



Support Note

FEBRUARY 2021

RANGER 5 / TSC5: File Transfer

Overview

This Support Note describes how to:

- find files on the Ranger 5 / TSC5, on a USB drive attached to the device, on a connected computer, or in the cloud based storage, and
- how to transfer files to and from the Ranger 5 / TSC5 to the cloud, another computer or USB drive.

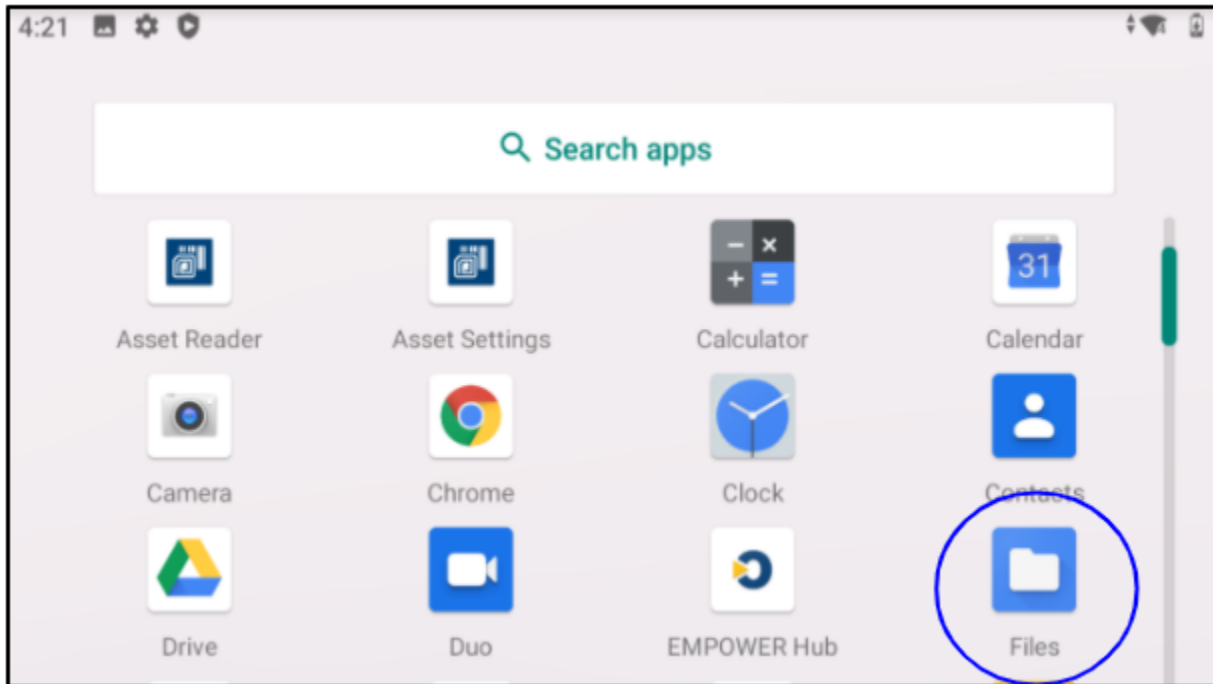
Instructions

Locating files saved to internal storage or an attached USB drive

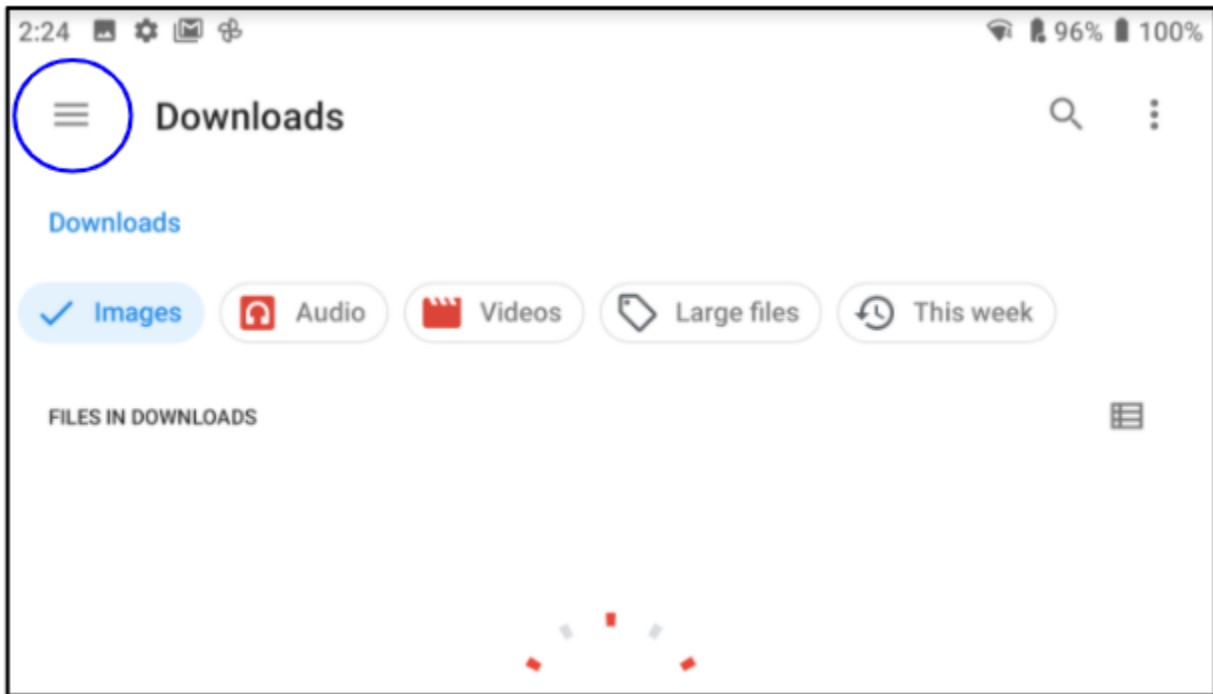
Files located on the TSC5 controller or on connected devices such as a USB drive or another computer can be found in the Files application, pre-installed on the device. Photos on the TSC5 are located under Files/TSC5/Pictures, and screenshots are found under Files/TSC5/Pictures/Screenshots.

To view files, pictures and screenshots saved to either the internal device storage of the controller or to an attached USB drive, open the Files app.

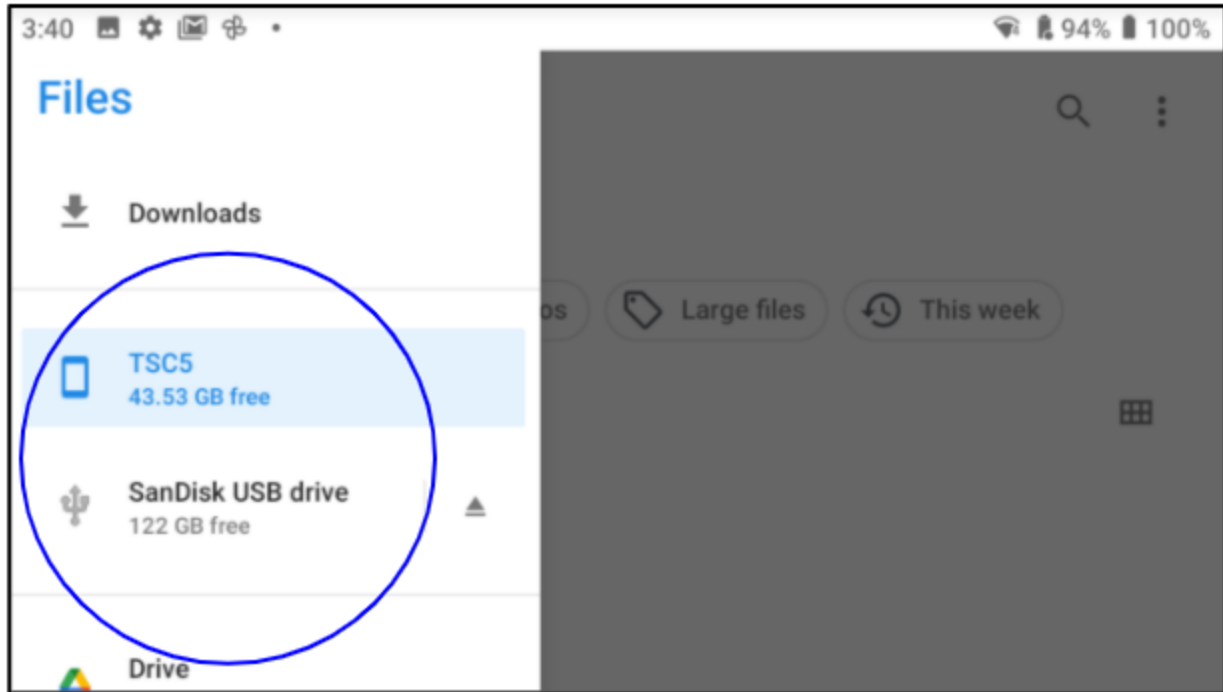
- Swipe up on the Home screen to open the Apps screen, and tap on the Files icon:



Tap the hamburger menu to bring up Recent, Images, Videos, Audio, Downloads:



Scroll down to view TSC5 internal storage and USB storage directories where you can view the entire directory:



NOTE: Screenshots are saved under TSC5/Pictures/Screenshots; you will also get a message immediately after taking a screenshot to Share to Drive, Photos, Email, etc.

Transferring data to and from the Ranger 5 / TSC5

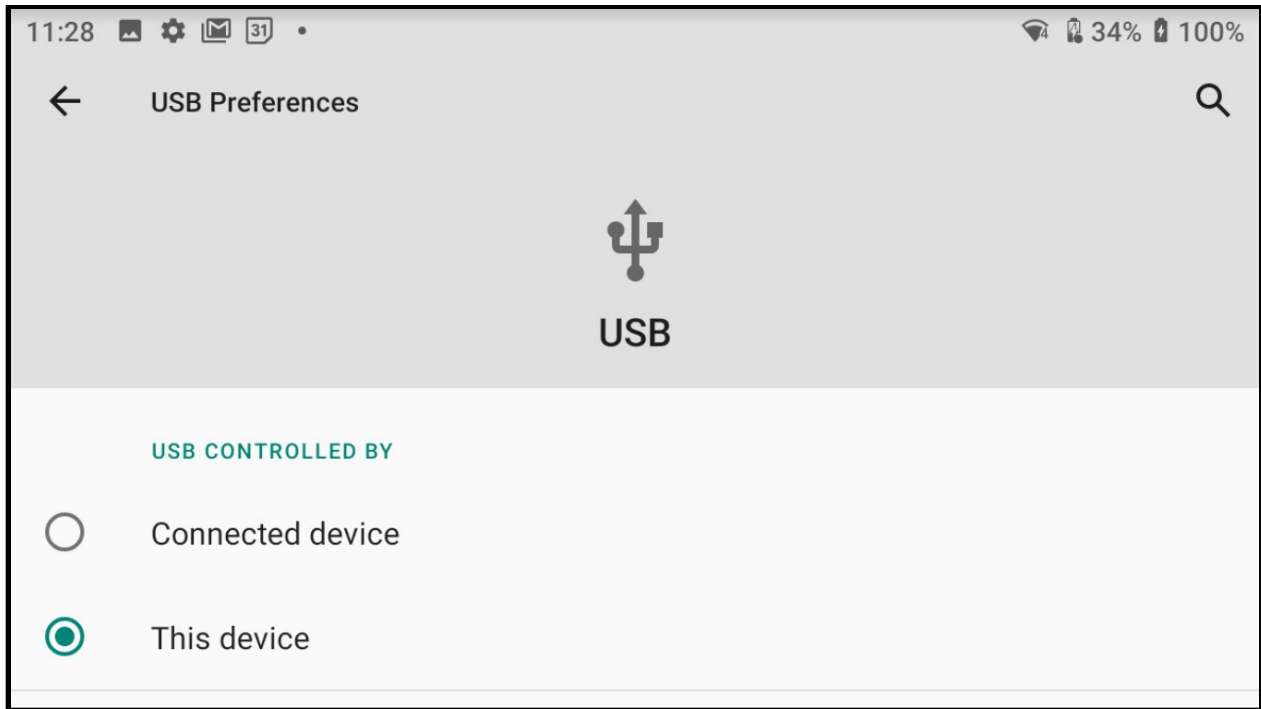
Files and data can be transferred to / from the TSC5 using the following methods:

- Via USB-C cable connected to a PC or laptop
- Via USB-C memory stick or storage drive
- Using cloud-based file sync service software and cloud storage (using a Wi-Fi or cellular data connection)
- Via ethernet connection using the desktop hub

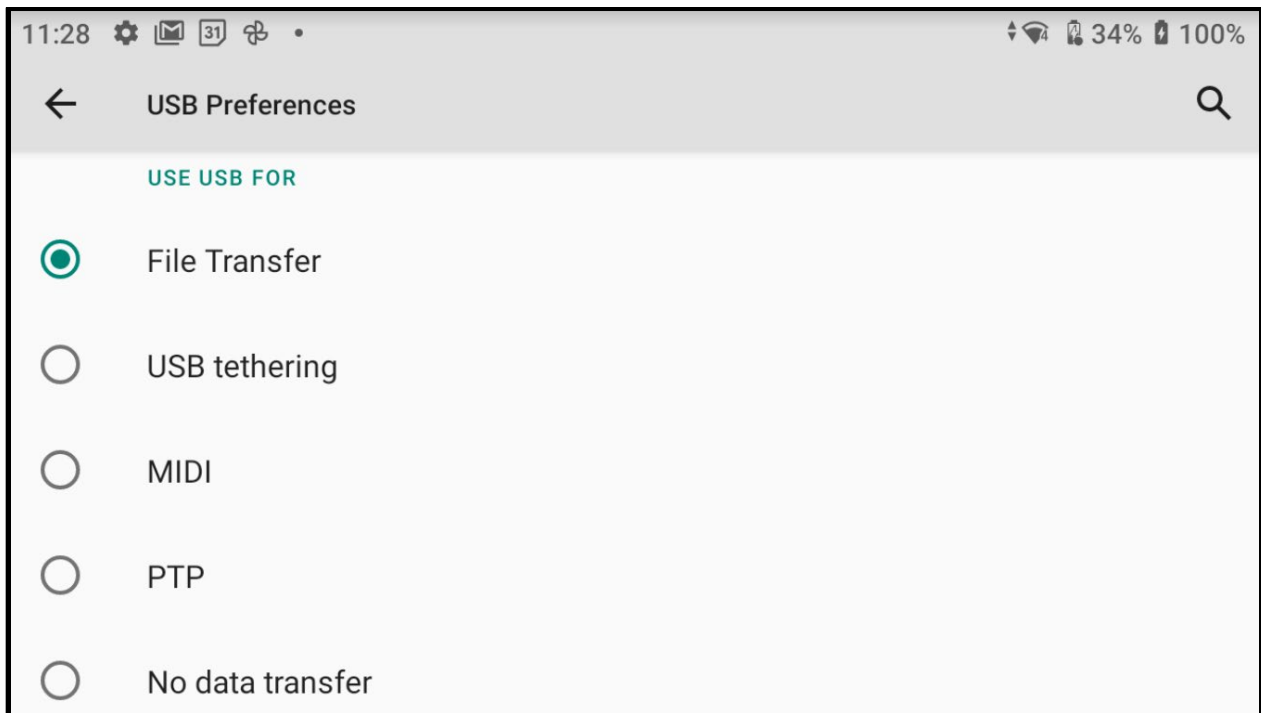
NOTE: Microsoft® ActiveSync and Windows Mobile Device Center are not supported because the Trimble TSC5 controller runs the Android 10 operating system, not a Windows Mobile operating system.

USB CABLE TRANSFER

When you plug the TSC5 into a laptop or PC, the **USB Preferences** window will open on the TSC5 where you will need to change settings to enable file transfer. If the windows did not appear, the connection was not successful. Try unplugging and plugging the USB-C cable on the PC side as well as the TSC5 side. If this does not work, reboot the TSC5. The **USB Preferences** can be found under **Settings > Connected devices > USB**. It will only appear when the PC and TSC5 are successfully connected. Under the **USB CONTROLLED BY** section, select **This device**.

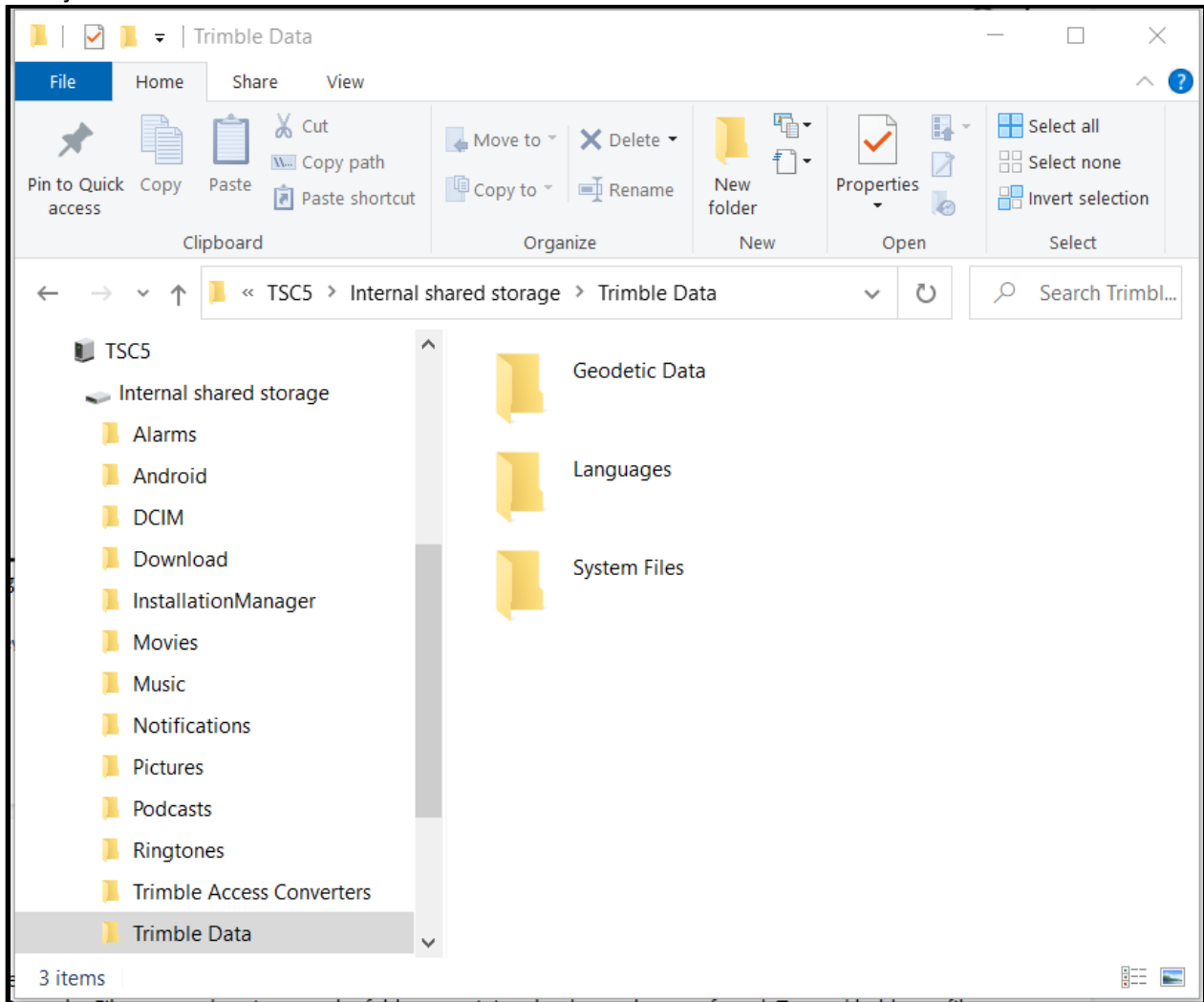


Scroll down in the **USB Preferences** window and under **USE USB FOR**, select **File Transfer**.
NOTE: You must select File Transfer everytime the TSC5 is plugged into your computer, this setting is not persistent.



A message may appear on your computer asking what to do when TSC5 is plugged in. You may choose to open File Explorer to browse the contents of the TSC5 internal storage where you can move and copy

date just like an external hard drive:



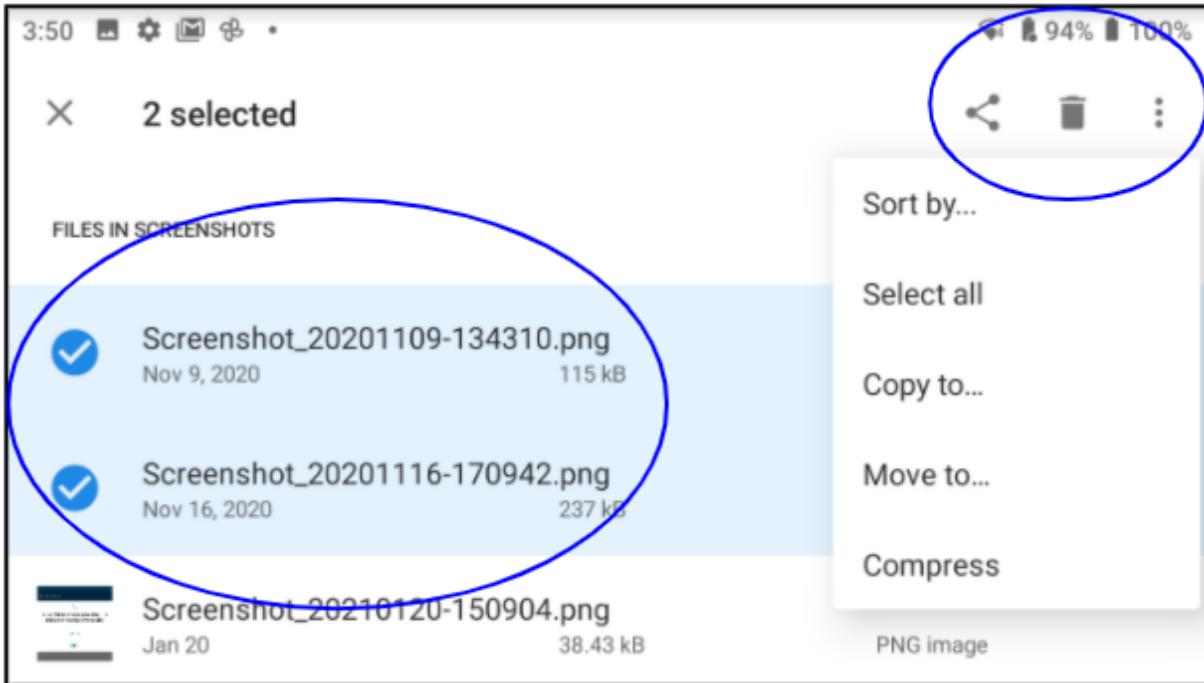
Cloud-based storage and transfer

The Android operating system enables the use of any cloud-based storage and file sync service software already in common use (for example, Dropbox, Google Drive sync, or with other cloud-based apps available on Google Play), using a Wi-Fi or cellular data connection. It is also possible to sign in through Trimble Access to an integrated survey workflow which connects Trimble Business Center office software and other office-based data with Trimble Access using Trimble Sync Manager™ and the Trimble Connect cloud platform.

Moving and transferring files to Google Drive or a USB drive using the Files app

Open the Files app and navigate to the folder containing the data to be transferred. Tap and hold on each file to select it, then either select the Share icon to share to Drive, or tap the 3 dots in the upper

right corner to sort, select all, copy, move, or compress. Then choose the location to transfer to - browse for a file location by tapping the hamburger menu on the upper left. Here you can choose a TSC5 internal storage location, USB drive that is plugged in, or Google Drive. To complete the action, tap Move, Copy, etc.



Conclusion

Add Conclusions Here

Affected Units

This support note applies to all Ranger 5 data collectors and TSC5 controllers.

More Information

Contact your Trimble Regional Sales Manager or local Trimble Distribution Partner for more information.