[Application Note]
Tableaux
Applicable for 25BDL4150I, 13BDL4150I, 25BDL4050I

Version	Date of Changes	Change Summary
1.2	June 2024	Added SICP enabling step

Notice

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Visit the support website at https://www.ppds.com/downloads/products for:

- Leaflet and product documentation
- Download a printable PDF version of the user manual
- Contact details of the helpdesk
- Download the last available software

Our Technical Support team is available at www.philips.com/pds/support for questions related to specifications, installation or configuration of Philips displays.

For more information about Wave, please visit https://www.ppds.com/innovations/wave

Important

This document will guide you on how to install Wave on Tableaux devices. By installing Wave you agree to the terms of use and privacy policy, which can be found on:

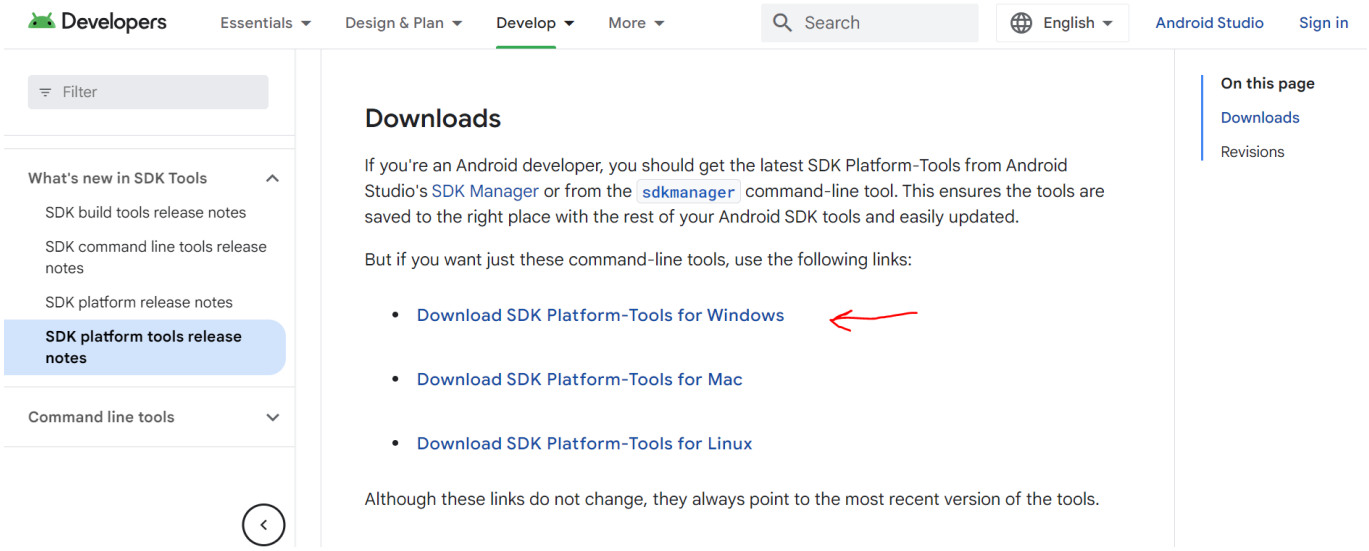
- https://wave.ppds.com/legal/terms-of-use
- https://wave.ppds.com/legal/privacy-policy

How to install Wave agent on Tableaux

Download ADB

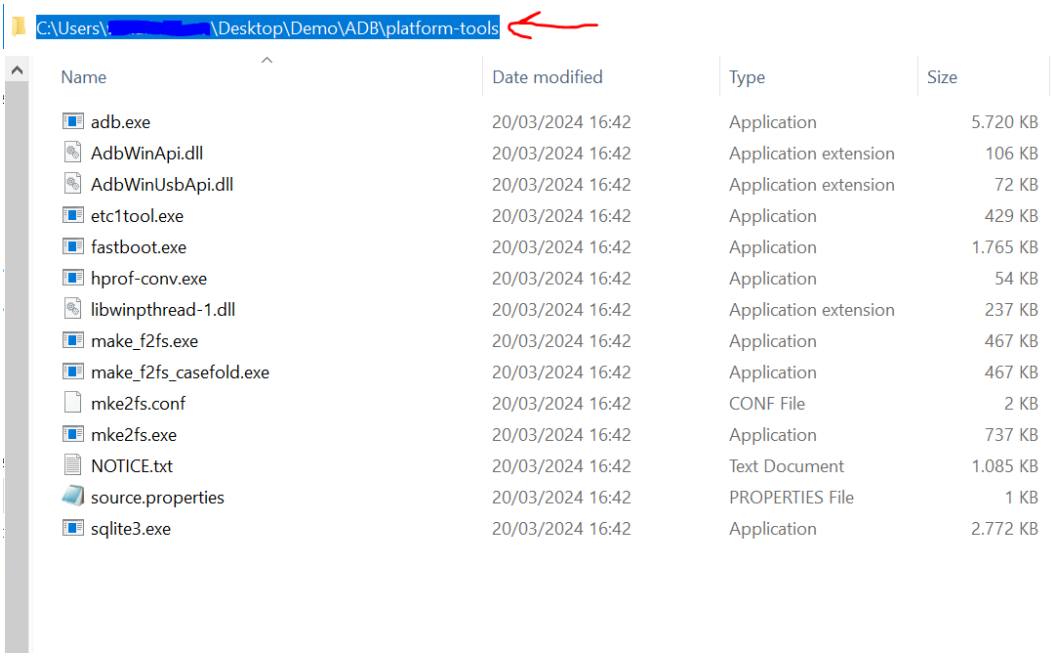
Download ADB from here

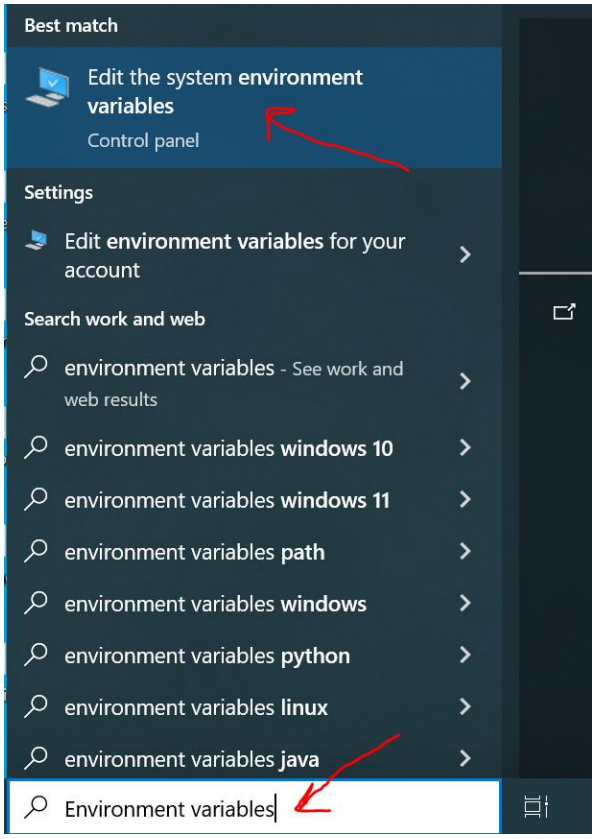
https://developer.android.com/tools/releases/platform-tools



Extraction

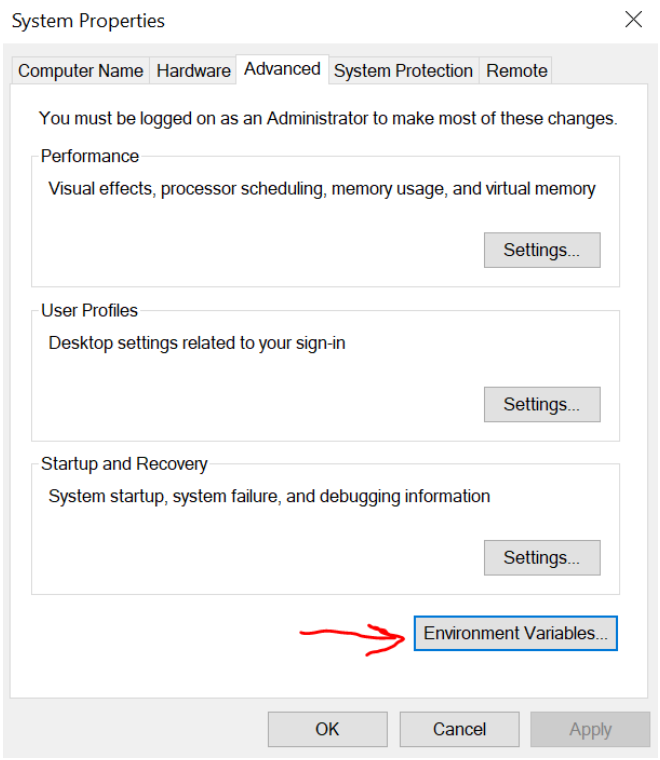
Extract the files to any destination, then navigate to the location where you extracted the file, then click on folder's address bar at the top and copy the full path of the folder.



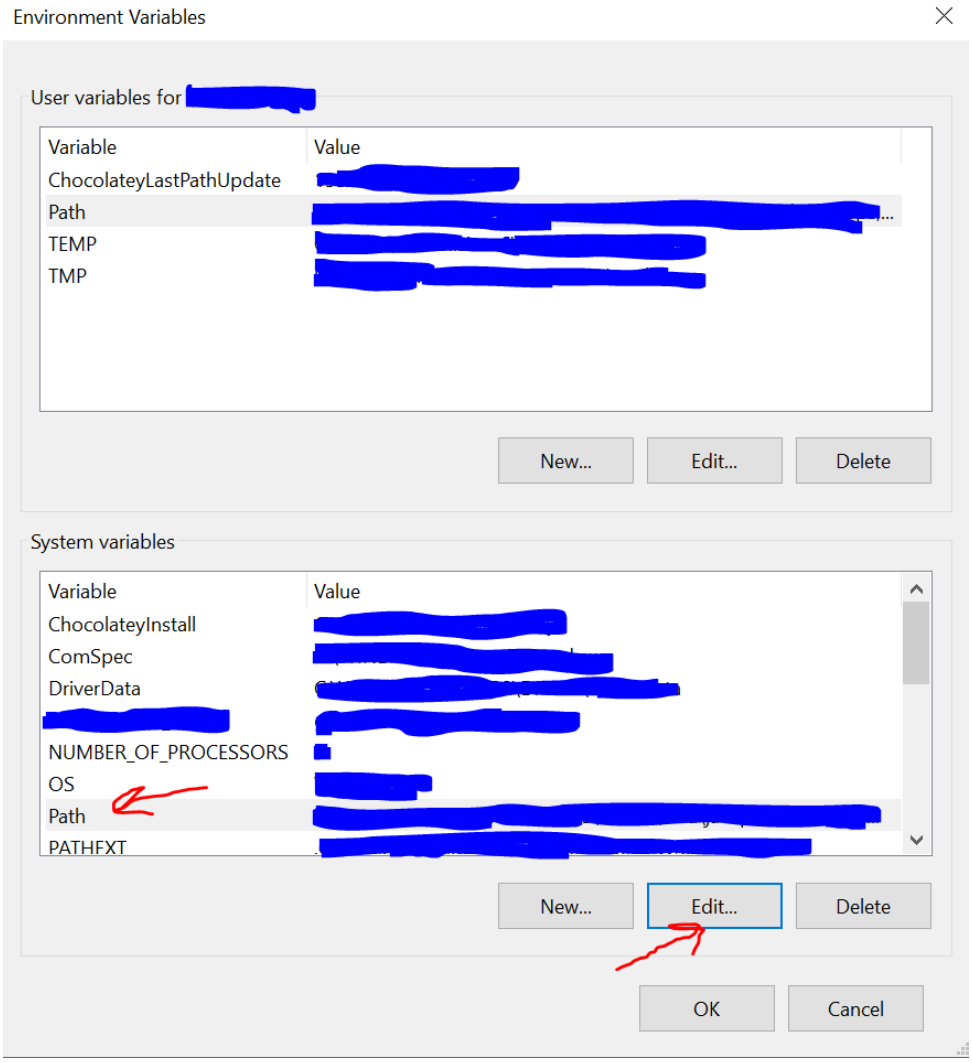


Environment variables

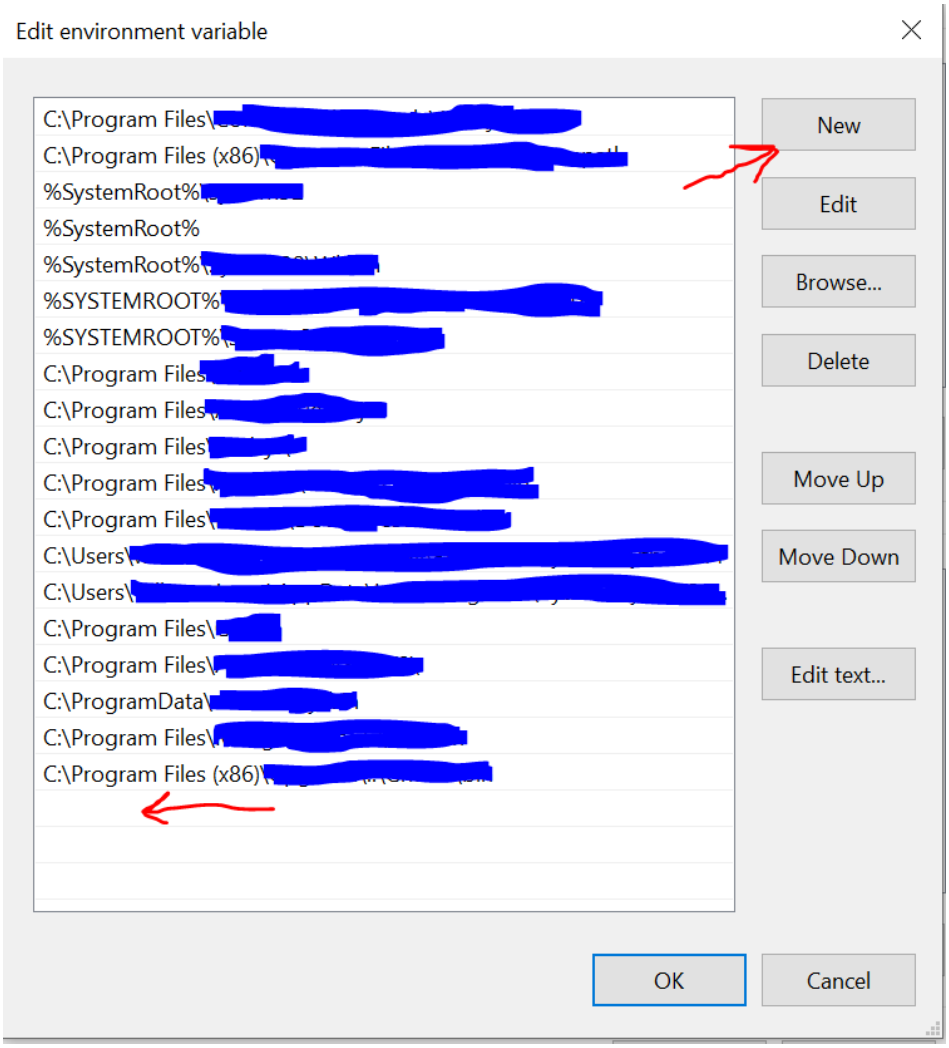
In Windows search bar, type “Environment variables” and select “Edit system environment variables”, then click on “Environment variables” button in the “System Properties” window that appears.



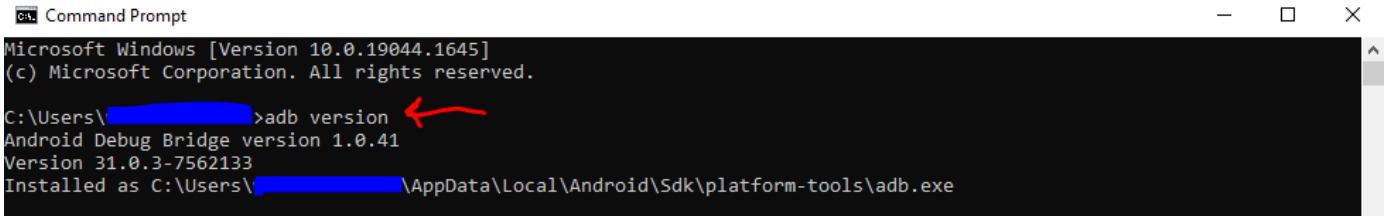
In the “Environment Variables” window, under “System variables” section, select the “Path” variable and click “Edit”.



In the “Edit environment variable” window that appears, click “New” and paste the path that you copied in the extraction step, then click “OK” on every window to close them.

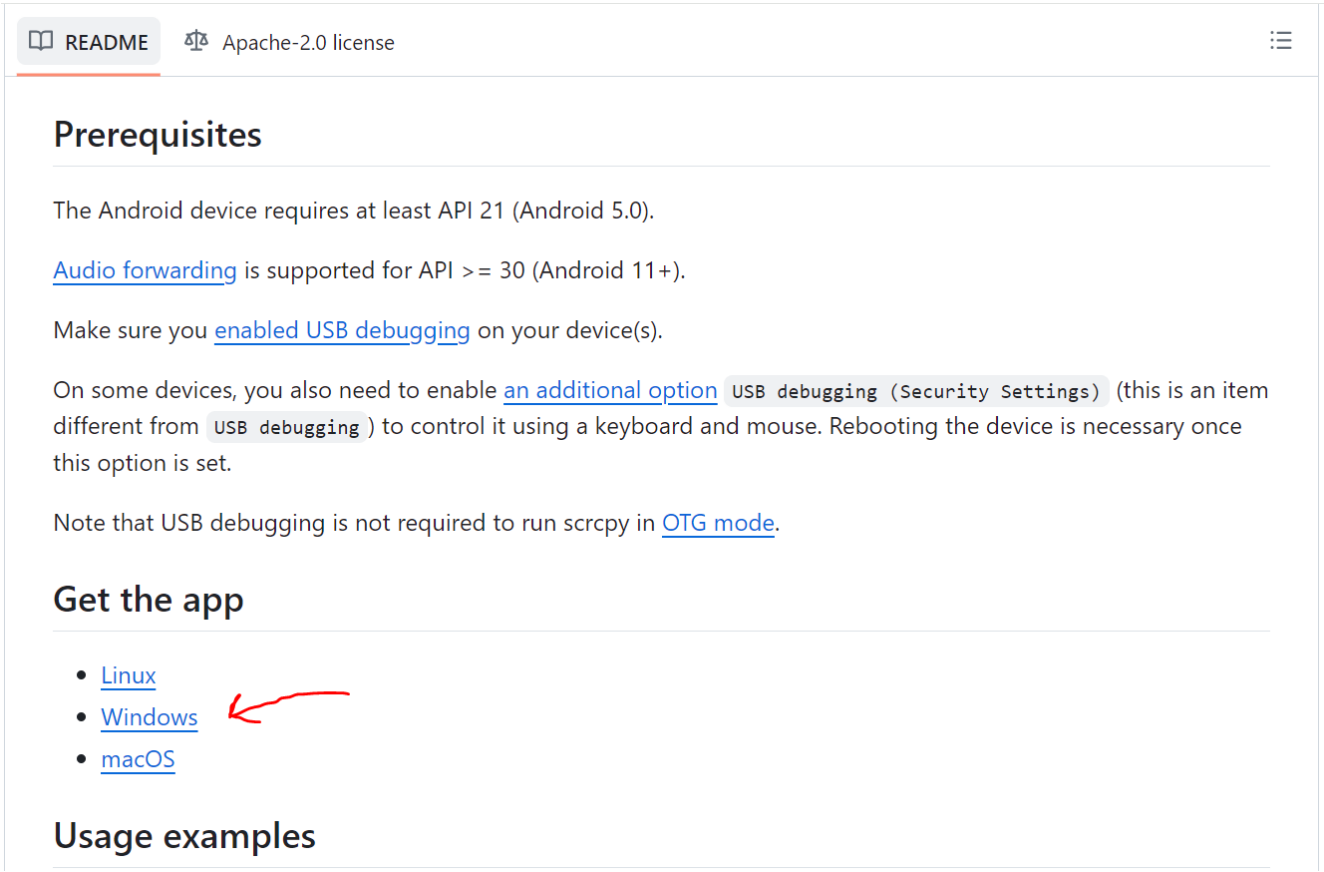


Open a new Command Prompt and verify that ADB has been installed successfully by typing the command “*adb version*”. The output should be something like this



SCRCPY

Download SCRCPY from here (scroll down in the website to find the button)
https://github.com/Genymobile/scrcpy
Unzip the file, then add its path to the system environment variables just like you did with ADB


README Apache-2.0 license

Prerequisites

The Android device requires at least API 21 (Android 5.0).

Audio forwarding is supported for API >= 30 (Android 11+).

Make sure you enabled USB debugging on your device(s).

On some devices, you also need to enable an additional option `USB debugging (Security Settings)` (this is an item different from `USB debugging`) to control it using a keyboard and mouse. Rebooting the device is necessary once this option is set.

Note that USB debugging is not required to run scrcpy in OTG mode.

Get the app

- Linux
- Windows
- macOS

Usage examples

Preview | Code | Blame | 96 lines (66 loc) · 2.7 KB | Raw

On Windows

Install

Download the latest release:

- scrcpy-win64-v2.4.zip (64-bit)

  SHA-256: 9dc56f21bfa455352ec0c58b40feaf2fb02d67372910a4235e298ece286ff3a9
- scrcpy-win32-v2.4.zip (32-bit)

  SHA-256: cf92acc45eef37c6ee2db819f92e420ced3bc50f1348dd57f7d6ca1fc80f6116

and extract it.

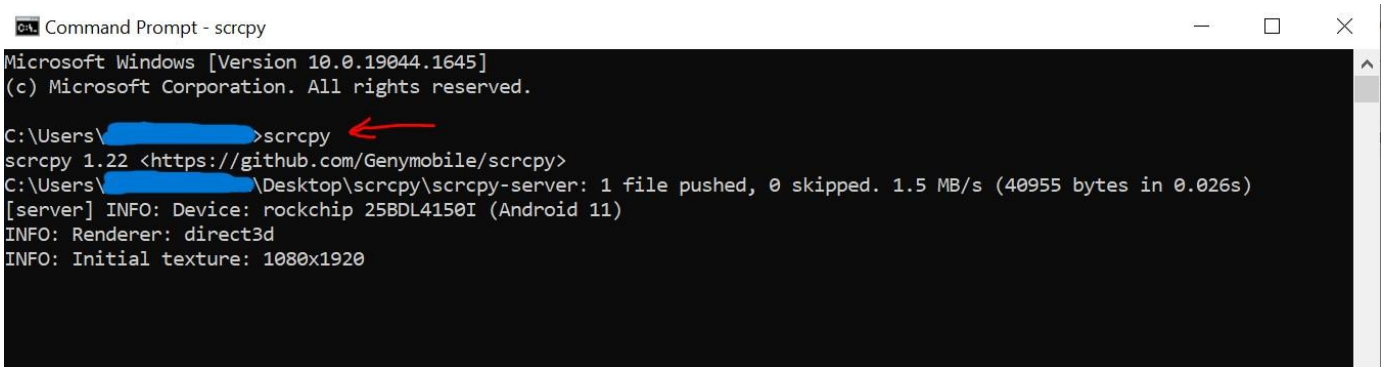
Alternatively, you could install it from packages manager, like Winget:

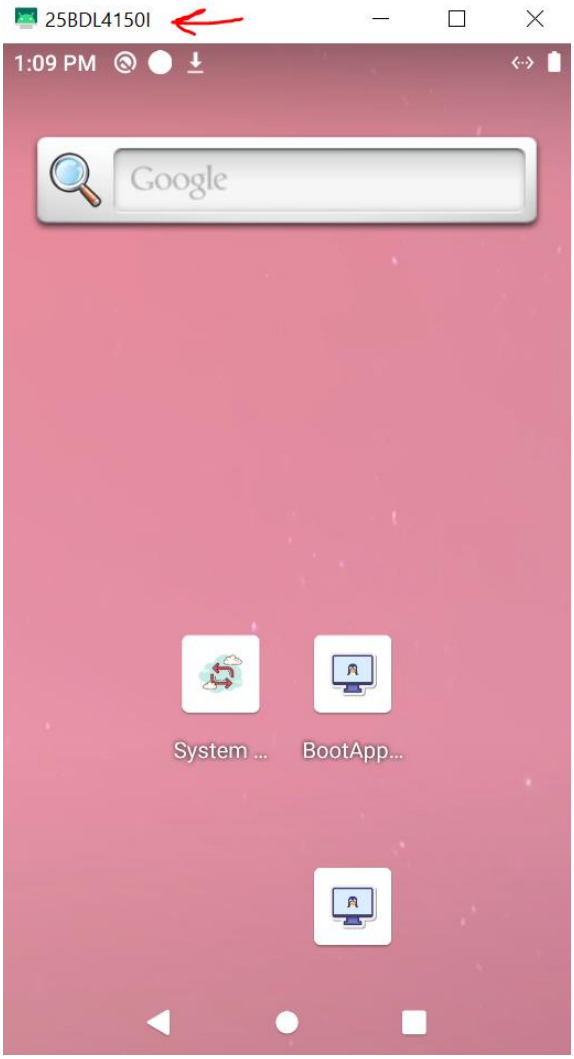
Connecting Tableaux

Connect the Tableaux to your computer with a USB cable (USB type A to micro USB type B) as the one shown in picture

In the Command Prompt, type the command "*adb devices*". You should be able to see your Tableaux device listed (for example the serial number).

In the Command Prompt, type "*scrcpy*" which will activate the screen mirroring, and you should be able to see the Android UI of the Tableaux and interact with it. (Note: if your computer is connected to more than one Android device, and you see more than one device under the list in the previous step, then you need to specify the device via its name as shown in the list (usually serial number) in the command "*scrcpy -s <device-name>*")

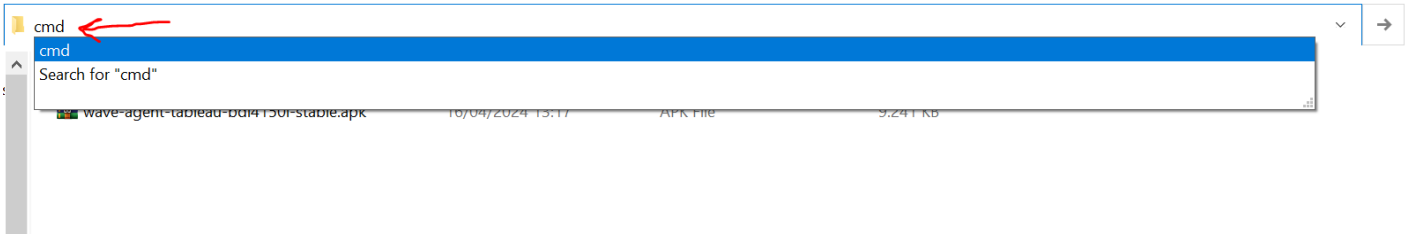




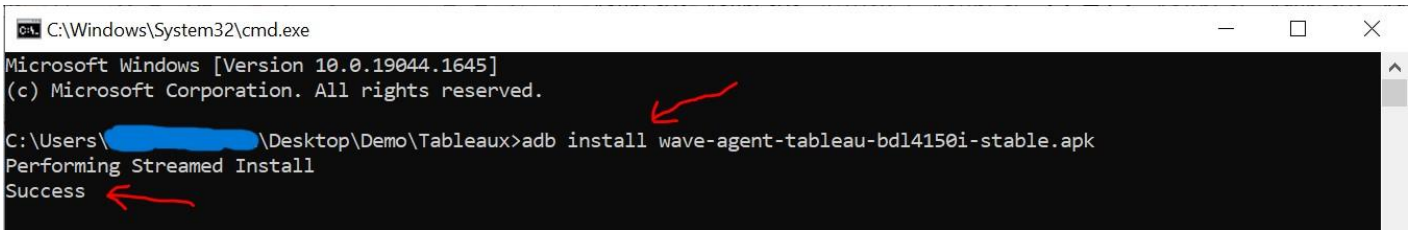
Installing Wave

Navigate to the folder where the Wave agent APK is located, then click on the folder's address bar at the top and type "cmd" and hit "Enter". This should open a Command Prompt in that location's directory. You can download the latest Wave agent APK for Tableaux from this link https://cdn.wave.ppds.com/apks/wave-agent/stable/wave-agent-tableau-bdl4150i-stable.apk (BDL4150I)

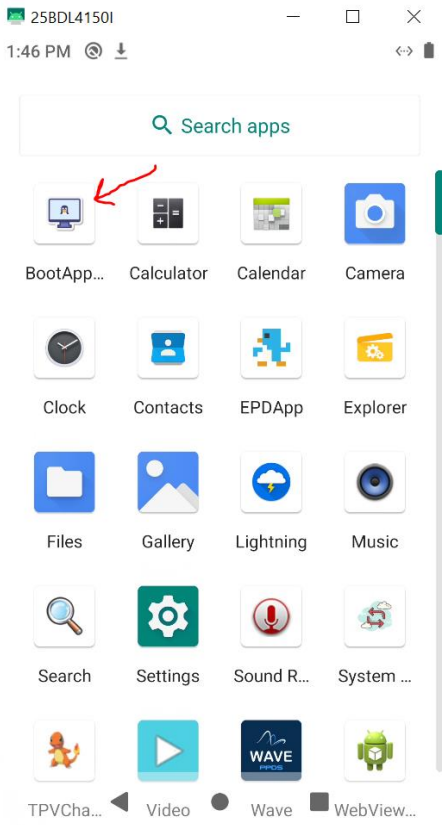
https://cdn.wave.ppds.com/apks/wave-agent/stable/wave-agent-tableau-bdl4050i-stable.apk (BDL4050I)

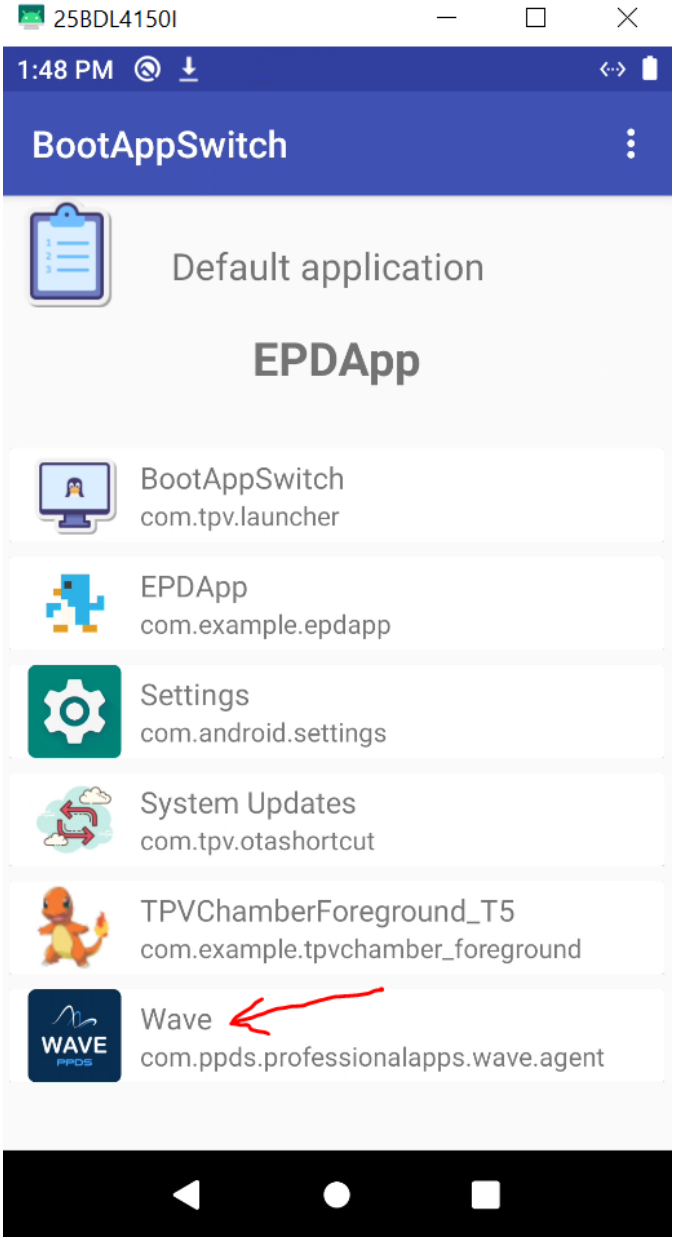


In the new Command Prompt that opens in the previous step, type the following command to install the Wave agent APK on the Tableaux device "*adb install wave-agent-tableau-bdl4150i-stable.apk*". (Note: if your computer is connected to more than one Android device, you need to specify the device in the command "*adb -s <device-name> install wave-agent-tableau-bdl4150i-stable.apk*")

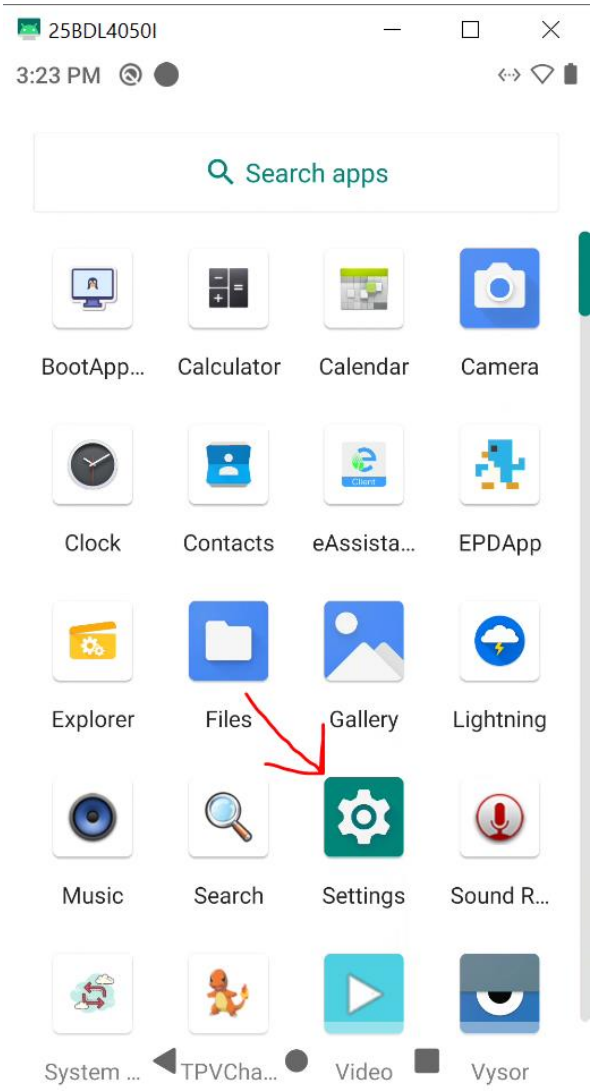


Within the mirrored Android UI of Tableaux, swipe up to open the apps menu, then find and select the Boot App Switch application to open it. Once it is open, Wave app should be listed there, select the Wave app to set it as a default application. This will avoid the conflict of having another default app running besides Wave.





Go back to the apps menu, and open the Settings app, then navigate to Network & Internet, then click on SICP, and make sure that SICP is enabled. Refer to the below screenshots for guidance. (The SICP setting might not be available on some old FW. In that case, you can skip this step)


25BDL4050I
3:23 PM
Search apps
BootApp...
Calculator
Calendar
Camera
Clock
Contacts
eAssista...
EPDApp
Explorer
Files
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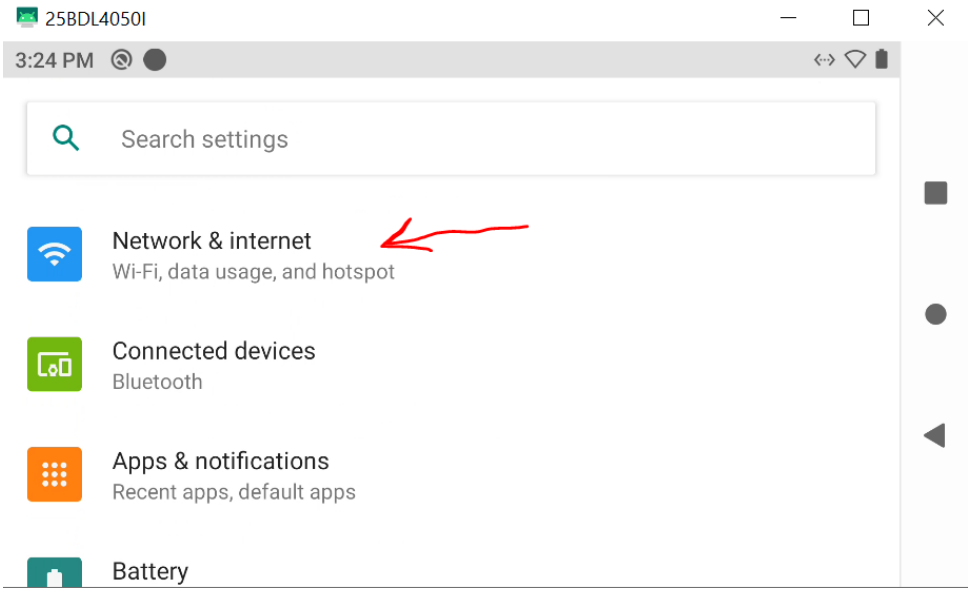
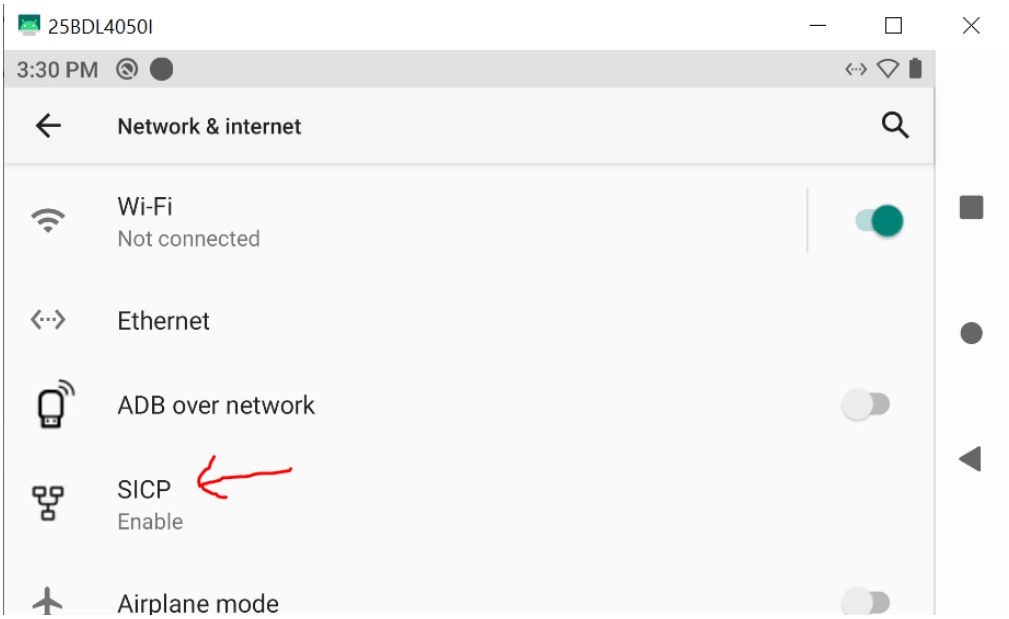
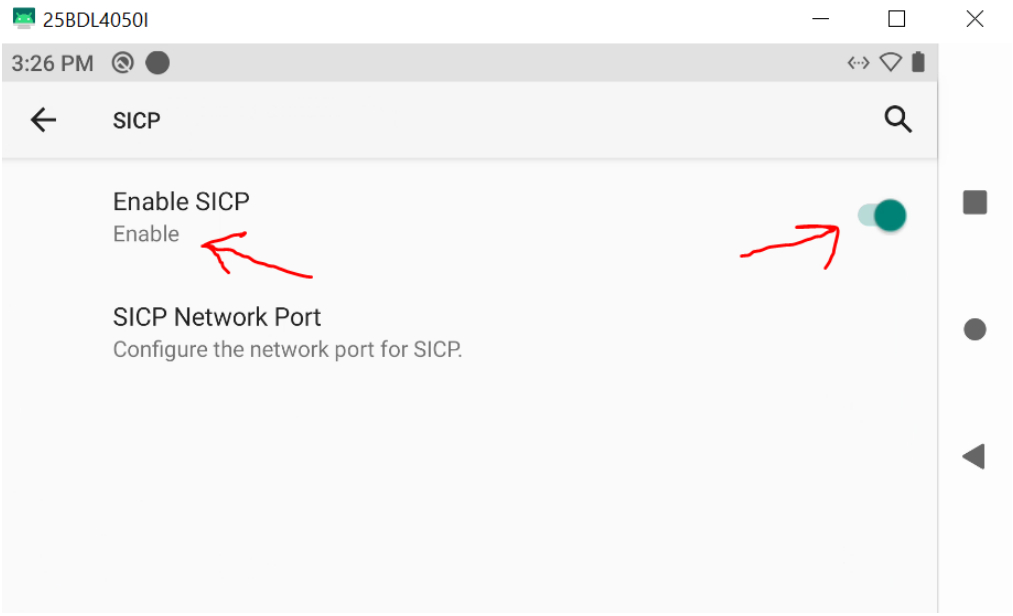
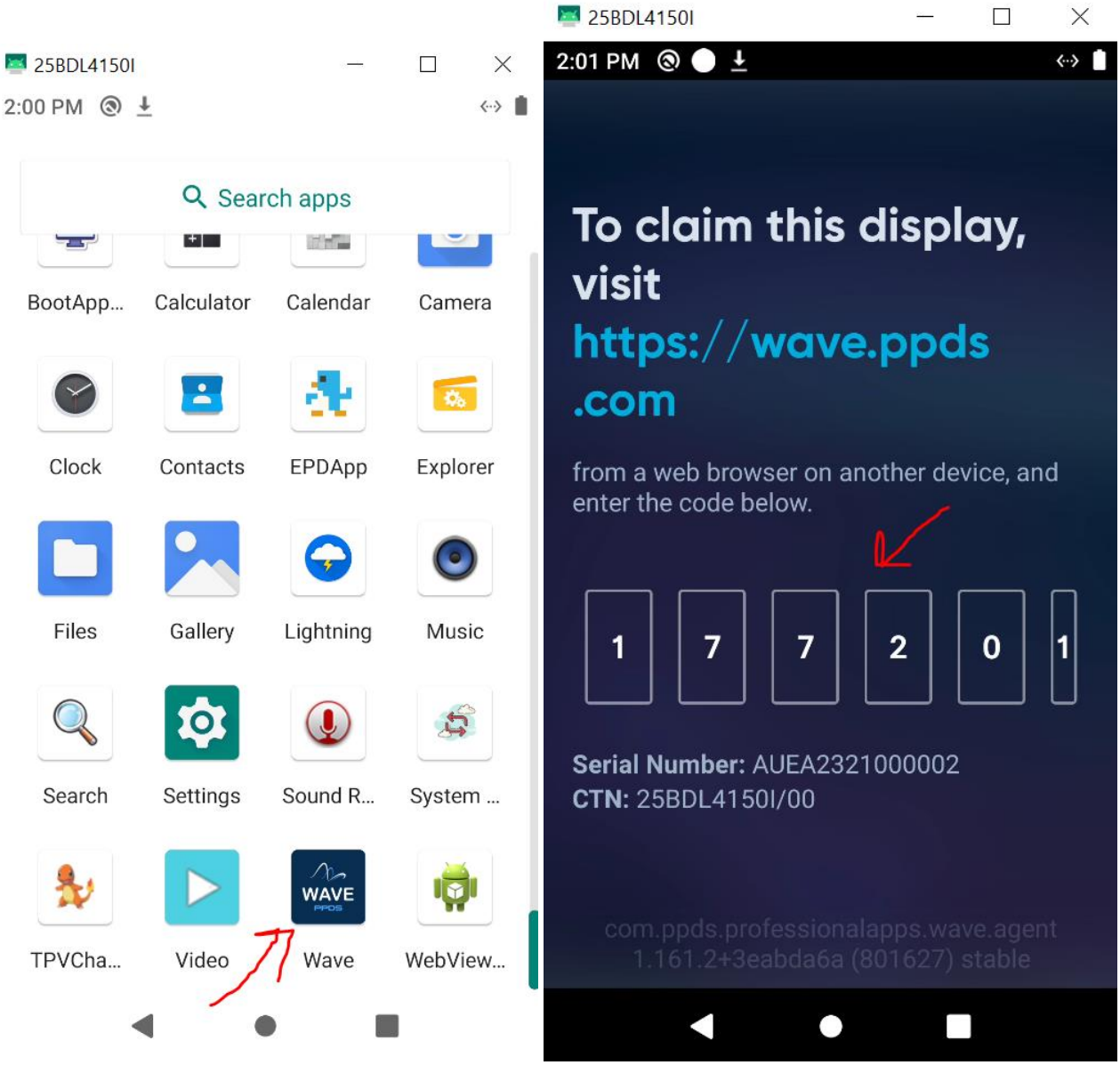
Lightning
Music
Search
Settings
Sound R...
System ...
TPVCha...
Video
Vysor


25BDL4050I
3:24 PM
Search settings
Network & internet
Wi-Fi, data usage, and hotspot
Connected devices
Bluetooth
Apps & notifications
Recent apps, default apps
Battery





Go back to the apps menu, and open the Wave app. You should be able to see the claiming code shortly after. You can use the code to claim your Tableaux in the Wave portal as you claim any other display. (Note: if you see an error on the Wave app, please make sure that the Tableaux is connected to the internet via Ethernet or WiFi).


25BDL4150I
2:00 PM
Search apps
BootApp...
Calculator
Calendar
Camera
Clock
Contacts
EPDApp
Explorer
Files
Gallery
Lightning
Music
Search
Settings
Sound R...
System ...
TPVCha...
Video
Wave
WebView...
25BDL4150I
2:01 PM
To claim this display, visit
https://wave.ppds.com
from a web browser on another device, and enter the code below.
1 7 7 2 0 1
Serial Number: AUEA2321000002
CTN: 25BDL4150I/00
com.ppds.professionalapps.wave.agent
1.161.2+3eabda6a (801627) stable