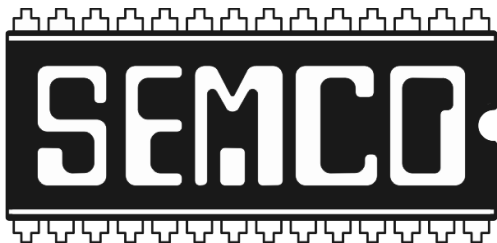


1--CONFIGURING "PHONE LINK" IN "WINDOWS 11" TO CONTROL A CELL PHONE

by Francis Chao
fchao2@yahoo.com



Web location for this
presentation:

<http://aztcs.apcug.org>

Click on

"Meeting Notes"

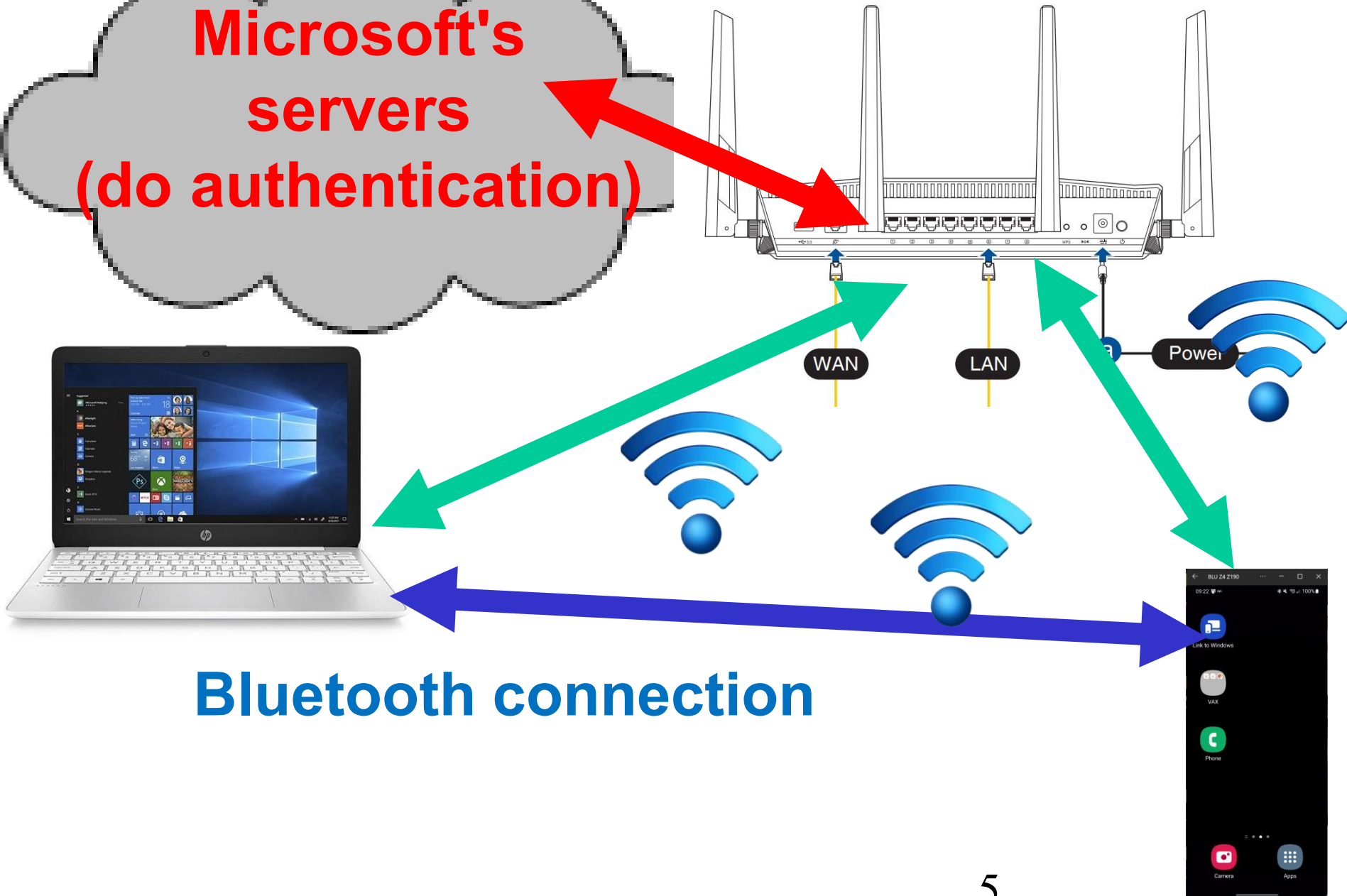
SUMMARY

Here the the logical steps for installing the free "Link to Windows" app in a cell phone and then configuring the bundled "Phone Link" app in "Windows 11" so that it can control the cell phone.

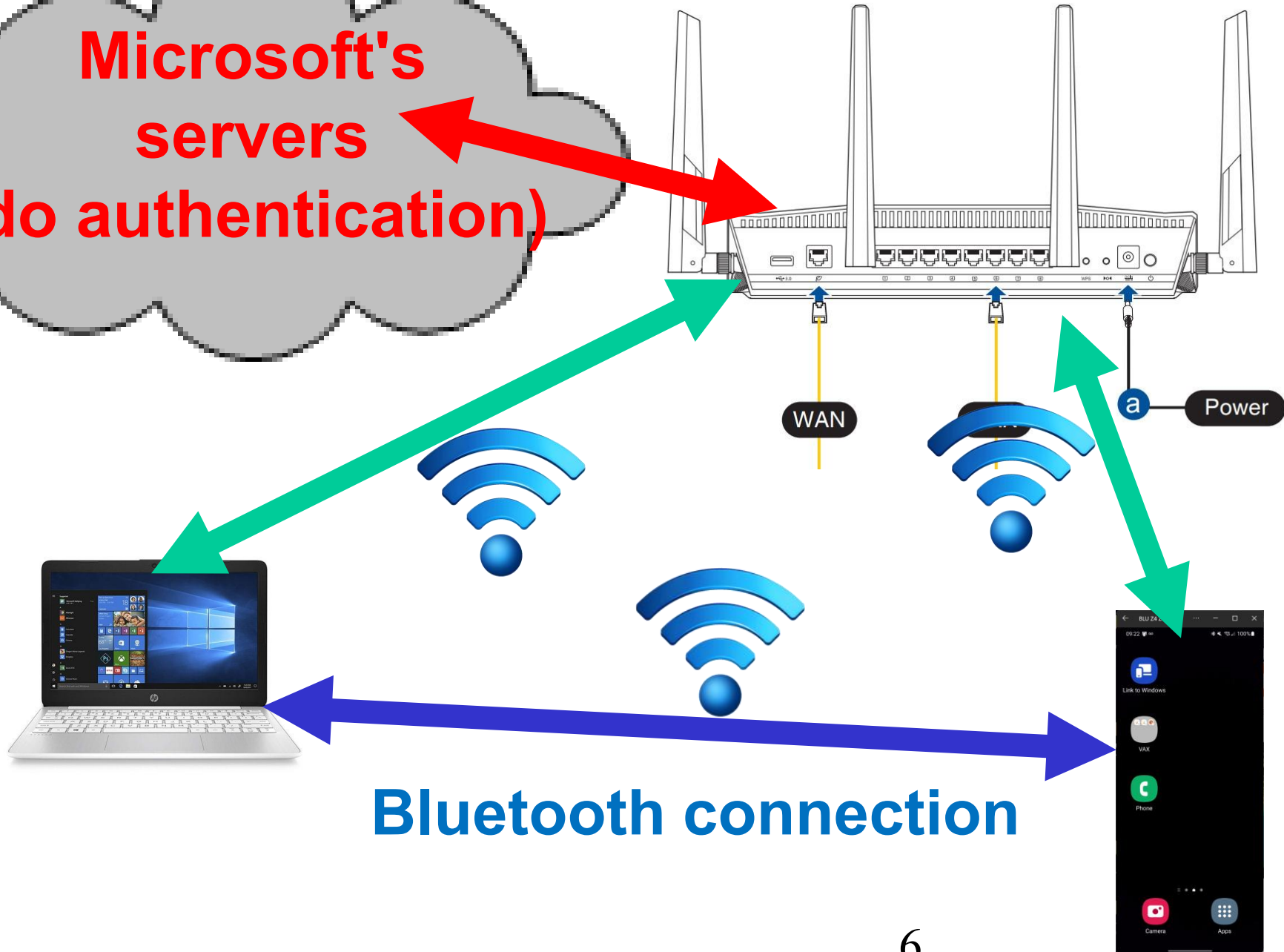
TOPICS

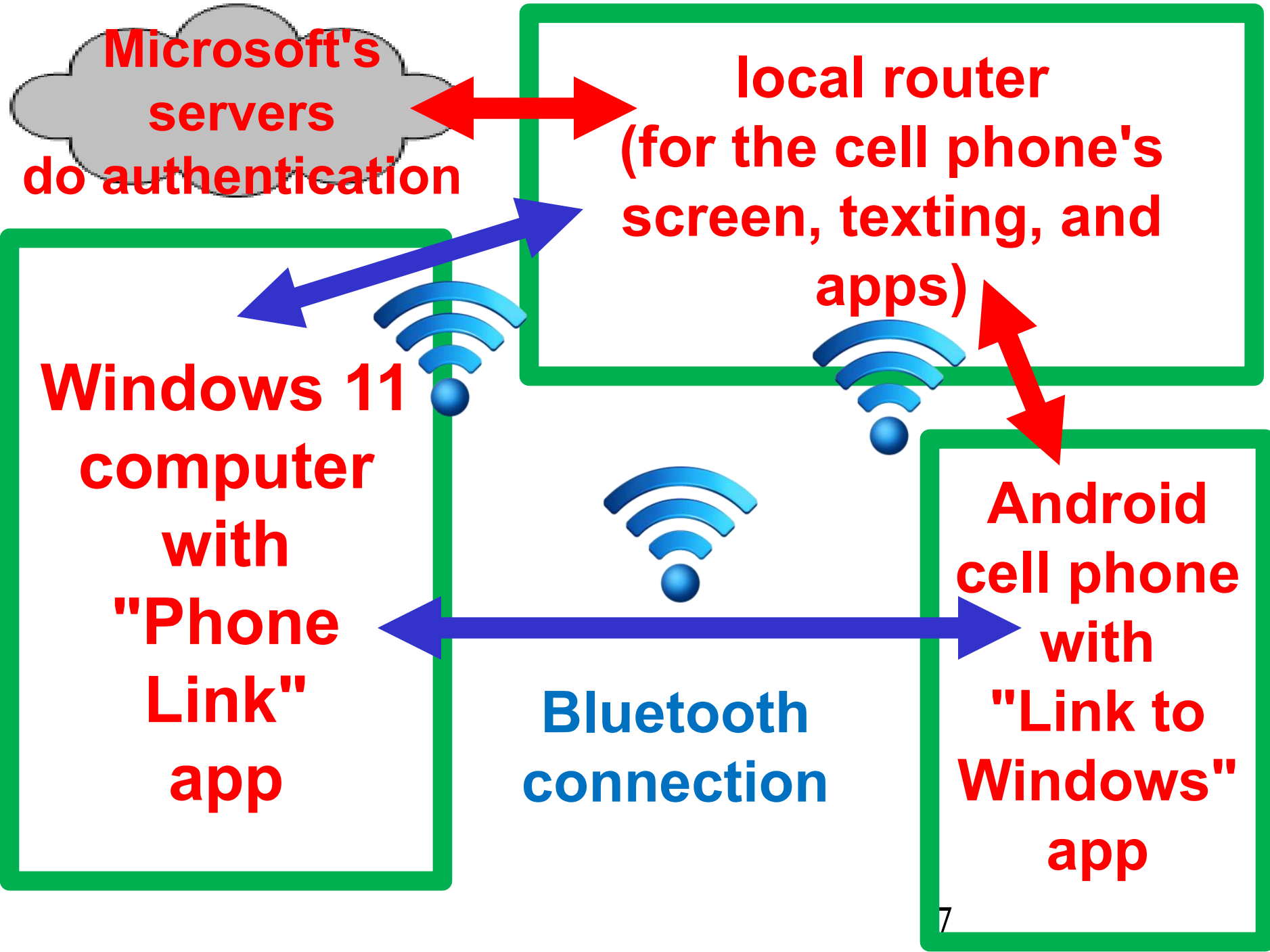
- Microsoft's Detailed Instructions For Using "Phone Link" in "Windows 11" To Control "Link To Windows" In A Cell Phone
- Big Steps for Installing " 'Phone Link' to 'Link to Windows' "
- Small Steps for Installing "Link to Windows" In A Cell Phone
- Small Steps for Activating "Phone Link" in "Windows 11"

**Microsoft's
servers
(do authentication)**



**Microsoft's
servers
(do authentication)**





**MICROSOFT'S
"PHONE LINK"
APP INSIDE A "WINDOWS 11" PC**

**Bluetooth
connection**

**Wi-Fi
cloud-based
router
connection**

**MICROSOFT'S
"LINK TO WINDOWS"
APP INSIDE A CELL PHONE**

"PHONE LINK" CONNECTION FROM "WINDOWS 11" TO THE CELL PHONE

Four Requirements:

- 1) Wi-Fi router's connection to the Internet (for authentication)
- 2) "Windows 11" computer's Wi-Fi connection to the Wi-Fi router
- 3) Cell phone's Wi-Fi connection to the Wi-Fi router
- 4) Bluetooth connection to between the cell phone and the "Windows 11" computer

"PHONE LINK" CONNECTION FROM "WINDOWS 11" TO CELL PHONE (continued)

Four Requirements (continued):

The "Phone Link" in "Windows 11" to "Link to Windows" in the cell phone relies on all four of the above-mentioned network connections.

If any of these network connections are not active, the "Phone Link" to "Link to Windows" connection cannot be started up.

STEPS FOR INSTALLING "LINK TO WINDOWS" INTO A CELL PHONE

- Step 1:
If "Link to Windows" is not already installed in a cell phone, you can locate "Link to Windows" in the "store" of the cell phone:

STEPS FOR INSTALLING "LINK TO WINDOWS" IN A CELL PHONE (continued)

- For a **partial** list of Android cell phones that can run Microsoft's "Link to Windows" app, please see <https://support.microsoft.com/en-us/topic/supported-devices-for-phone-link-experiences-cb044172-87aa-9e41-d446-c4ac83ce8807>

STEPS FOR INSTALLING "LINK TO WINDOWS" IN A CELL PHONE (continued)

- In Samsung cell phones, the "Link to Windows" app is bundled by Samsung and shows up in two places: the "Quick Settings" screens and the "Apps" screens

STEPS FOR INSTALLING "LINK TO WINDOWS" IN A CELL PHONE (continued)

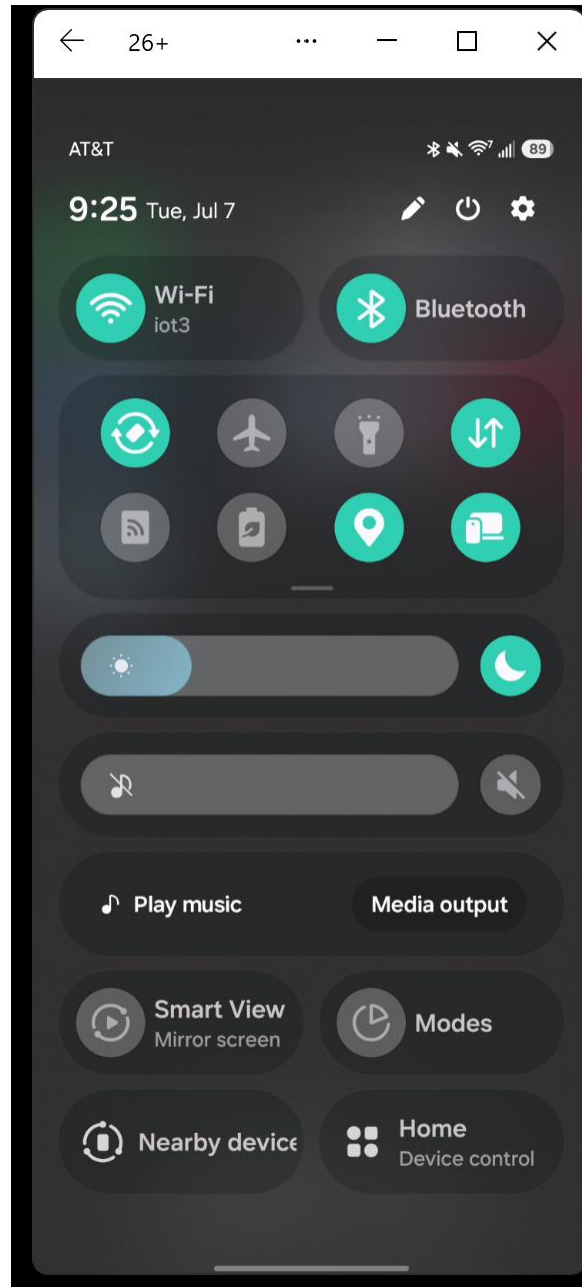
- If "Link to Windows" is missing, you can get it for free from the "Play Store" app in an Android cell phone or, **alternatively**, from the "Galaxy Store" app in a Samsung cell phone or, **alternatively**, from the "App Center" app in an "ASUS cell phone

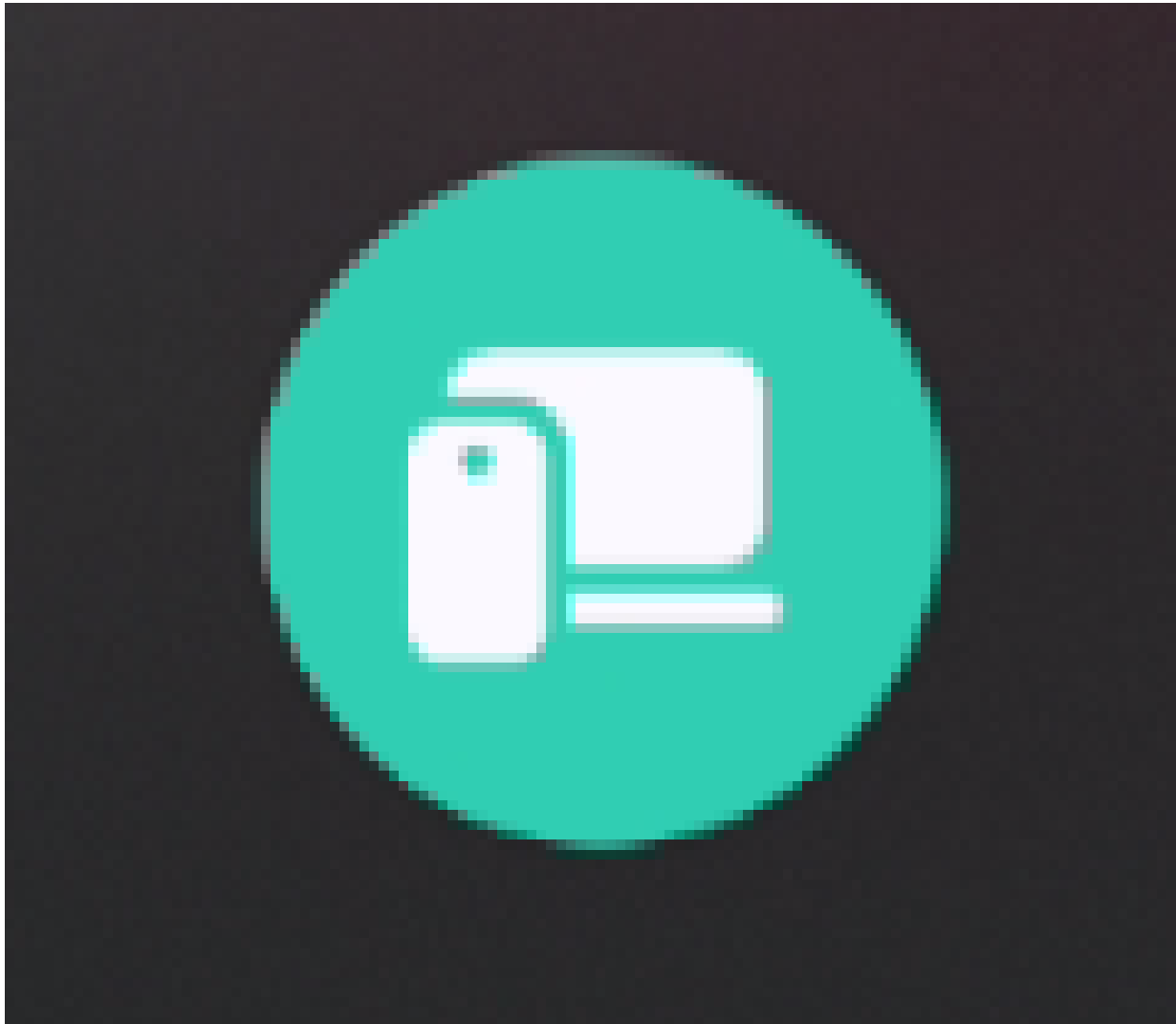
STEPS FOR INSTALLING "LINK TO WINDOWS" IN A CELL PHONE (continued)

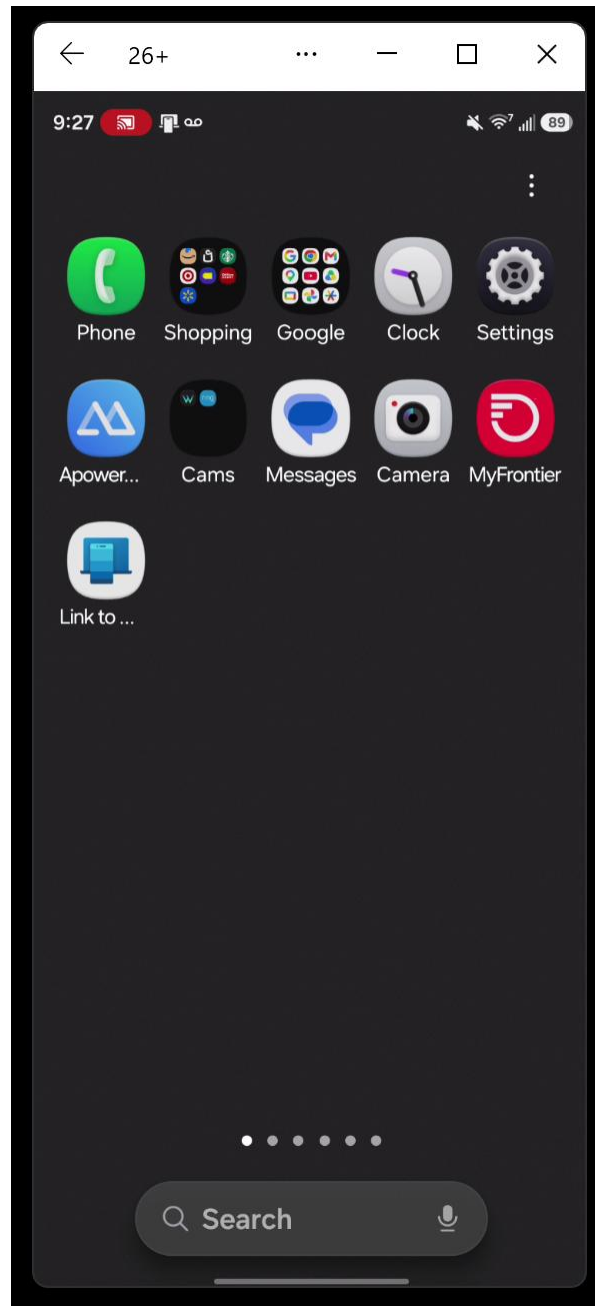
- or, **alternatively**, from the "Honor App Market" in an Honor cell phone.

STEPS FOR INSTALLING "LINK TO WINDOWS" IN A CELL PHONE (continued)

- Most recent Android cell phones will have the free "Link to Windows" app somewhere on their "Apps" screens
- In Samsung cell phones, the "Link to Windows" shows up in two places:
the "Quick Settings" screens and
the "Apps" screens





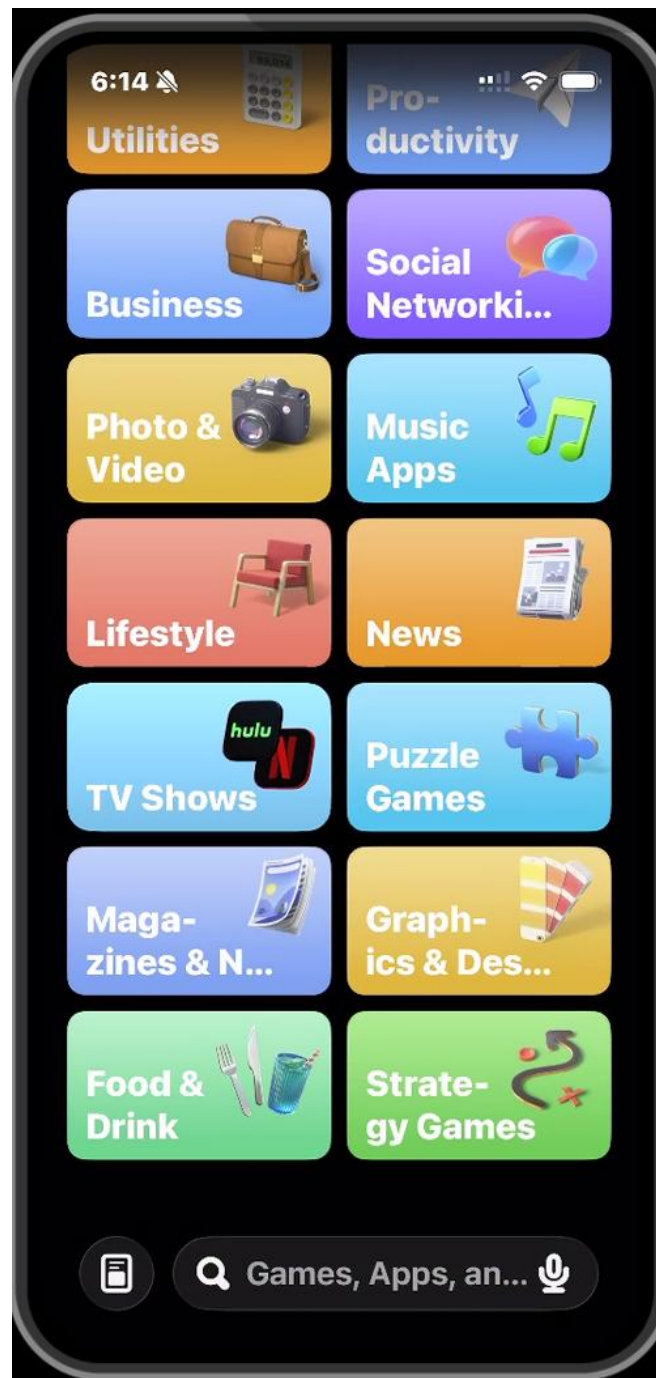


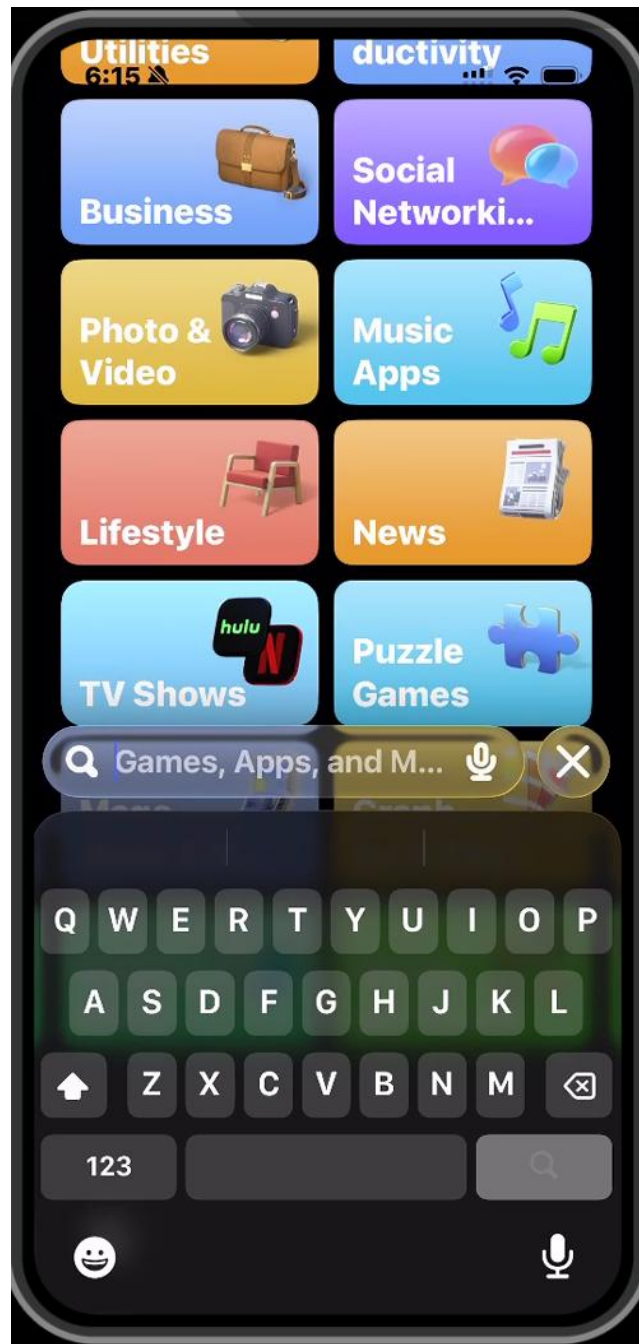


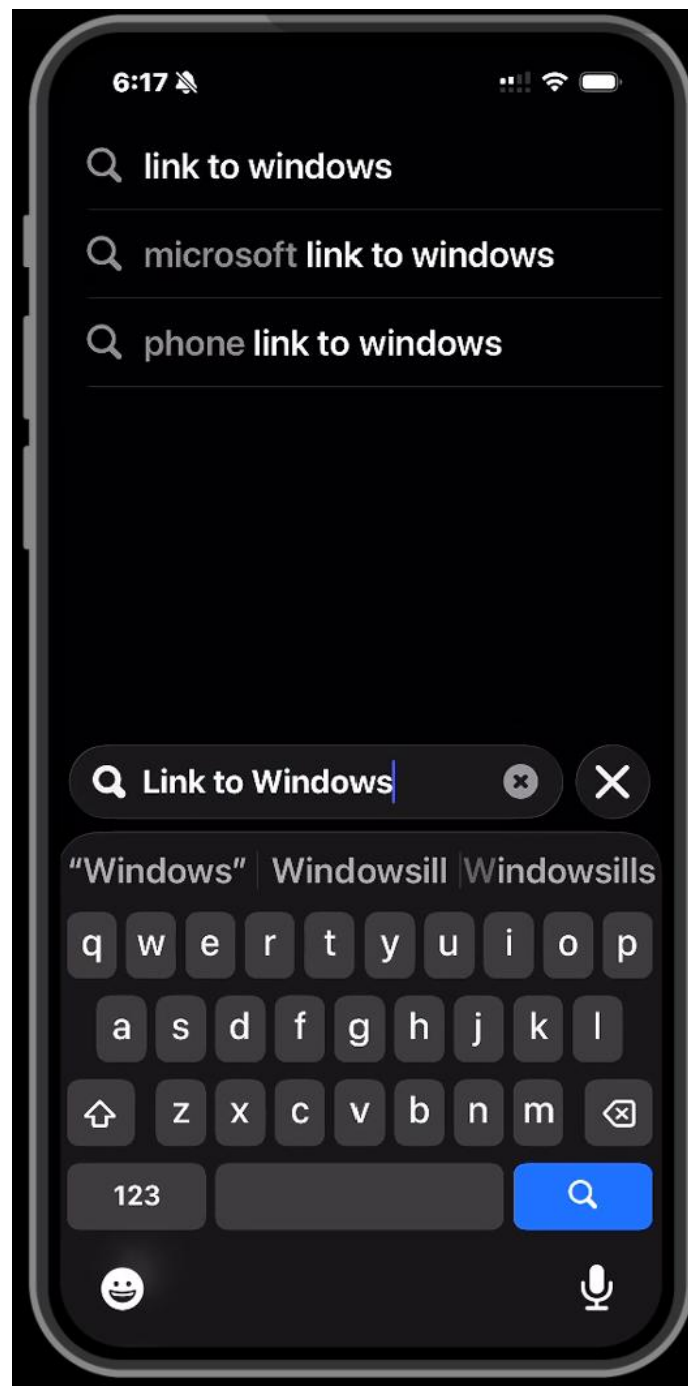
Link to ...

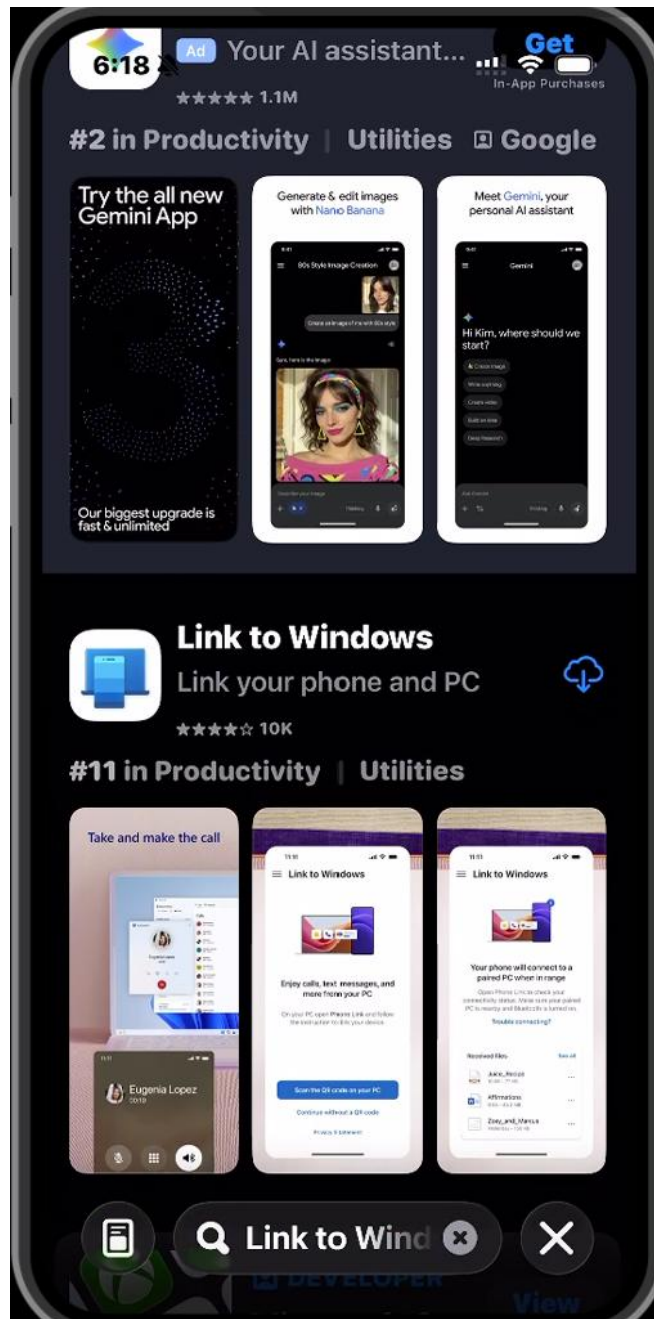






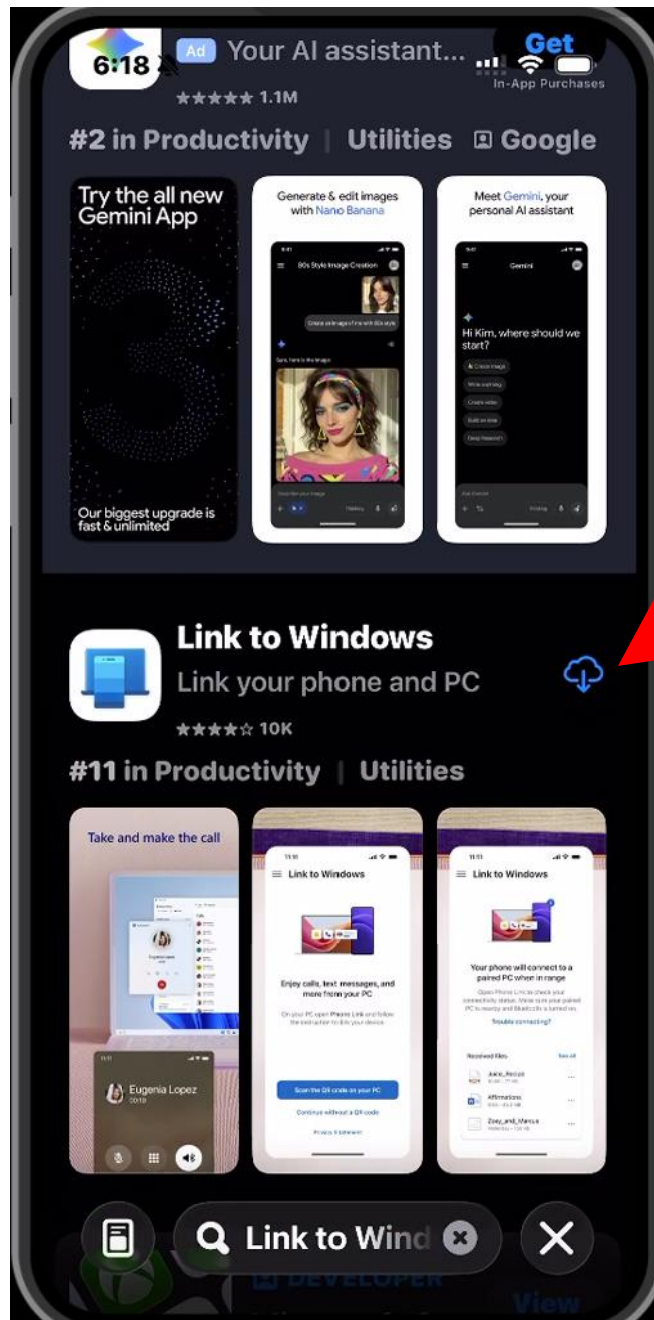


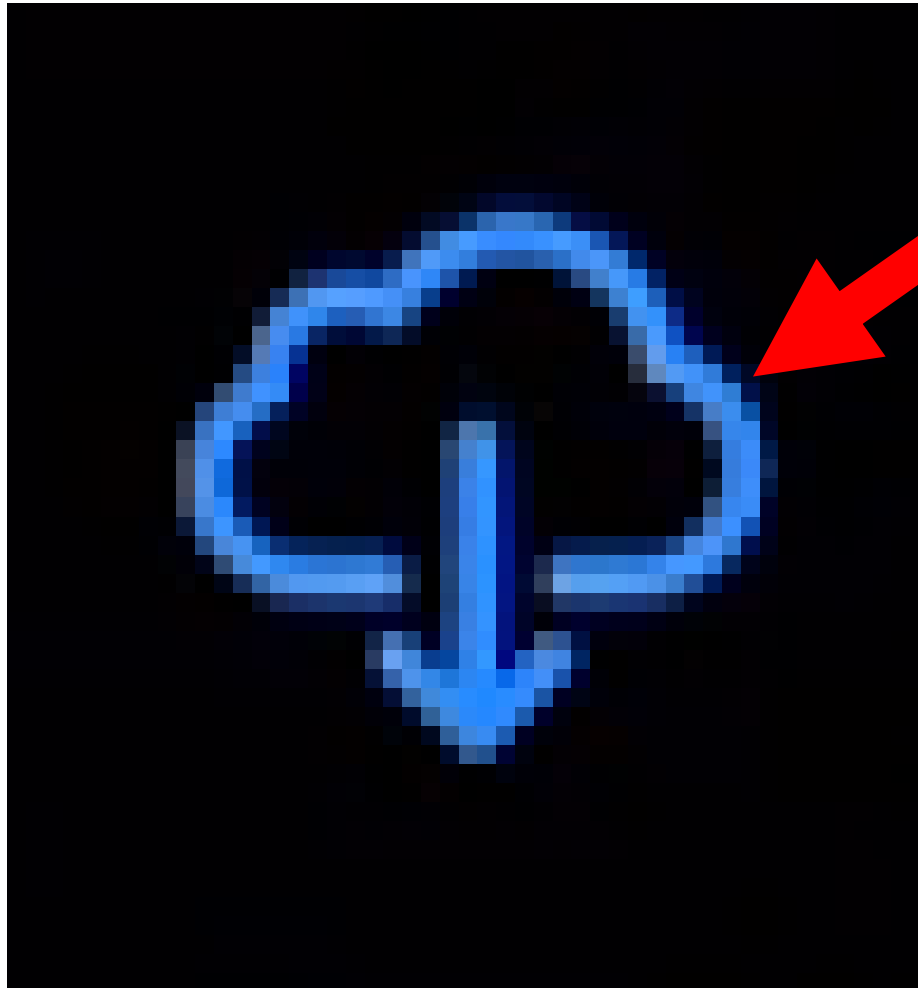




STEPS FOR INSTALLING "LINK TO WINDOWS" INTO A CELL PHONE (continued)

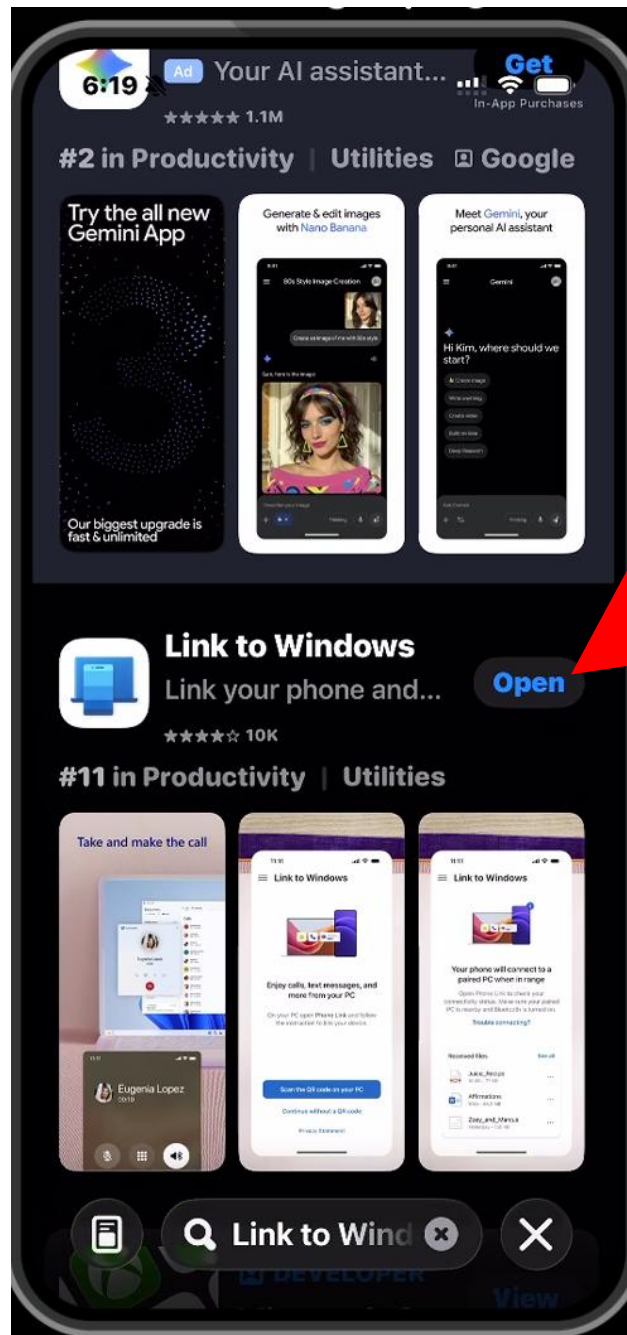
- Step 2:
Install or update "Link to Windows" in the cell phone (if you cannot find it already installed in the cell phone):

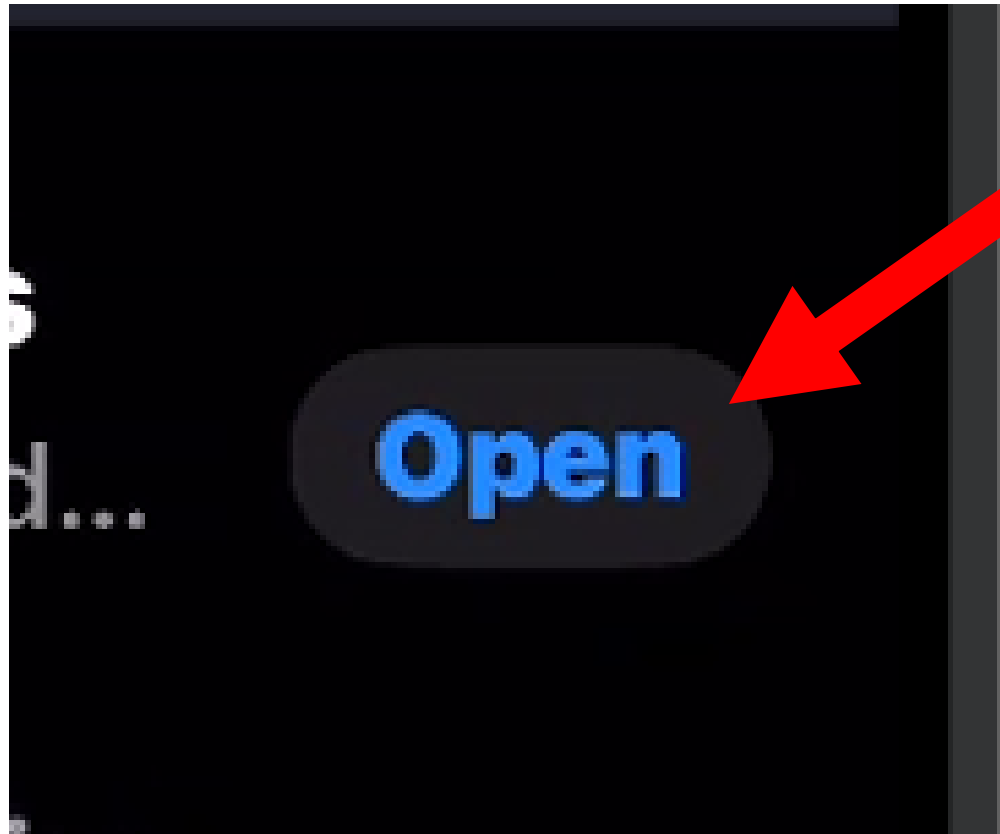




STEPS FOR INSTALLING "LINK TO WINDOWS" INTO A CELL PHONE (continued)

- Step 3:
From inside the cell phone, i then
start up
"Link to Windows":



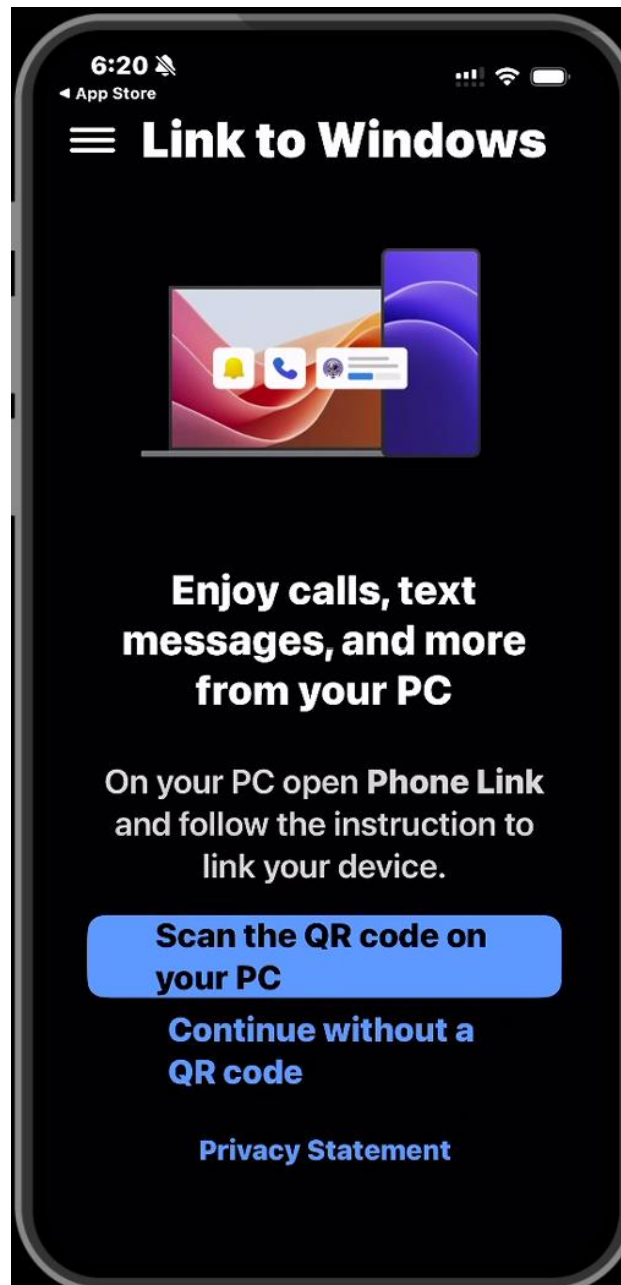


STEPS FOR INSTALLING "LINK TO WINDOWS" INTO A CELL PHONE (continued)

- Step 4:
From "Link to Windows" inside the cell phone, either log into an existing "Microsoft Account" or create a new one

STEPS FOR INSTALLING "LINK TO WINDOWS" INTO A CELL PHONE (continued)

- Step 5:
Leave the cell phone in it's vertical orientation so that it does not fall asleep



STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

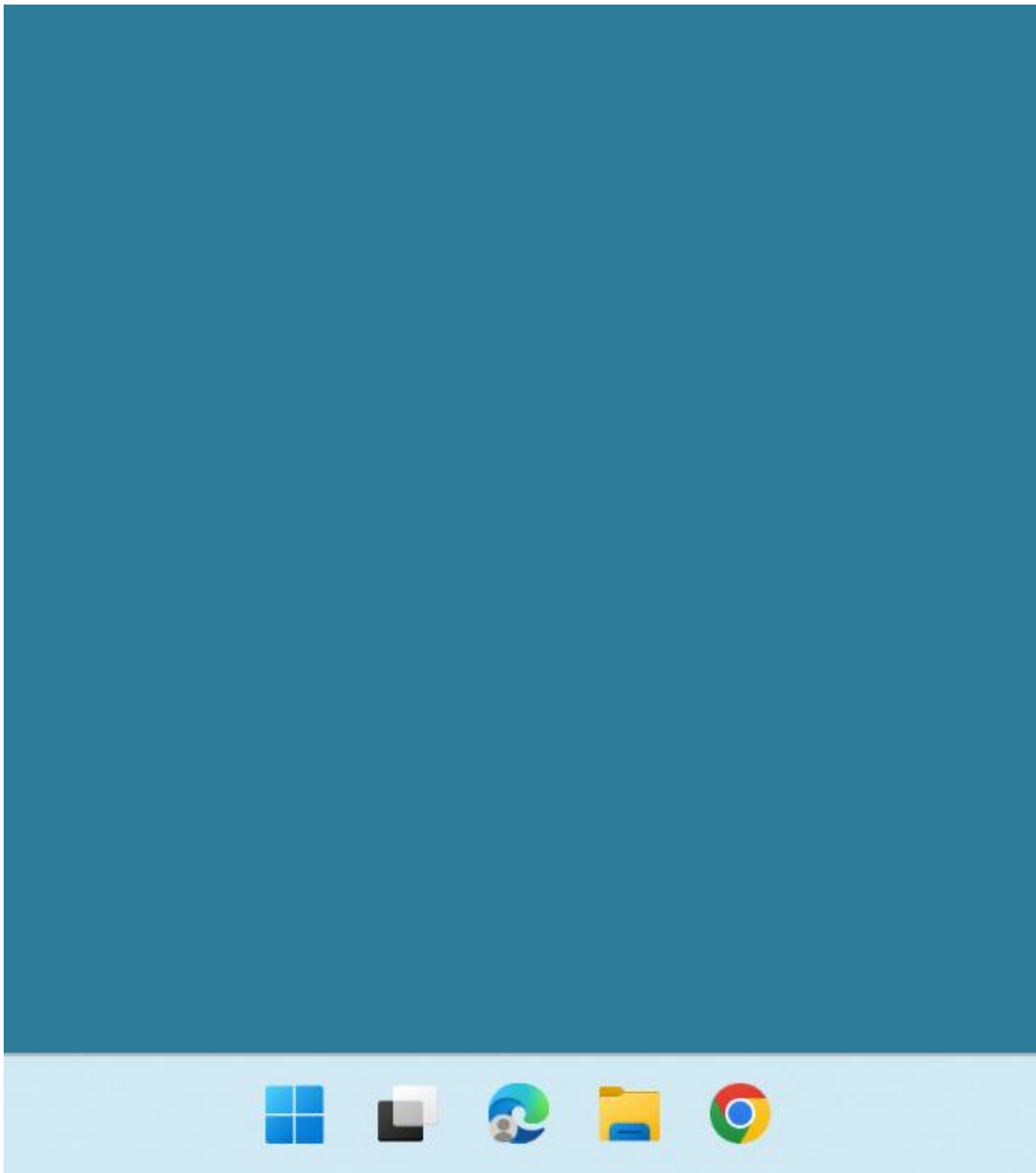
- Step 1:
From inside the "Windows 11" computer, locate the bundled "Phone Link" app in the "Start Menu" of a Windows 11 computer or a Windows10 computer:
- ("Phone Link" is a regular part of the "Windows 11" operating system.)

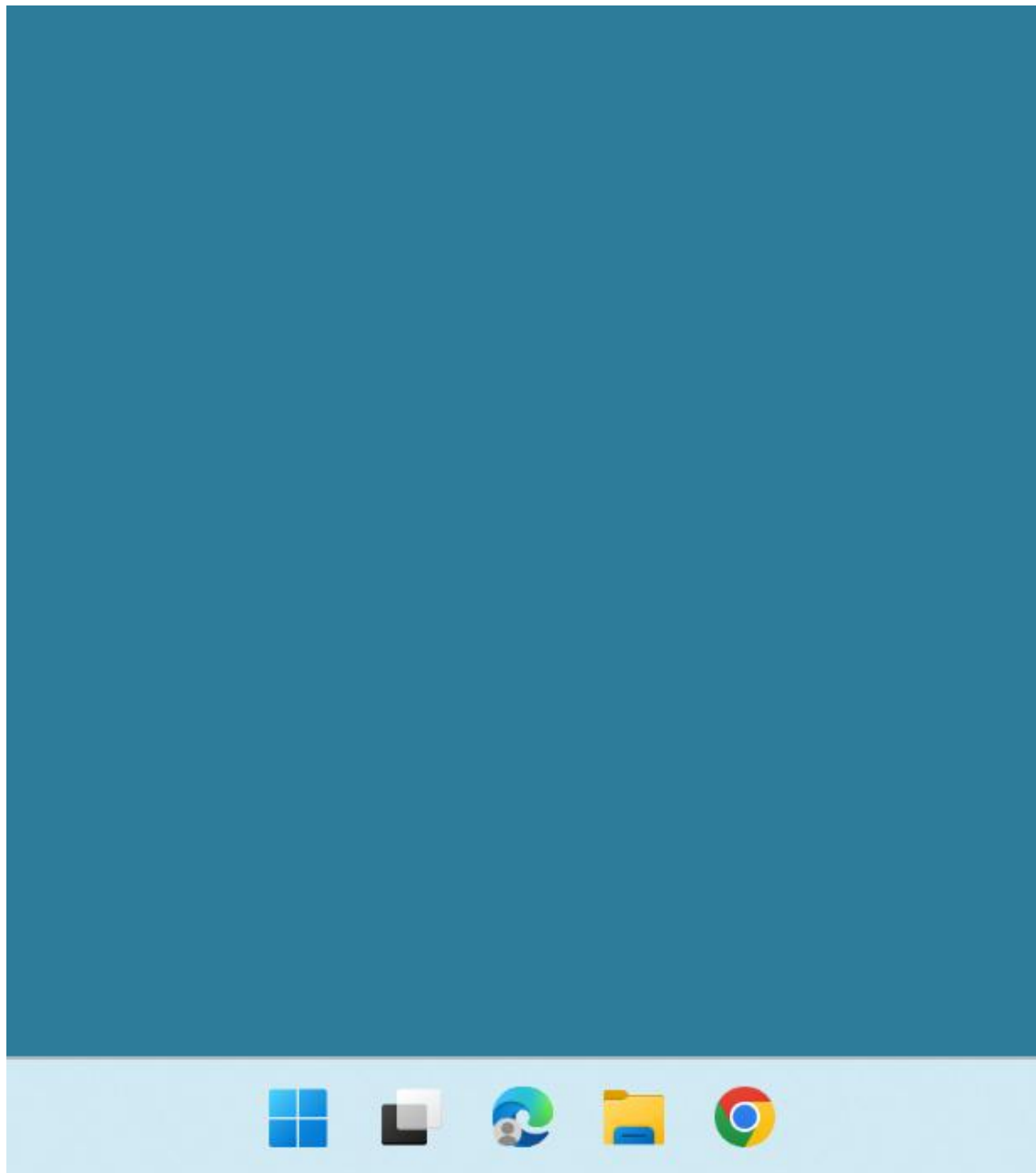
STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

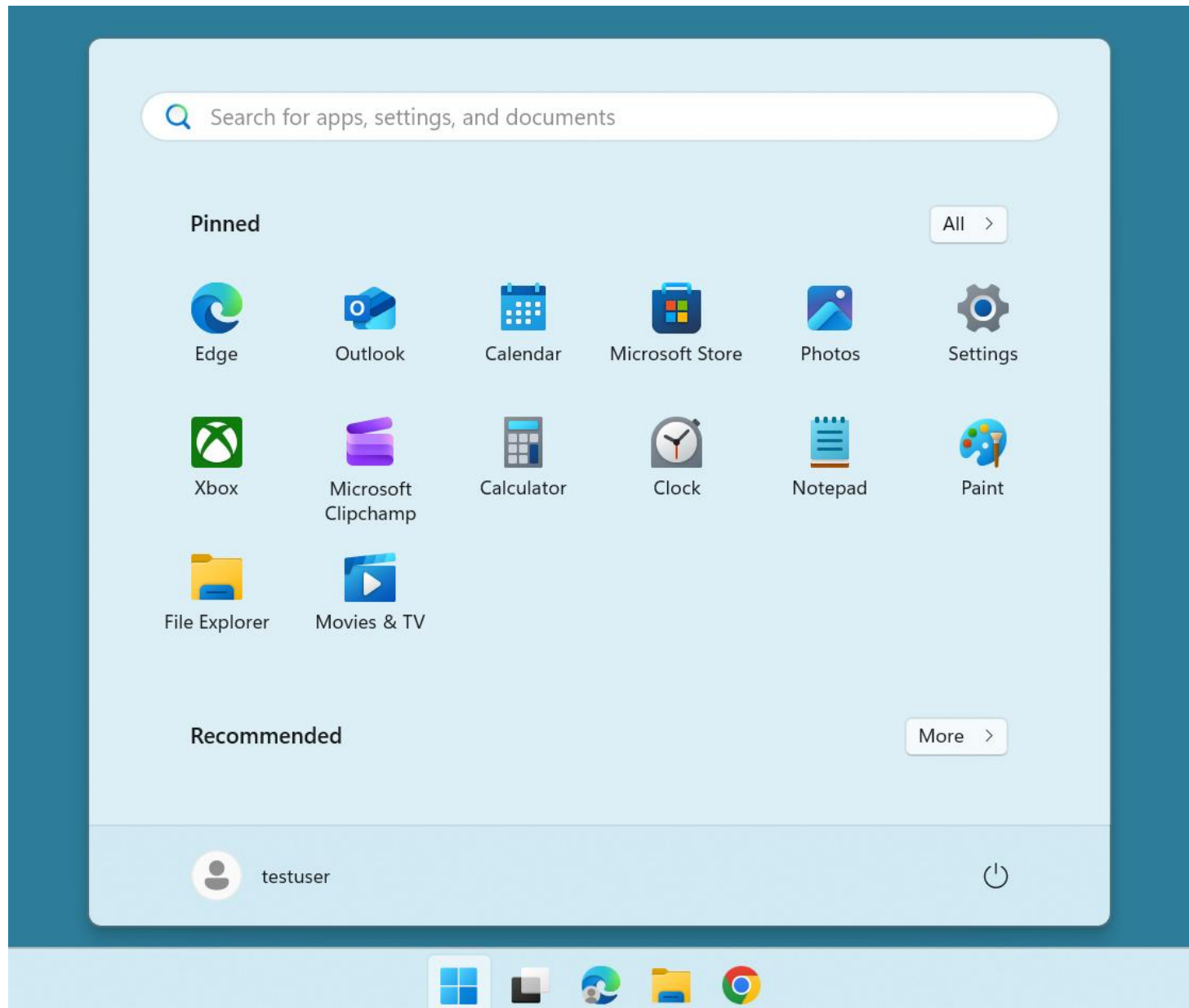
- In "Windows 11", you usually have to click on the "All" button of the "Start Menu" before you can locate "Phone Link" or you can usually find it in "Search" or "Type here to search"

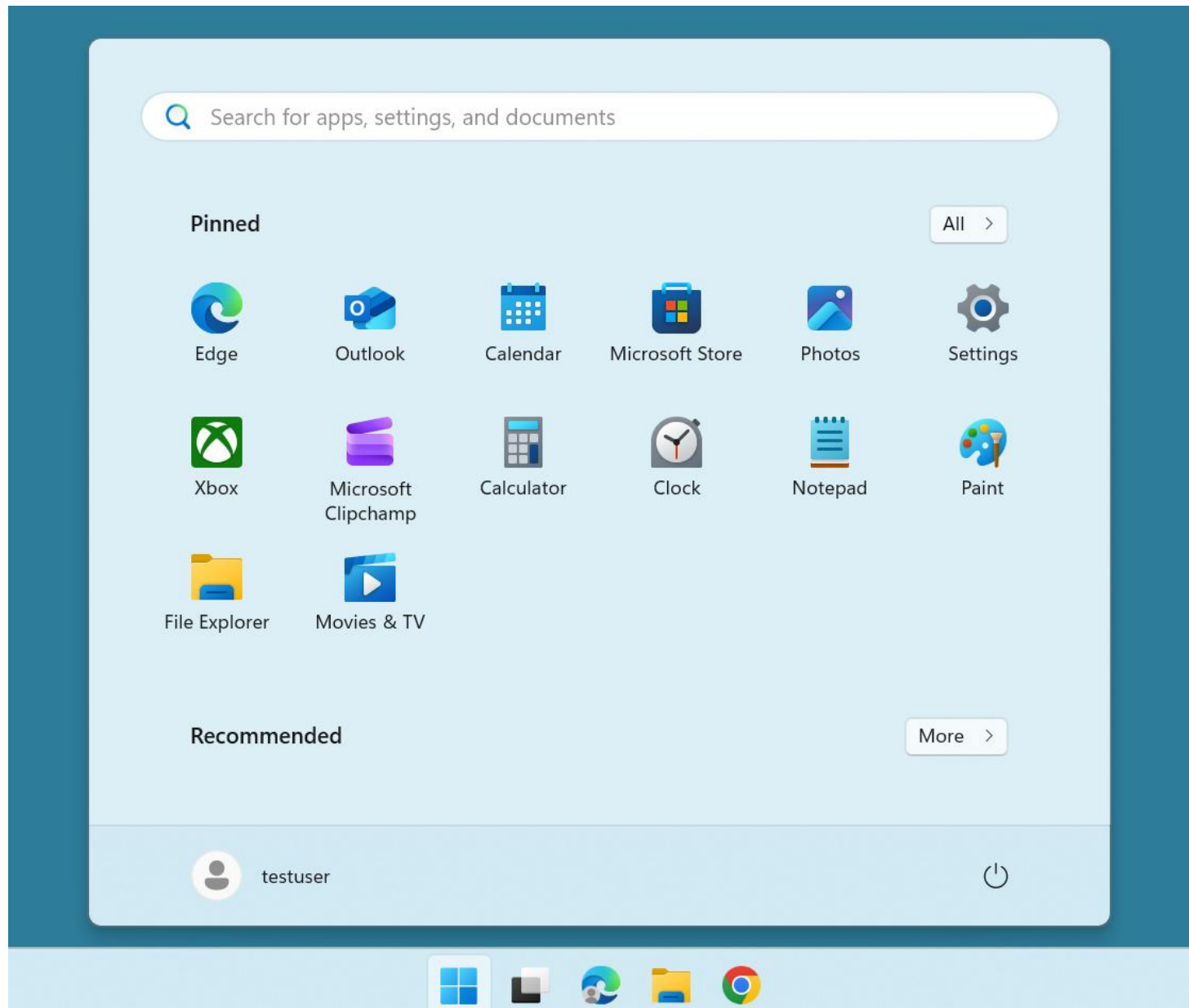
STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

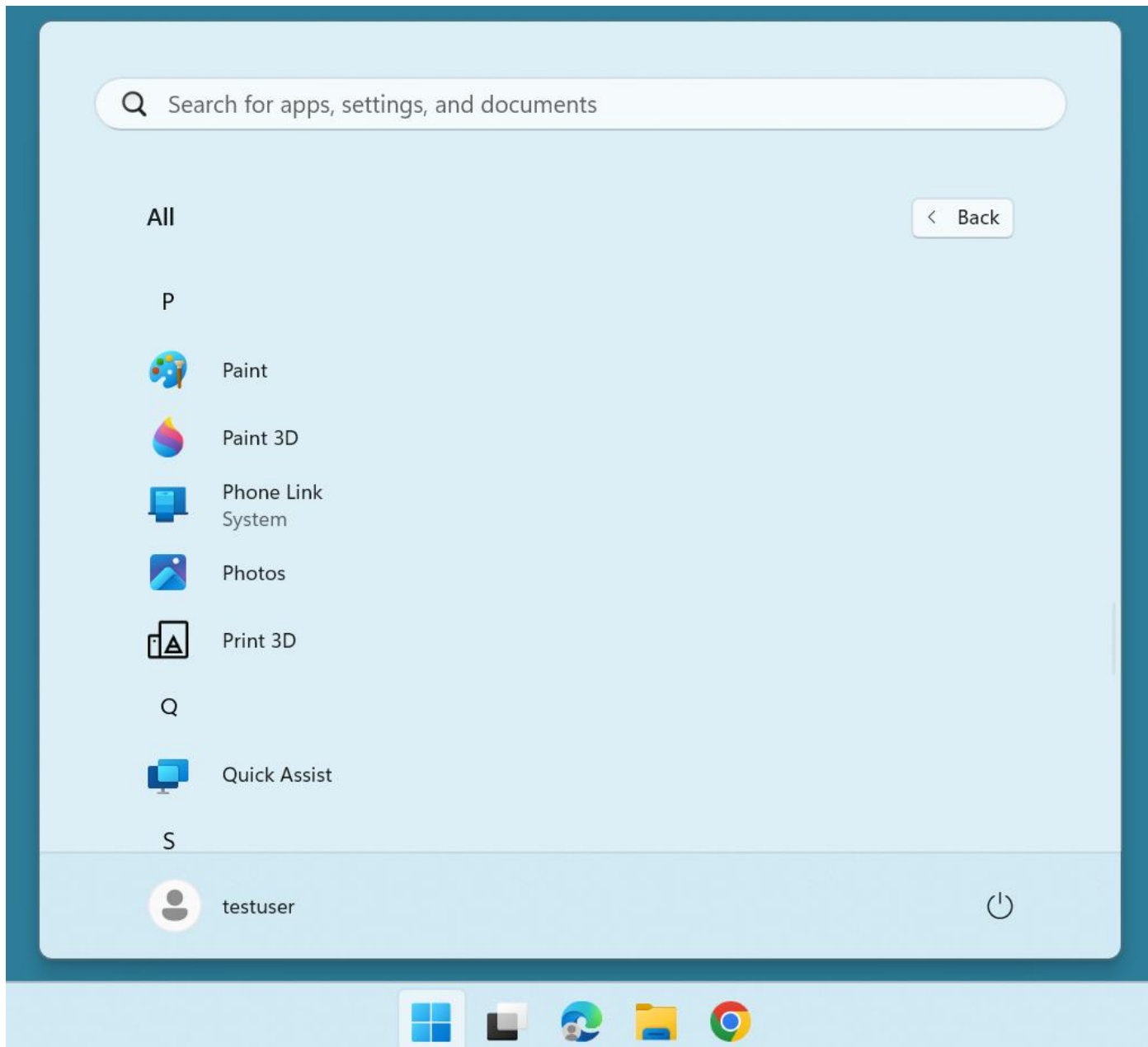
- If you have an old computer, "Phone Link" might be present under one of it's now obsolete names over the past 10 years,
- **"Phone Companion"** (2015)
which morphed into
"Your Phone" (2020)
which morphed into
"Phone Link" (2022)





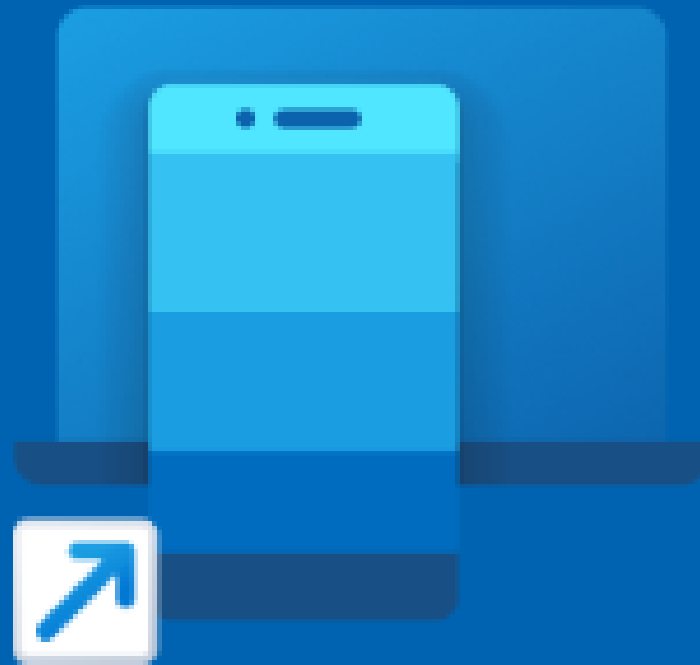




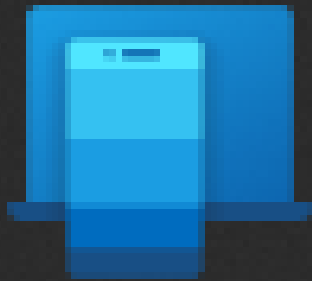


STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

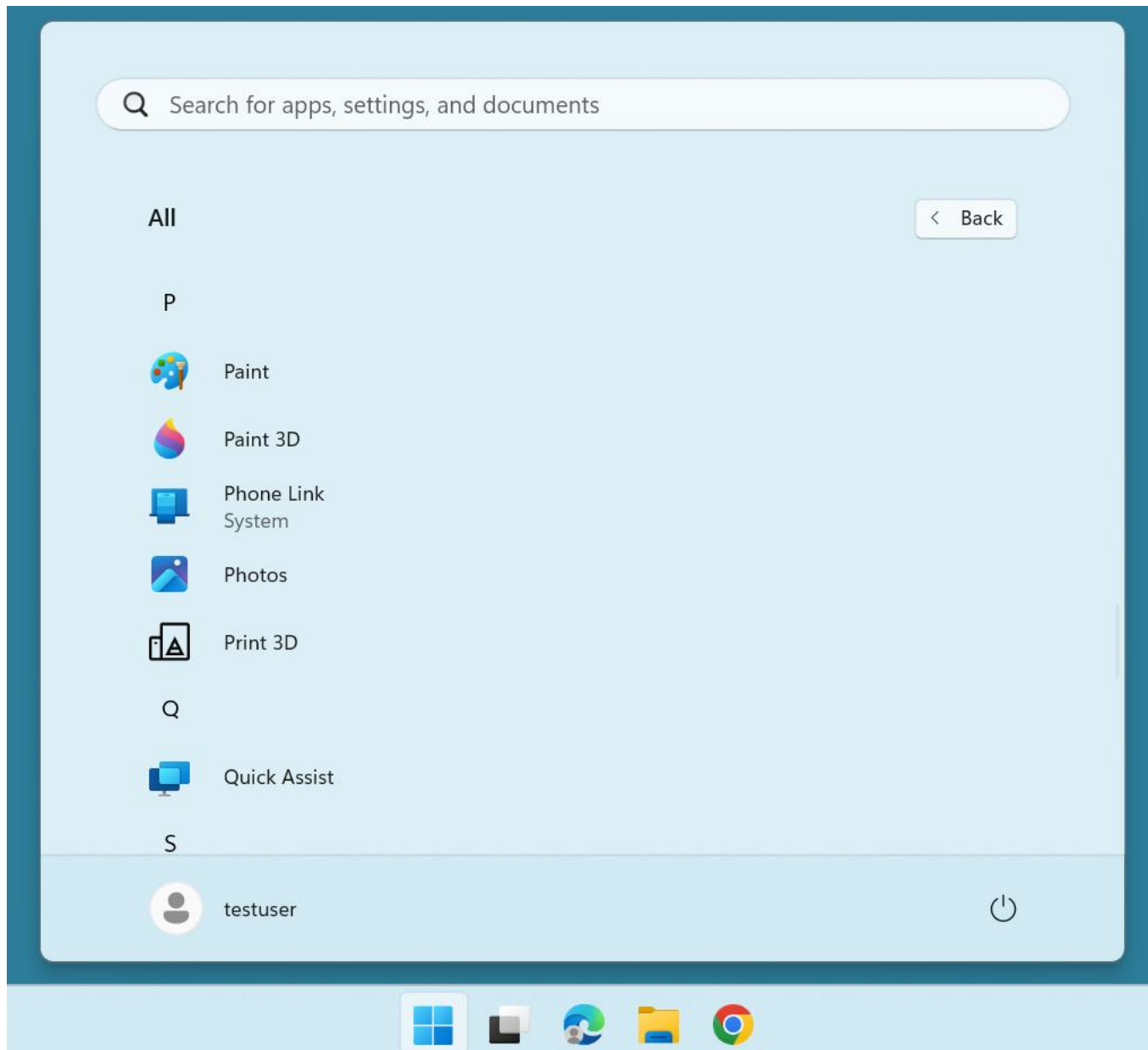
- Step 2:
Use the LEFT mouse button to double-click on the "Phone Link" app



Phone Link -
Shortcut

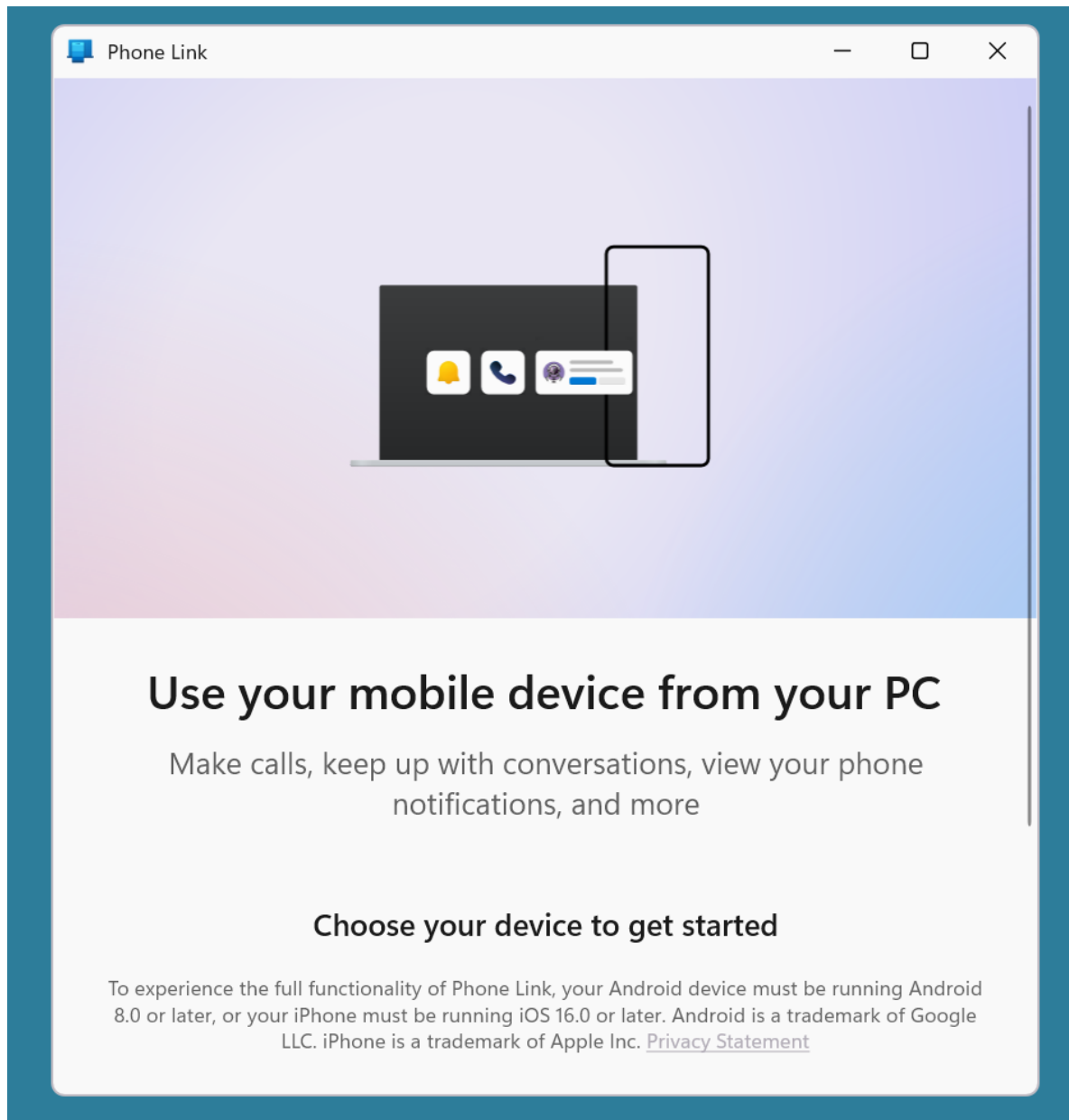


Phone Link System



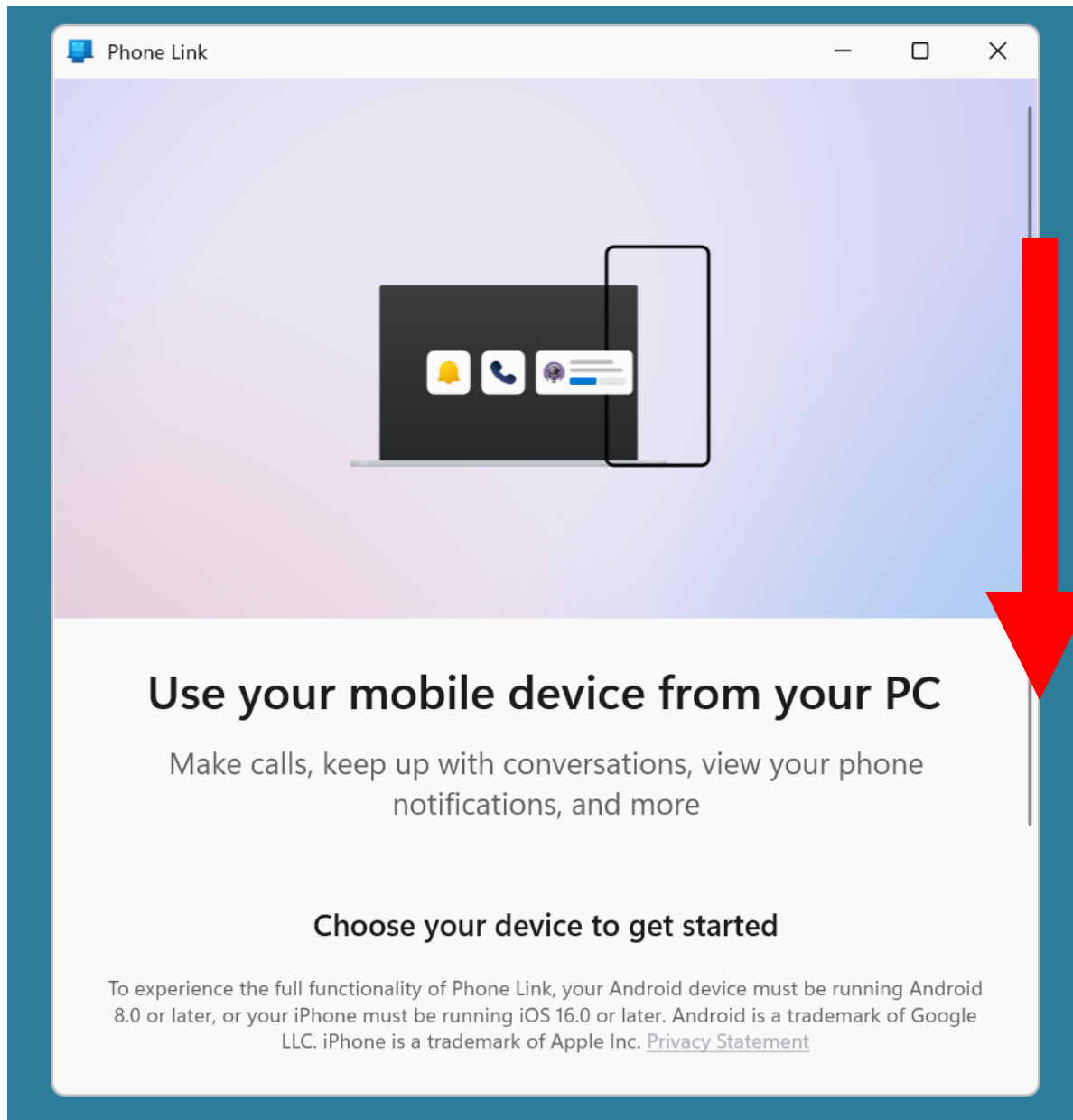
STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

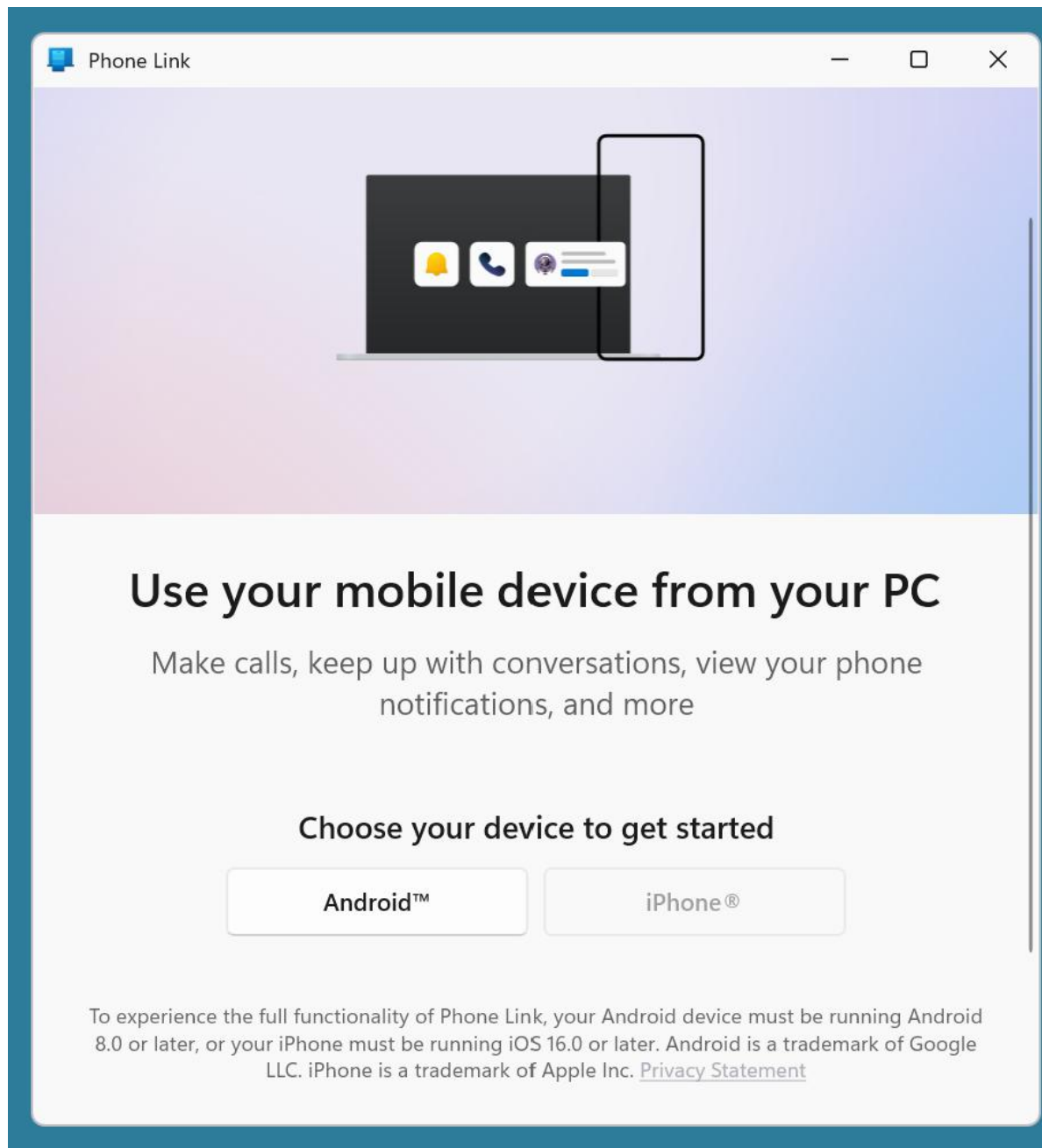
- Step 3:
A "Phone Link" box will be displayed:



STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

- Step 4:
Scroll vertically downward to display
the bottom of the "Phone Link" box:





Choose your device to get started

Android™

iPhone®

STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

- Step 5:
Use the LEFT mouse button to select whether you want to connect to an Android cell phone or an Apple "iPhone"

STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

- Step 5 (continued):
The "iPhone" button will be grayed out and unavailable if your "Windows 11" computer has a "Bluetooth" transmitter-receiver that is not capable of communicating in the "Bluetooth Low Energy" format since "Bluetooth" pairing and connecting with an "iPhone" has to be in the "Bluetooth Low Energy" format.
(Android cell phones are not as picky.)

STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

- Step 5 (continued):
To see if the Bluetooth transmitter-receiver in your computer is capable of communicating with "Bluetooth Low Energy" format (only if you are connecting "Phone Link" to an "iPhone"):
Use the RIGHT mouse button to click on the Windows "Start Button."
Then use the LEFT mouse button to click on Device Manager.
Then use the LEFT mouse button to click on the ">" to expand the "Bluetooth" item.



Device Manager



File Action View Help



Audio inputs and outputs



Audio Processing Objects (APOs)



Bluetooth



Computer



Disk drives



Display adapters



Firmware



Human Interface Devices



IDE ATA/ATAPI controllers



Keyboards



Mice and other pointing devices



Monitors



Network adapters



Other devices



Portable Devices



Universal Serial Bus controllers



Device Manager



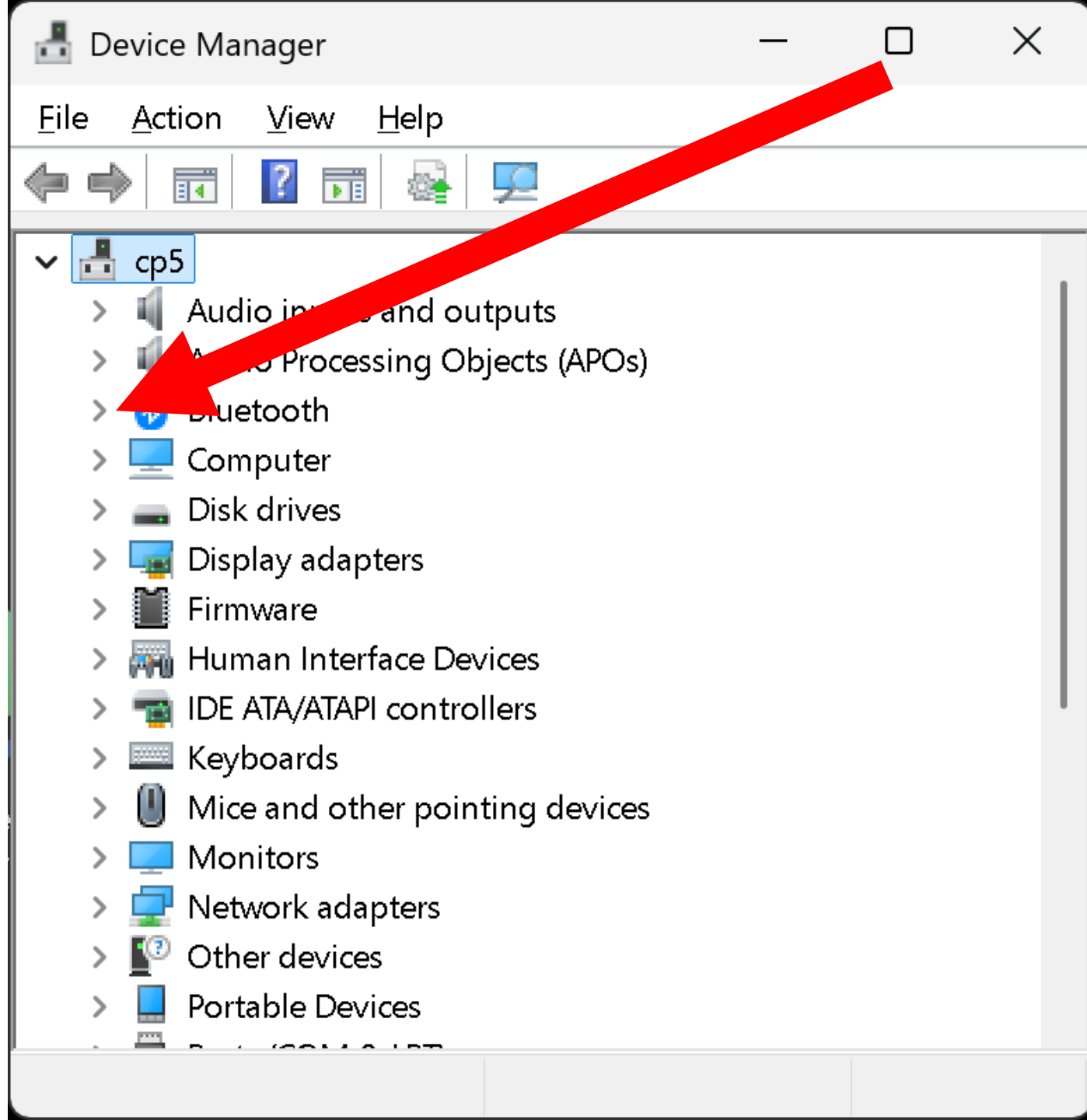
File Action View Help



cp5

- > Audio inputs and outputs
- > Audio Processing Objects (APOs)
- > Bluetooth
- > Computer
- > Disk drives
- > Display adapters
- > Firmware
- > Human Interface Devices
- > IDE ATA/ATAPI controllers
- > Keyboards
- > Mice and other pointing devices
- > Monitors
- > Network adapters
- > Other devices
- > Portable Devices







Device Manager



File Action View Help



cp5



Audio inputs and outputs



Audio Processing Objects (APOs)



Bluetooth



BLU Z4 Z190



BLU Z4 Z190



BLU Z4 Z190 Avrcp Transport



Bluetooth Device (RFCOMM Protocol TDI)



iPhone



iPhone Avrcp Transport



Microsoft Bluetooth Enumerator



Microsoft Bluetooth LE Enumerator



Realtek Bluetooth Adapter



Computer



Disk drives



Display adapters





Device Manager



File Action View Help



cp5



Audio inputs and outputs



Audio Processing Objects (APOs)



Bluetooth



BLU Z4 Z190



BLU Z4 Z190



BLU Z4 Z190 Avrcp Transport



Bluetooth Device (RFCOMM Protocol TDI)



iPhone



iPhone Avrcp Transport



Microsoft Bluetooth Enumerator



Microsoft Bluetooth LE Enumerator



Realtek Bluetooth Adapter



Computer



Disk drives



Display adapters



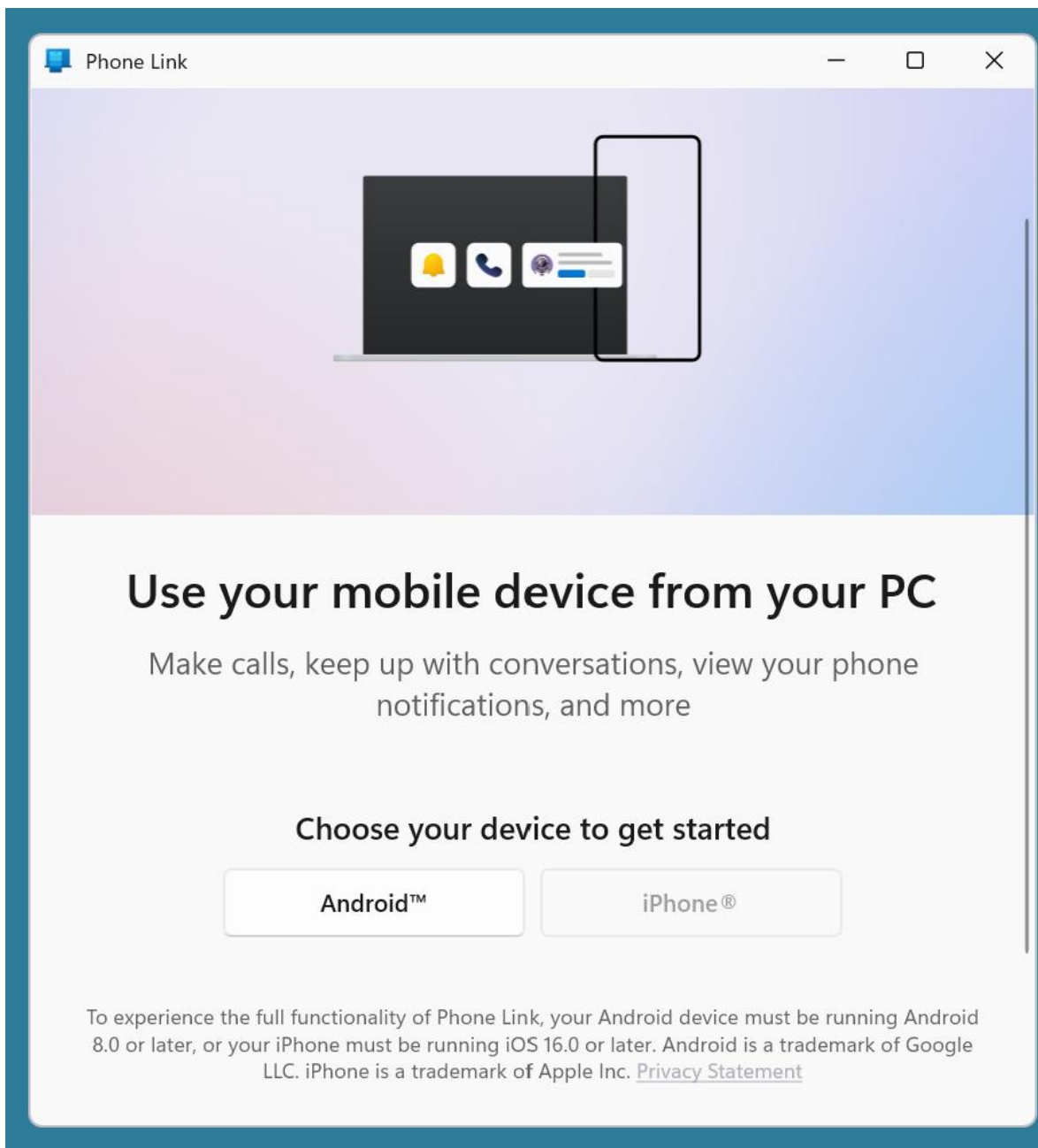
Microsoft Bluetooth Enumerator



Microsoft Bluetooth LE Enumerator

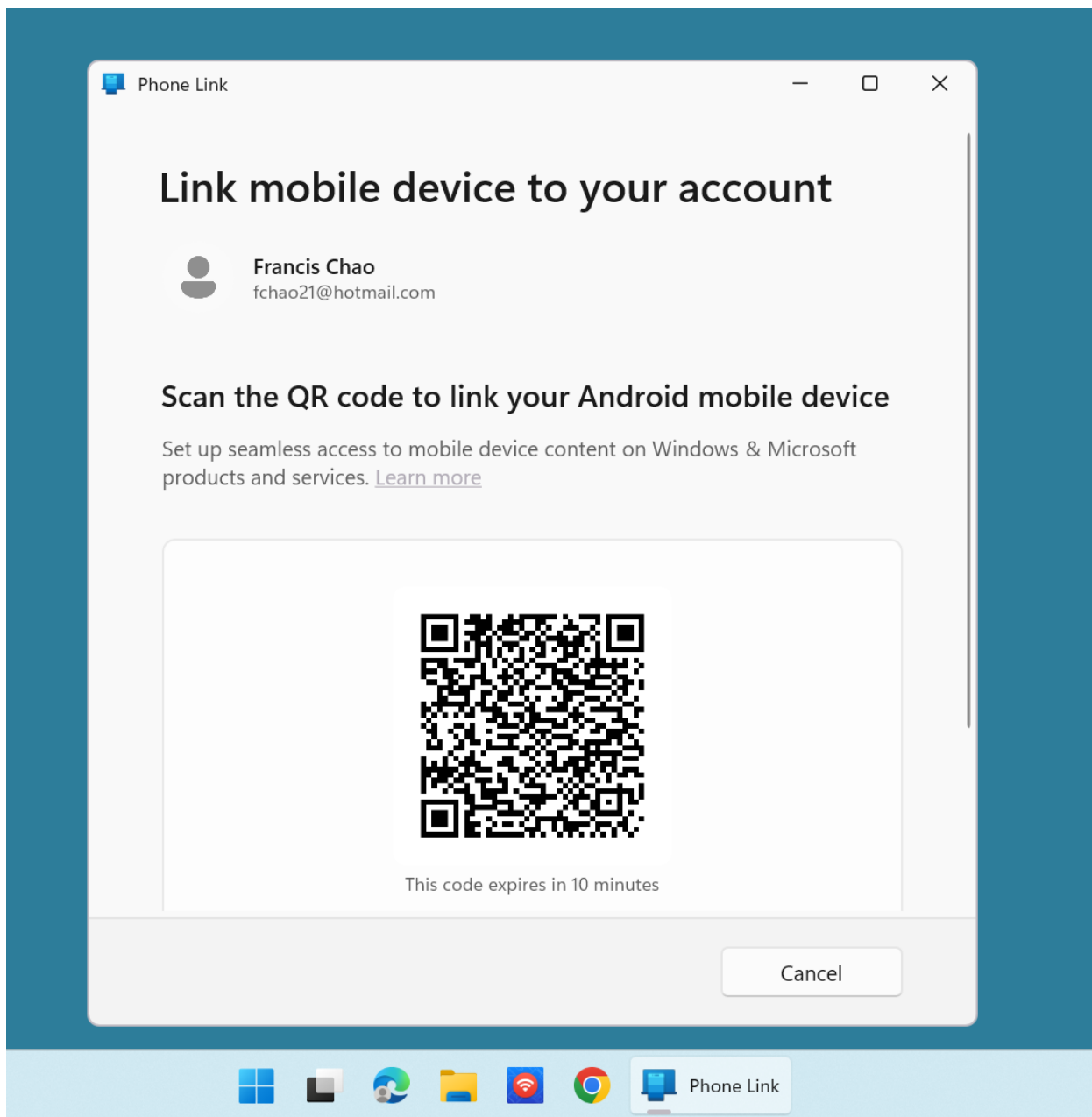


Realtek Bluetooth Adapter



STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

- Step 6:
Use the camera of the cell phone to scan the QR code that is being displayed inside the "Phone Link" app inside "Windows 11":



Link mobile device to your account



Francis Chao
fchao21@hotmail.com

Scan the QR code to link your Android mobile device

Set up seamless access to mobile device content on Windows & Microsoft products and services. [Learn more](#)



This code expires in 10 minutes

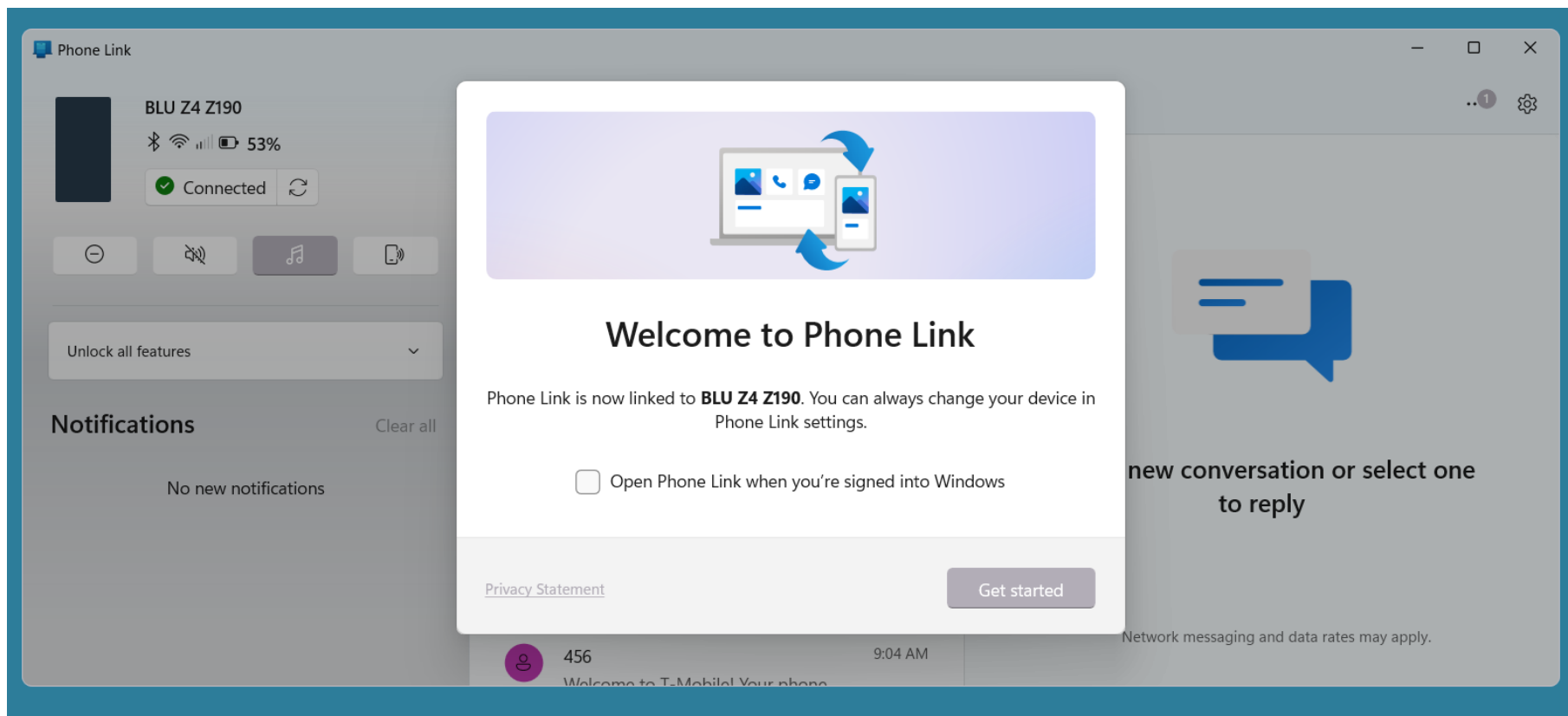
Cancel

STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

- Step 7: Follow the instructions in the cell phone AND in the "Phone Link" app in "Windows 11" to establish a connection between "Link to Windows" in the cell phone and "Phone Link in the Windows 11 computer

STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

- Step 8: When a connection is established between "Link to Windows" in the cell phone and "Phone Link" in the Windows 11 computer, a "Phone Link" window with the activated "Messages", "Calls", "Apps", and "Photos" tabs will be displayed.





Welcome to Phone Link

Phone Link is now linked to **BLU Z4 Z190**. You can always change your device in Phone Link settings.

☐ Open Phone Link when you're signed into Windows

[Privacy Statement](#)

Get started



456

9:04 AM

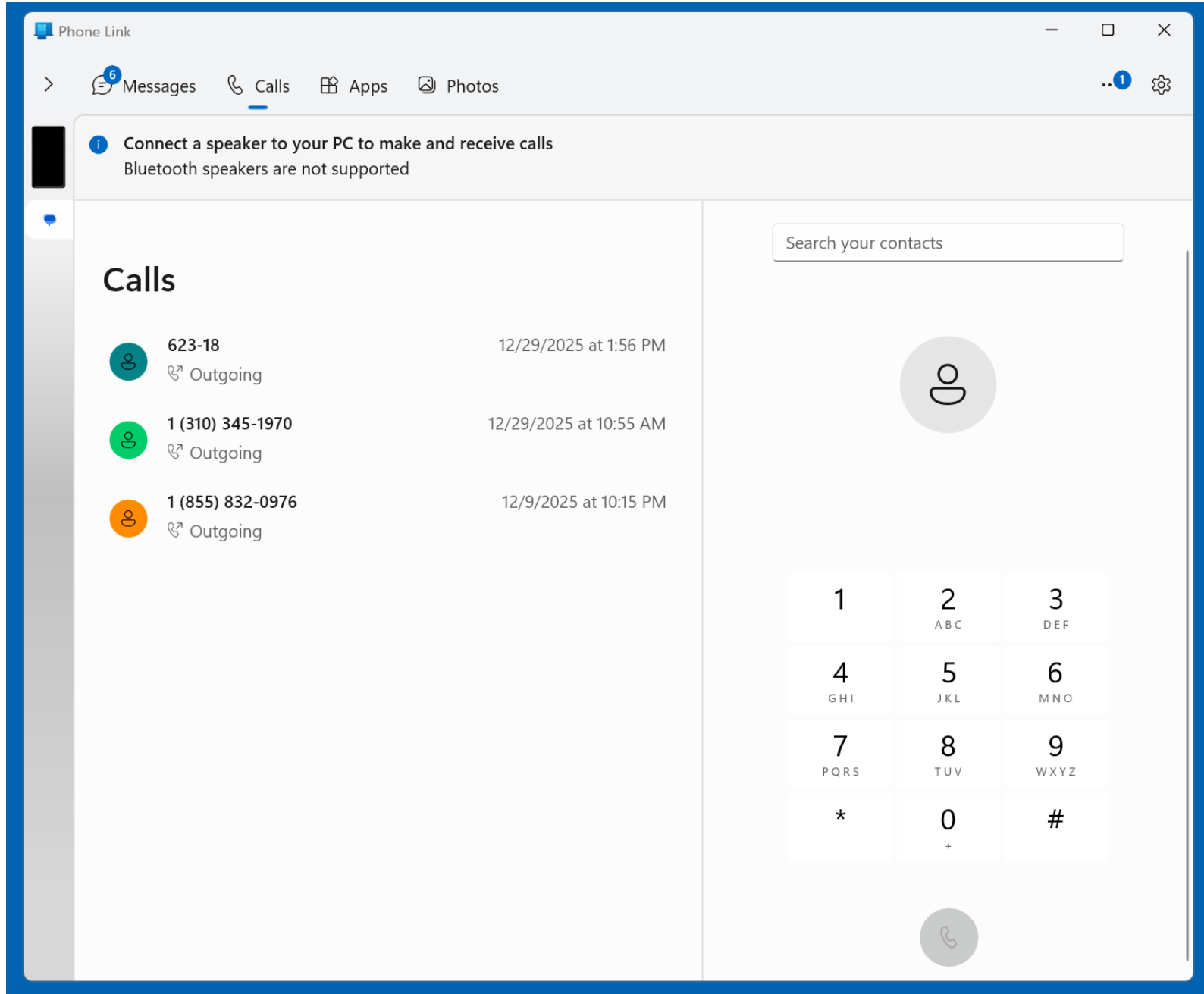
Welcome to T-Mobile! Your phone

STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

- Step 9: Click on the "Get started" button in order to start using the activated "Phone Link" window to control the cell phone:

STEPS FOR CONFIGURING "PHONE LINK" IN "WINDOWS 11" (continued)

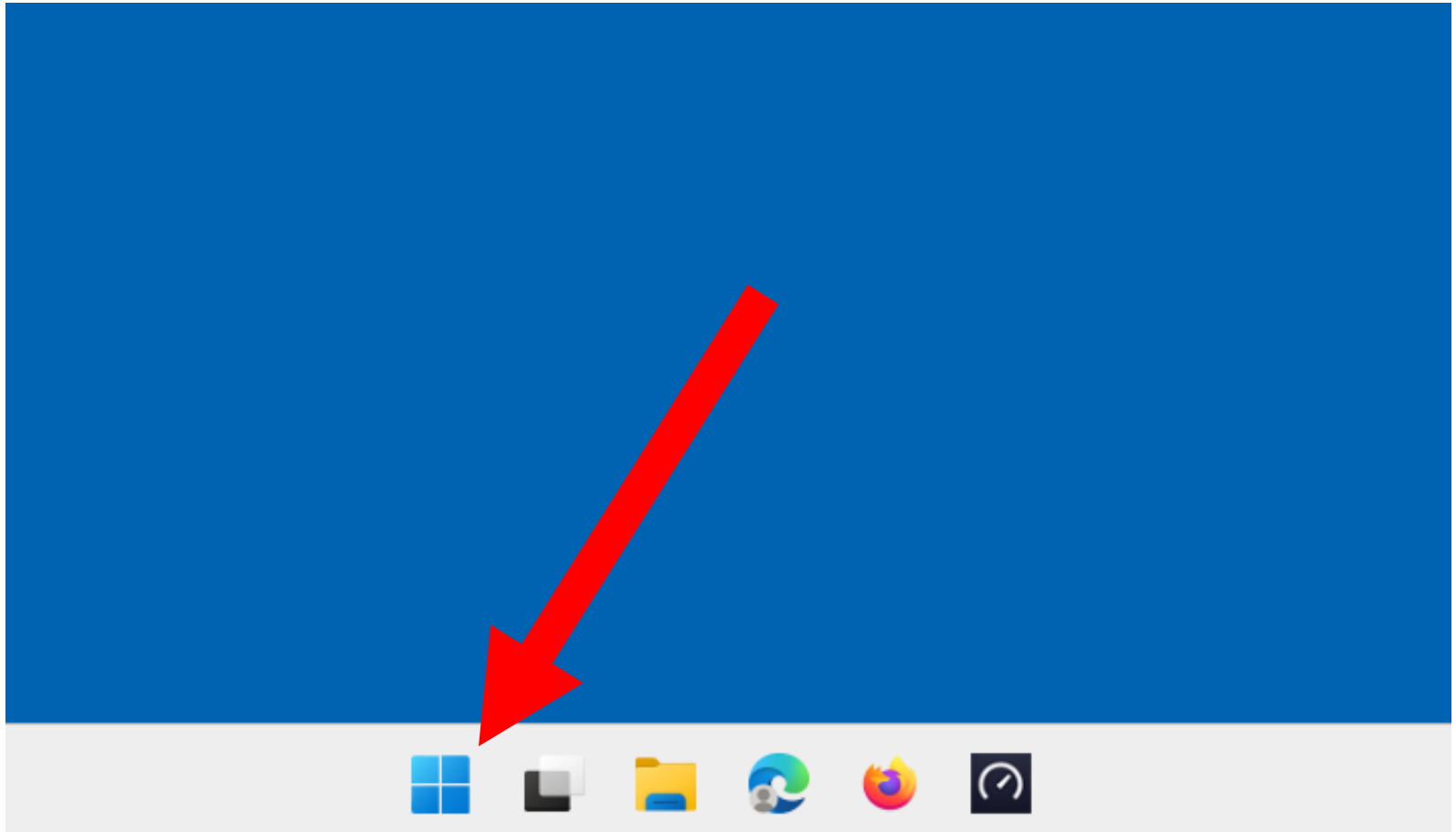
- Step 9: continued:
For most functions of the cell phone, you will have a choice between using the displayed image of the cell phone, the tabbed screens of the "Phone Link" app, or the actual cell phone:

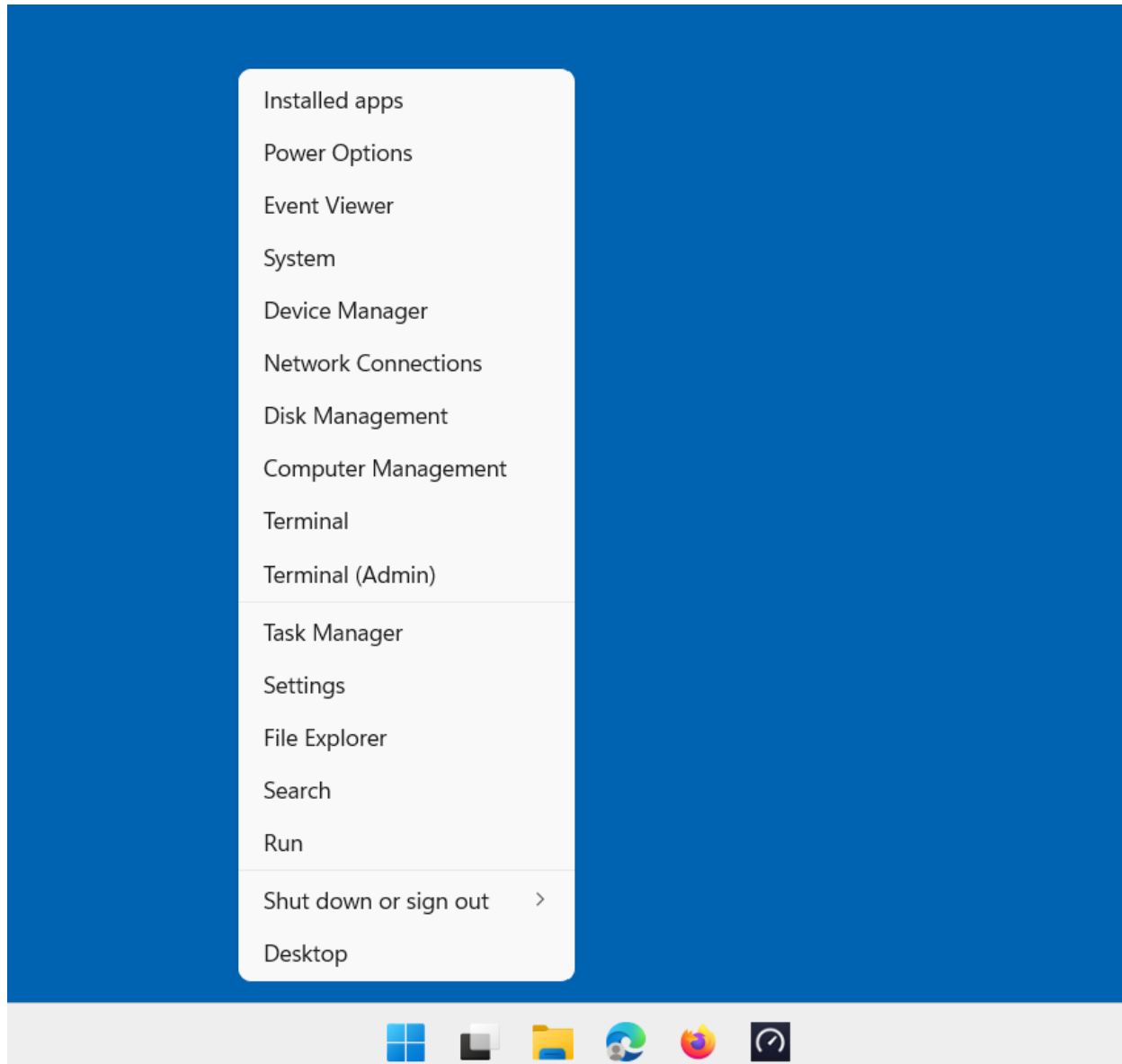


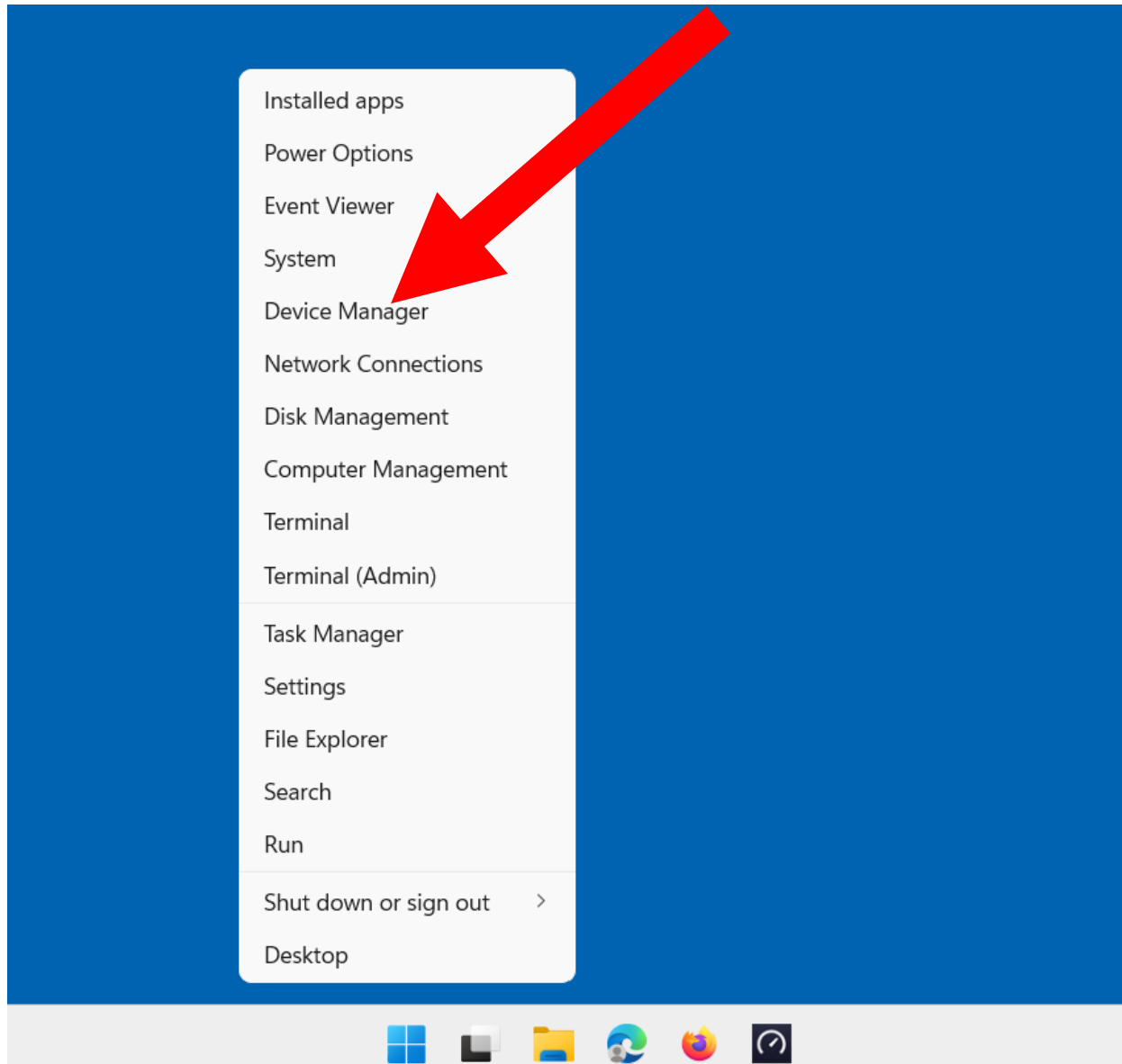
IF THE "CALLS" TAB OF "PHONE LINK" IS NOT WORKING..

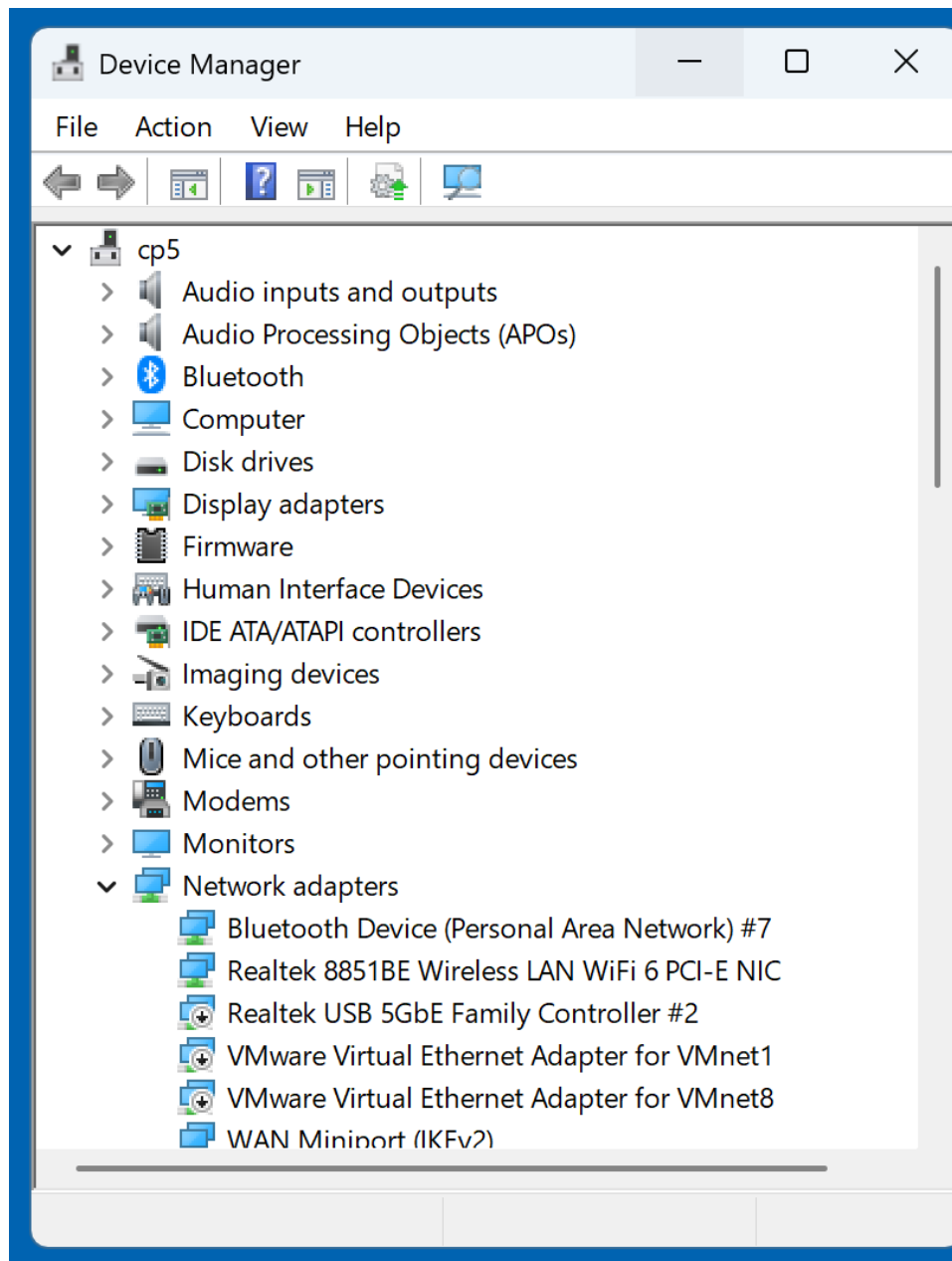
- ..and all the other tabs and functions in "Phone Link" work, go to "Device Manager" in "Windows 11" and expand the "Bluetooth" section.
Then use the RIGHT mouse button to do an "Uninstall device" on the "Bluetooth adapter."
Then reboot the computer.

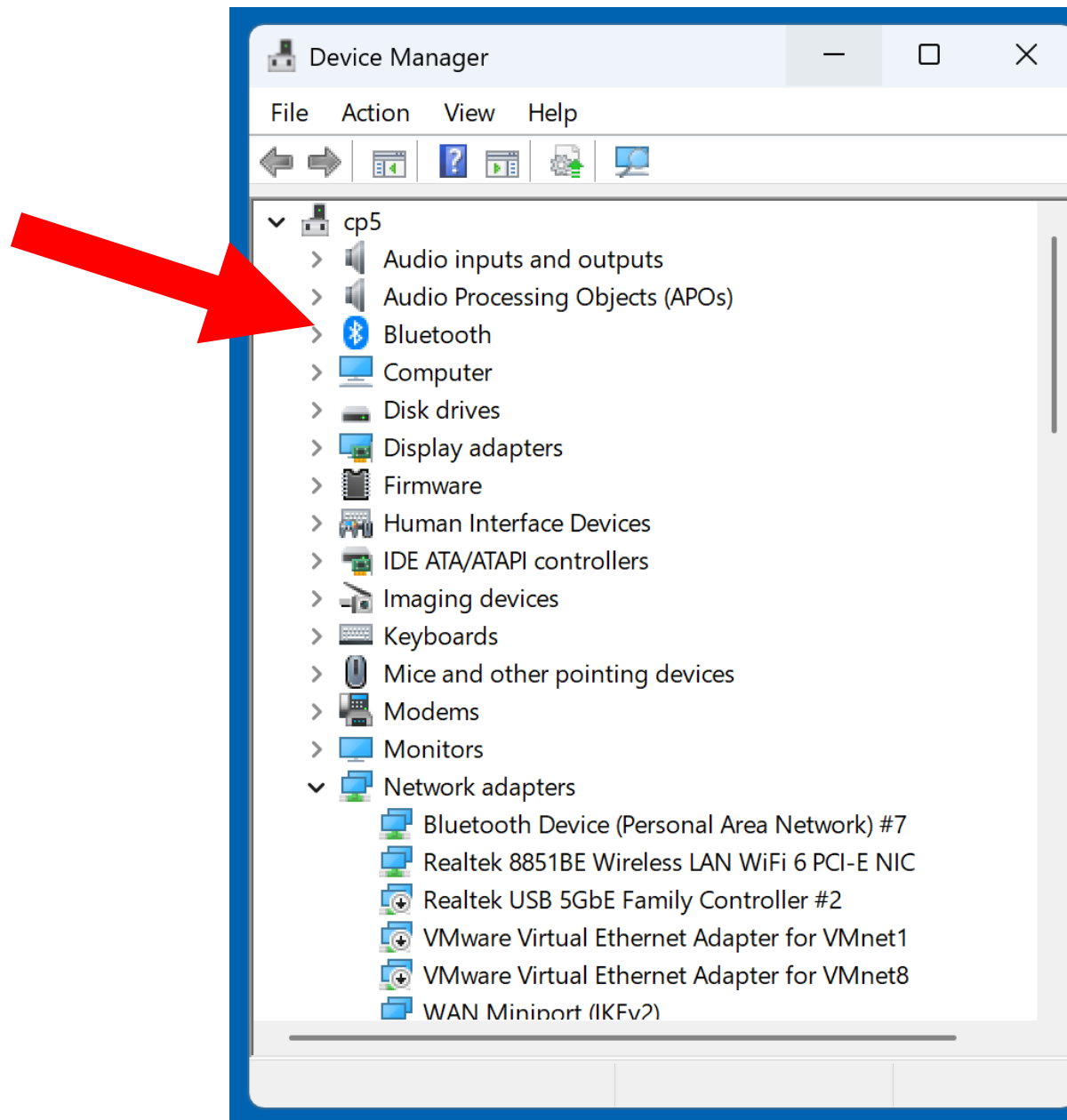


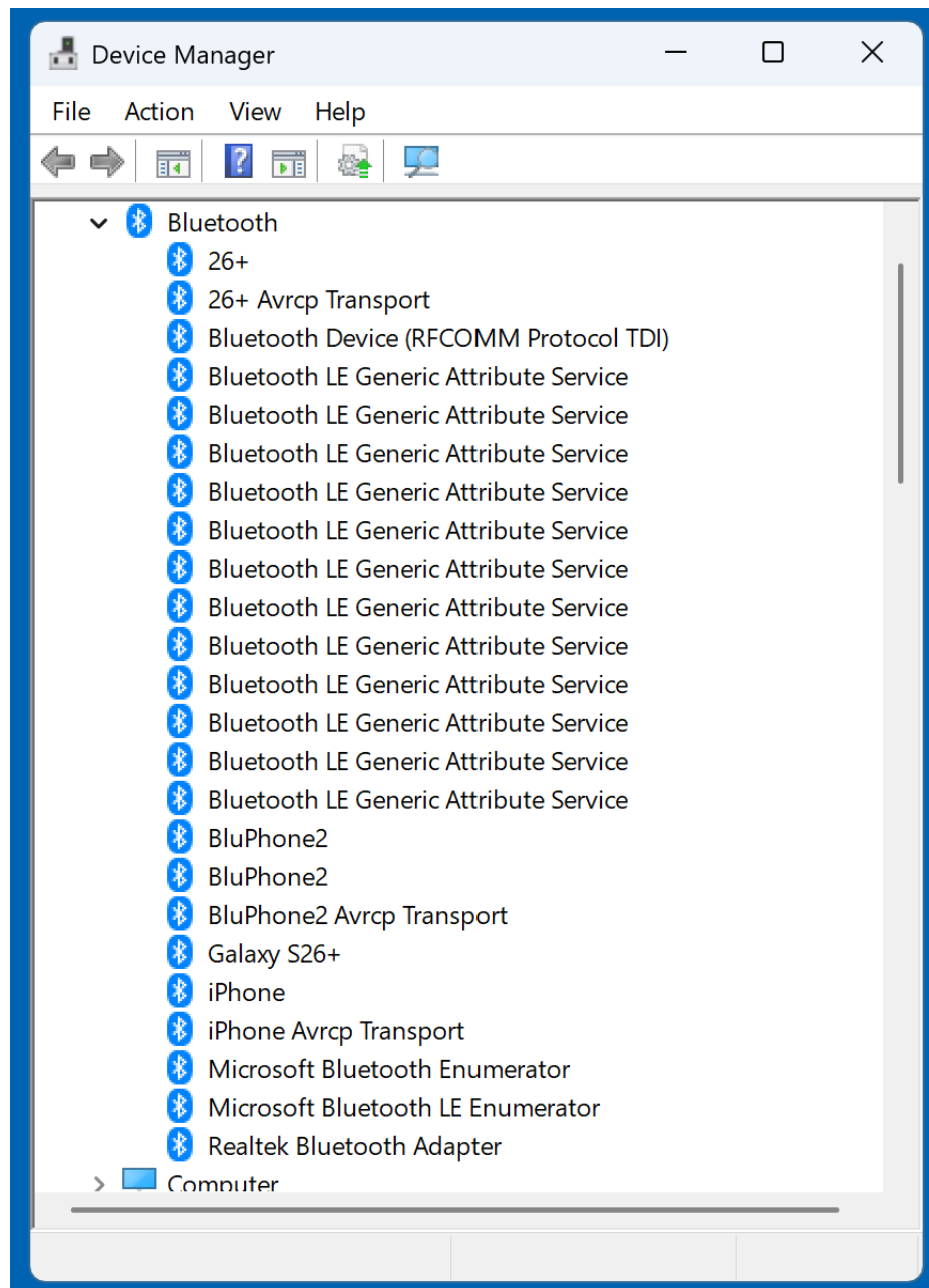


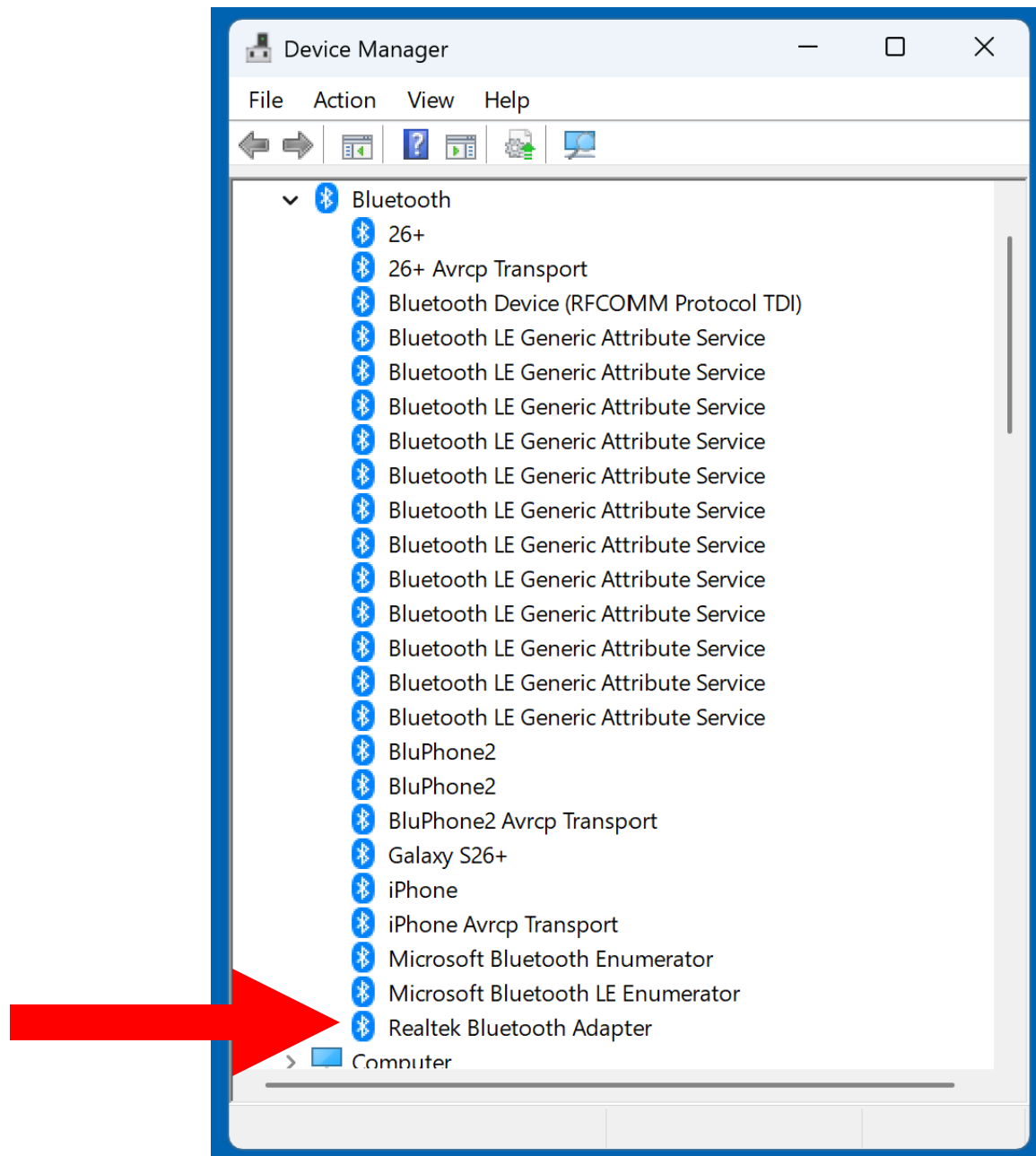












- Bluetooth LE Generic Attribute Service
- Bluetooth LE Generic Attribute Service
- BluPhone2
- Blu
- Blu
- Ga
- iPh
- iPh
- Mi
- Mi
- Realtek Bluetooth Adapter

Update driver

Disable device

Uninstall device

Scan for hardware changes

Properties

> Computer

- Bluetooth LE Generic Attribute Service
- Bluetooth LE Generic Attribute Service
- BluPhone2
- Blu
- Blu
- Ga
- iPh
- iPh
- Mi
- Mi
- Realtek Bluetooth Adapter

Update driver

Disable device

Uninstall device

Scan for hardware changes

Properties

> Computer

IF YOU HAVE MULTIPLE CELL PHONES TO SELECT FOR "PHONE LINK"..

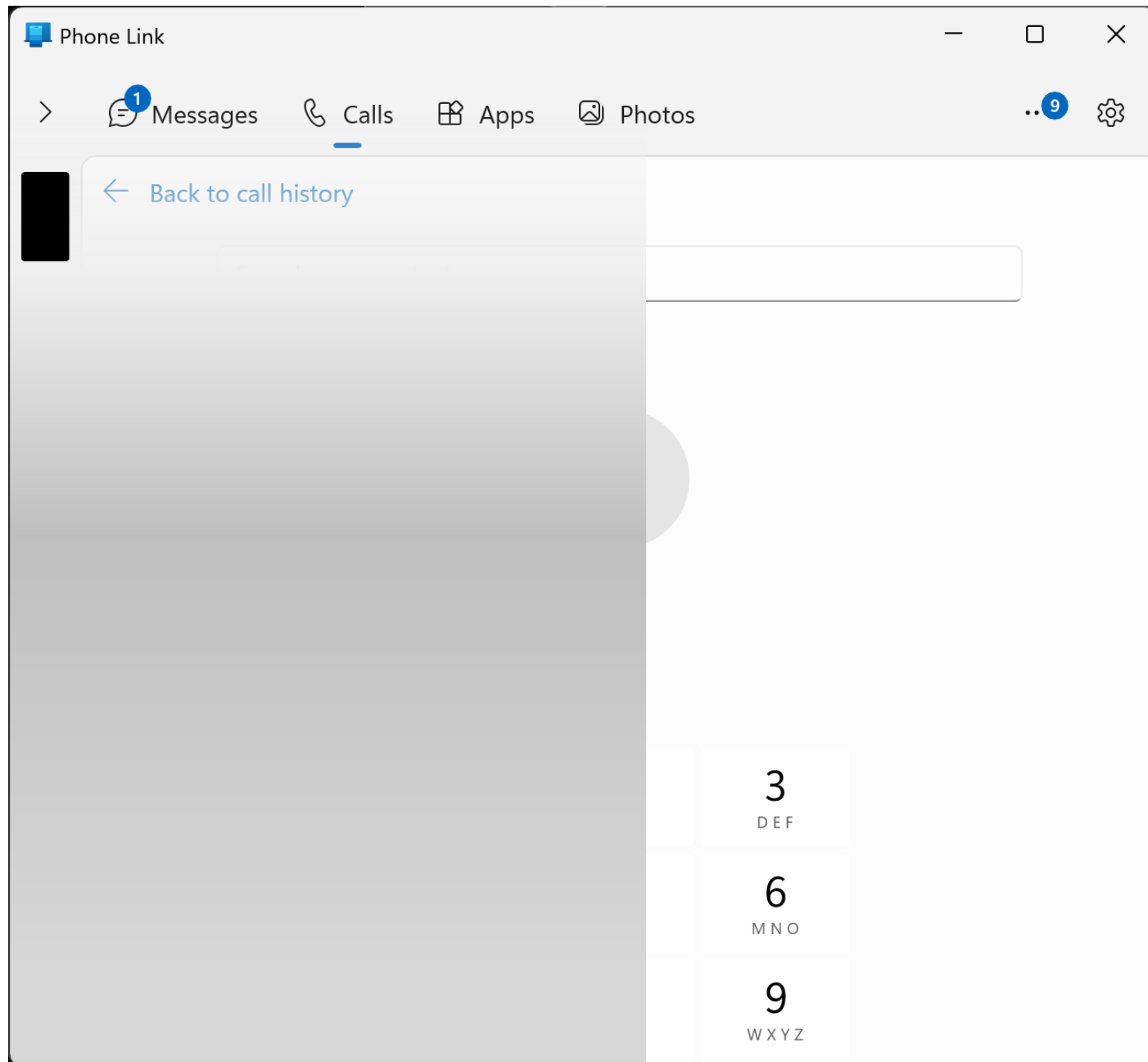
- ..you can select between them as follows:

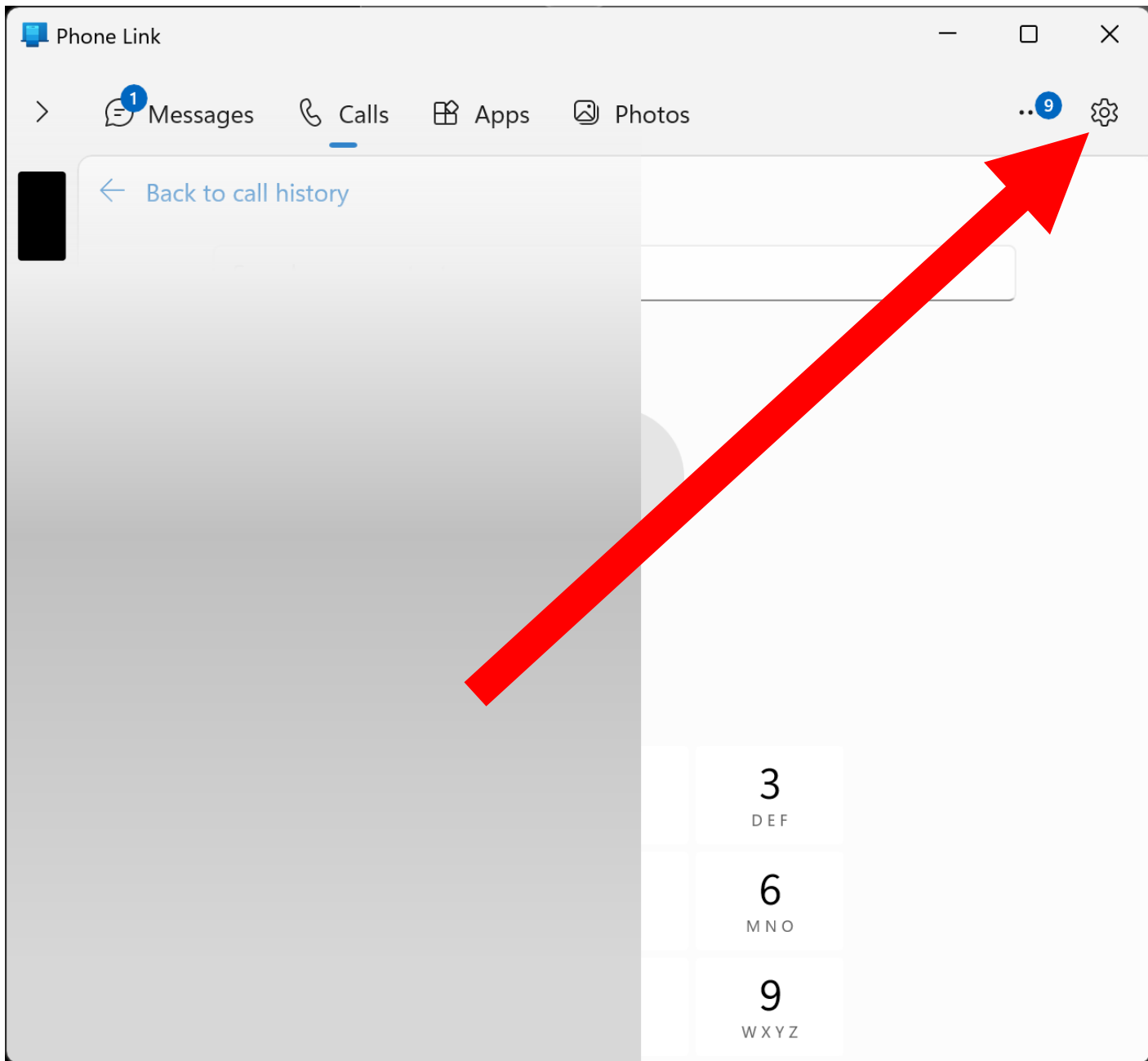
Start up "Phone Link"

Use the LEFT mouse button to click on the "Settings" gear icon.

Use the LEFT mouse button to click on the ">" icon.

Use the drop-down-list-arrow button to select the desired cell phone.







Messages



Calls



Apps



Photos



General



Notifications



Banners

Choose how to display your PC notification banners



Badges

Show badges for unread messages and notifications on your PC's taskbar

On



System



Theme

Choose a theme for Phone Link. This won't affect your Windows theme.

Light



App behavior

You have disabled Phone Link's ability to start on sign in



About



Messages



Calls



Apps



Photos



9



General

Notifications



Banners

Choose how to display your PC notification banners



Badges

Show badges for unread messages and notifications on your PC's taskbar

On



System



Theme

Choose a theme for Phone Link. This won't affect your Windows theme.

Light

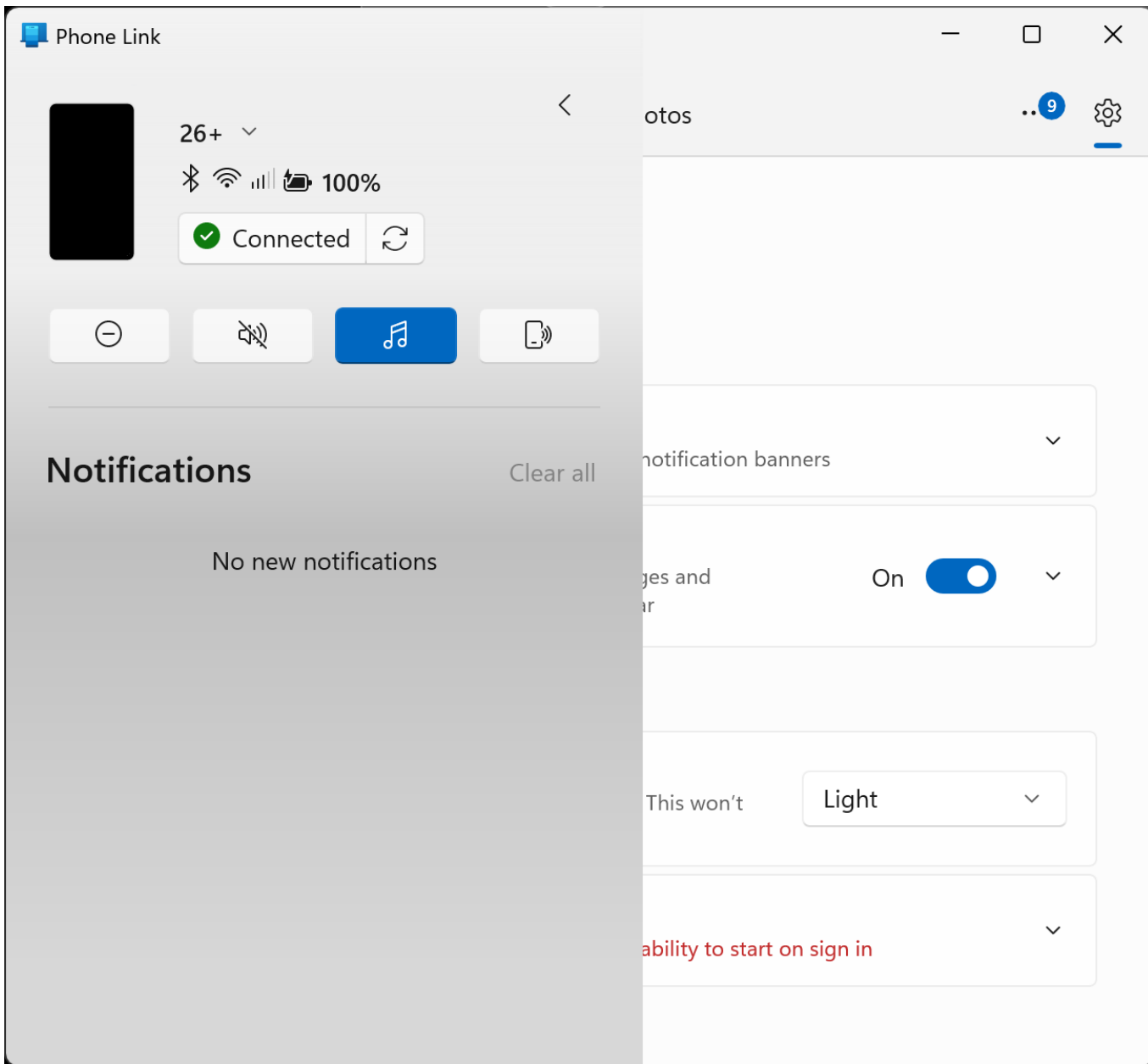


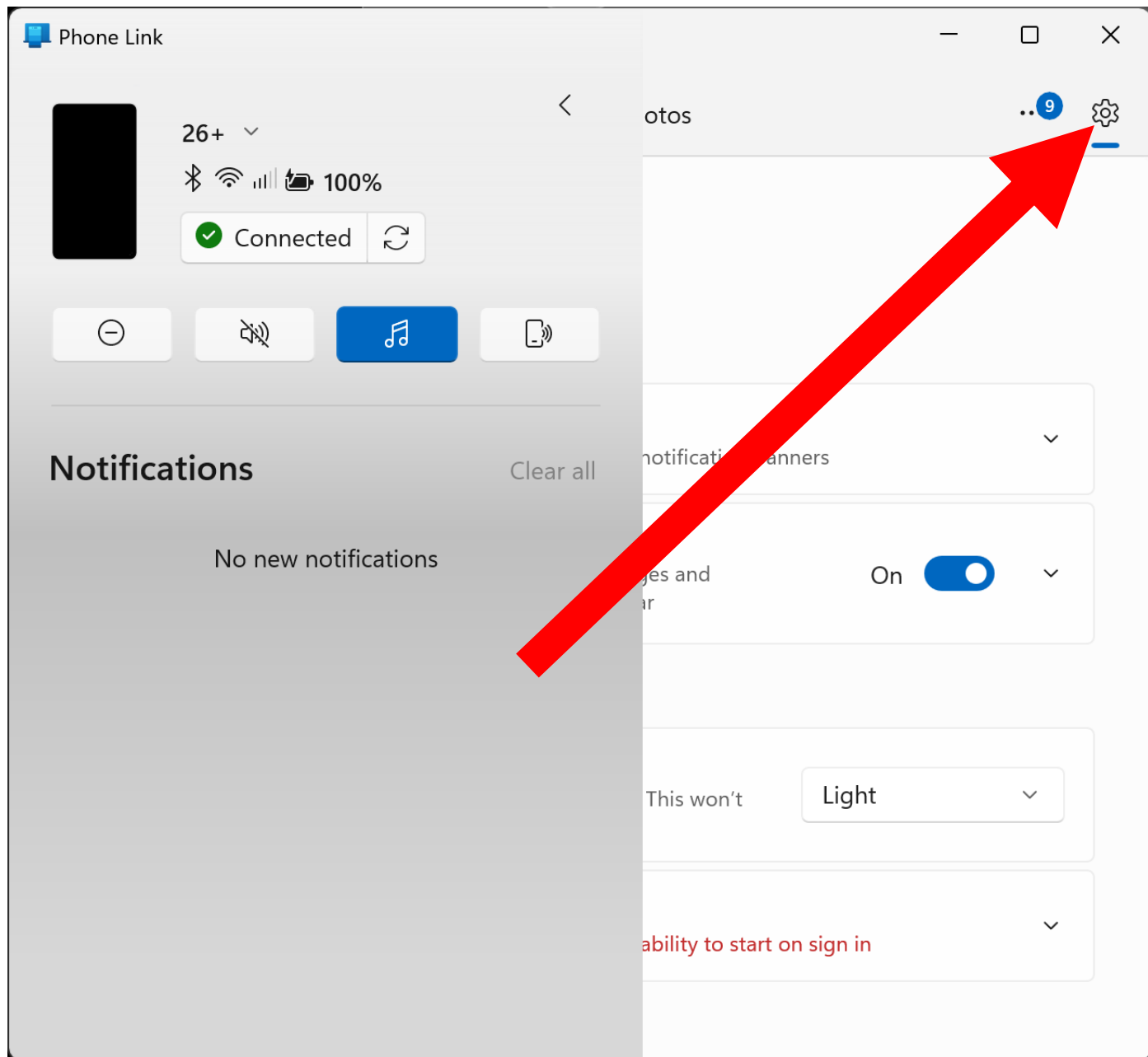
App behavior

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About







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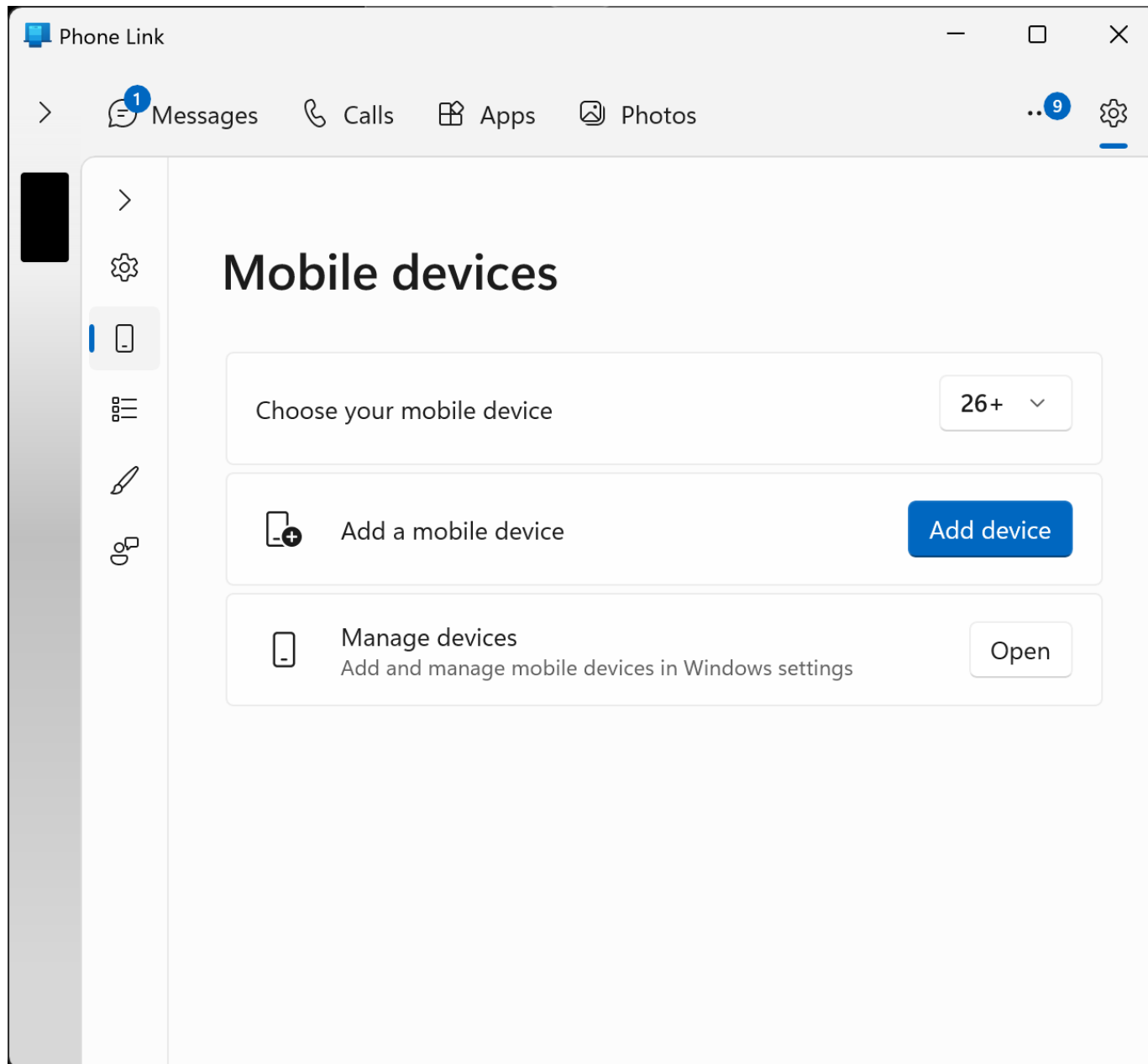


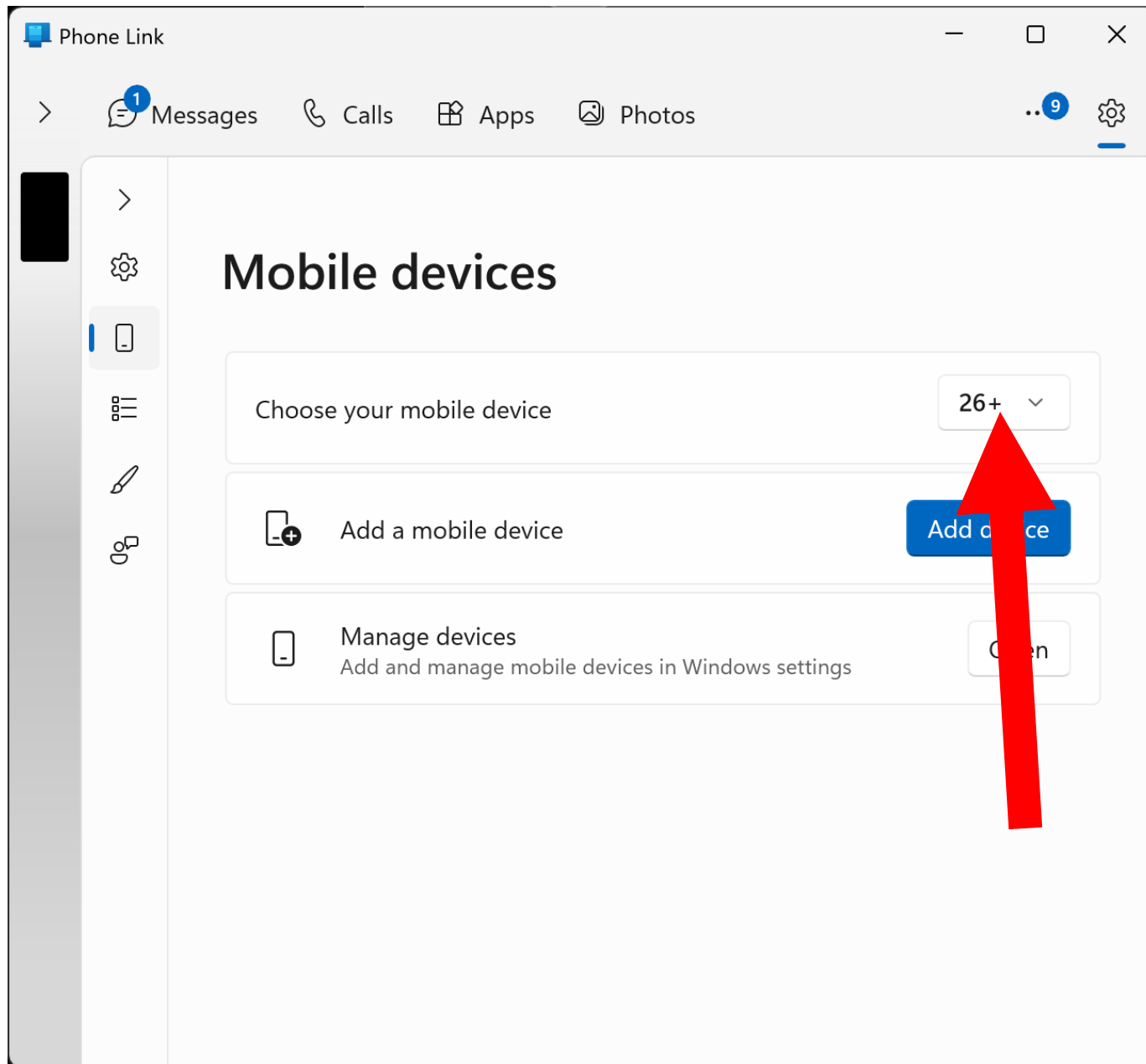
App behavior

You have disabled Phone Link's ability to start on sign in



About







Mobile devices

Choose your mobile device



Add a mobile device



Manage devices

Add and manage mobile devices in Windows settings

BluPhone2

26+

Francis's iPhone

Add device

Open



ADDITIONAL ADVICE FOR RUNNING "PHONE LINK" IN "WINDOWS 11" (continued)

- <https://support.microsoft.com/en-us/topic/setting-up-calls-in-the-phone-link-c7e75908-c65d-bd42-fcb2-ea4d5fb783f1#id0efd=android>

ADDITIONAL ADVICE FOR RUNNING "PHONE LINK" IN "WINDOWS 11" (continued)

- <https://support.microsoft.com/en-us/topic/troubleshooting-the-phone-link-82b6c6aa-544e-d4af-fd5d-2629a2a95835>

ADDITIONAL ADVICE FOR RUNNING "PHONE LINK" IN "WINDOWS 11" (continued)

- <https://www.macobserver.com/tips/how-to/connect-your-iphone-to-a-windows-pc-with-and-without-microsoft-phone-link/>

