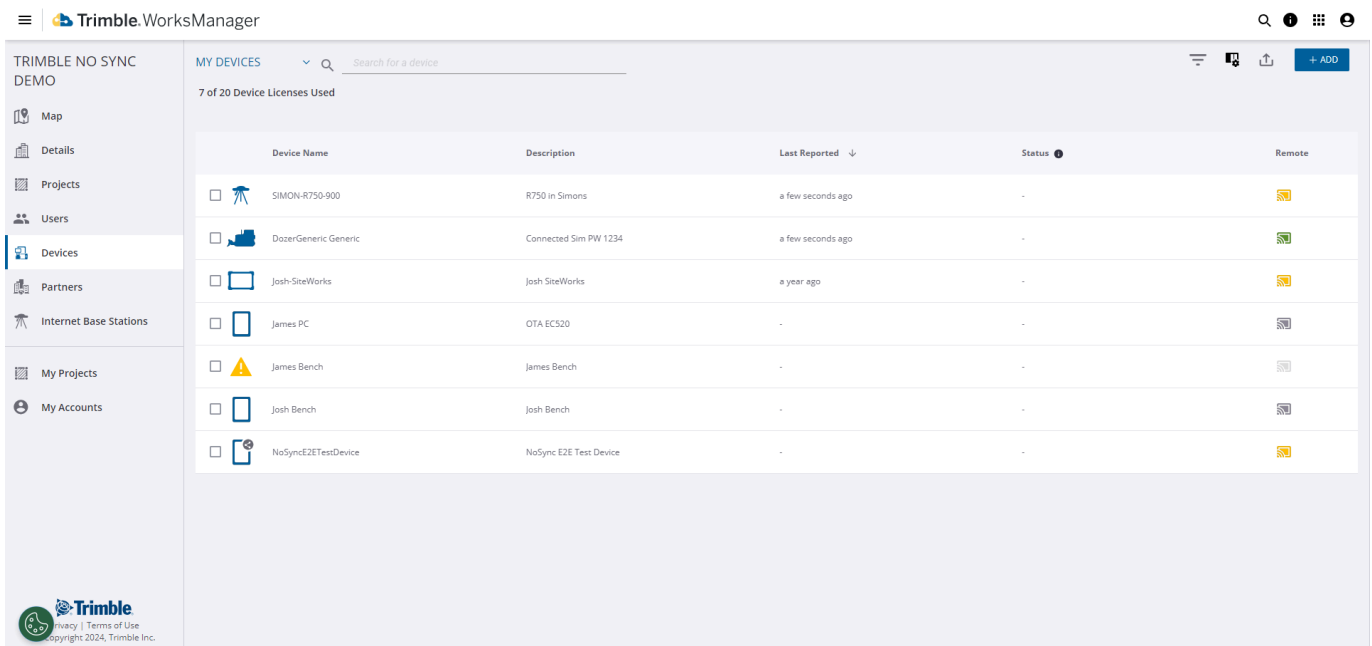
To access the operator view from Trimble WorksManager Software, navigate to:

My Accounts → <Account Name> → *Devices*

Click once on the device you wish to connect to and select the 'Operator View' from the drop-down on the right-hand side as shown below:



Remote view icon colors and status



Devices in WorksManager can have three different Remote icon colors - gray, amber, and green:

- Gray - The device is set up for remote access but is offline or inactive.
- Amber - The device is not set up for remote access. Expanding the sidebar and hovering over the amber remote icon will provide additional information.
- Green - Remote access is available for the device, and the device is ready to be connected to. There are two options the user can select from:

- Operator View: Full view and control of the display
- Technician View: Access to the technician's user interface only

Mouse/keyboard shortcuts

The following gestures are supported by the ScreenView application. Please note that you will need to treat the screen like an Android screen for features such as text selection. For example, a long press will bring up the context menu for select all, copy, cut, etc.

Touch: Mouse Click

Long-press: Mouse Click & Hold

Zoom In/Out (Pinch and Expand): Keyboard Shift + Mouse Scroll

Panning (Earthworks): Keyboard Shift + Mouse Click + Mouse Move

Swipe: Mouse Click & Hold + Mouse Move

For more information

For more information, contact your local Trimble channel performance manager.