



Alan German & Chris Taylor

Ottawa PC Users' Group

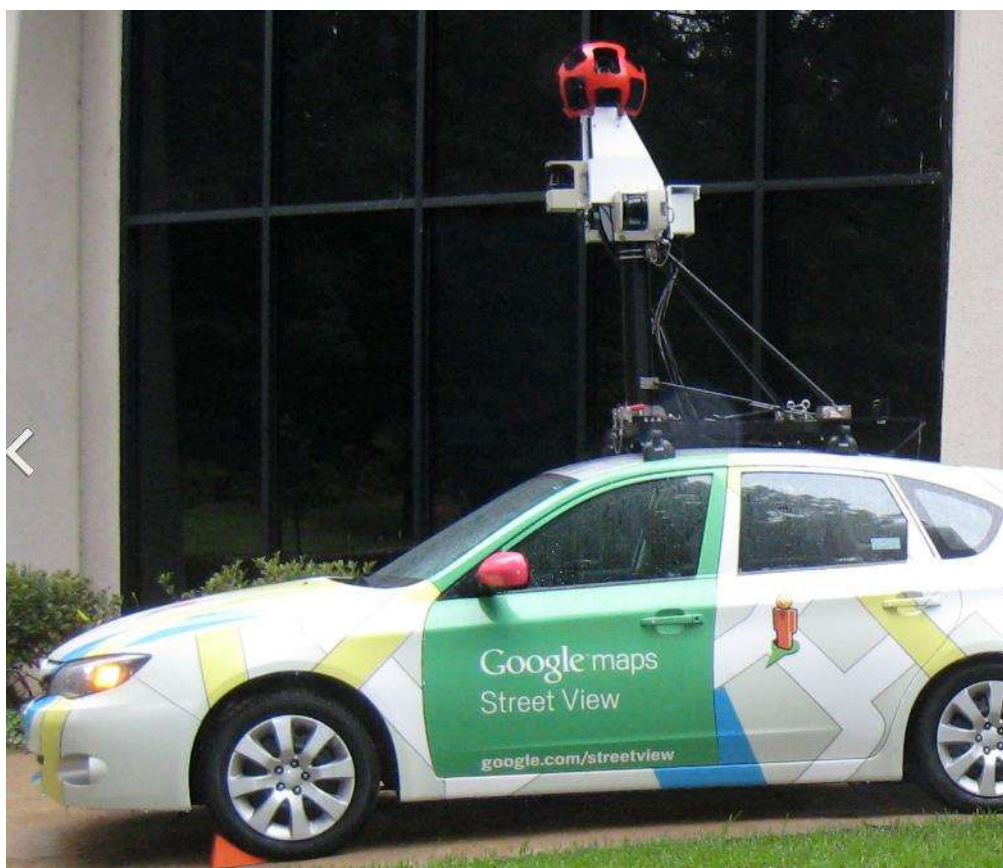
May 25, 2022

Share

Google Street View Historical Photos



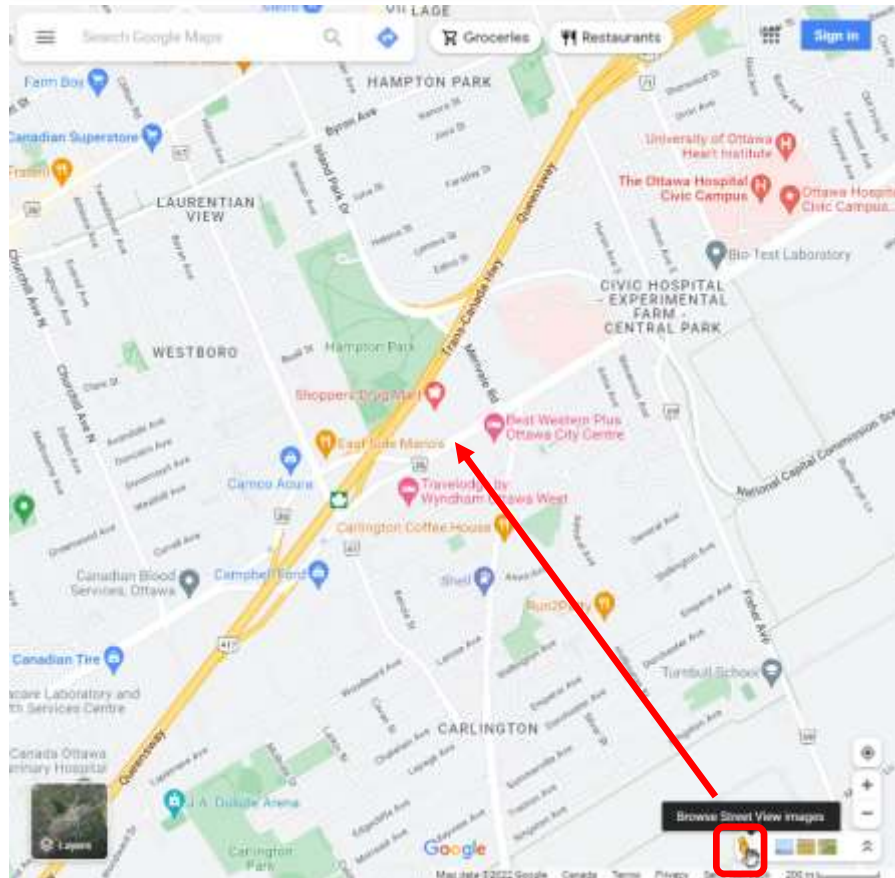
- Google Street View
 - bringing us street level images since 2007
- You can now view past images



Share

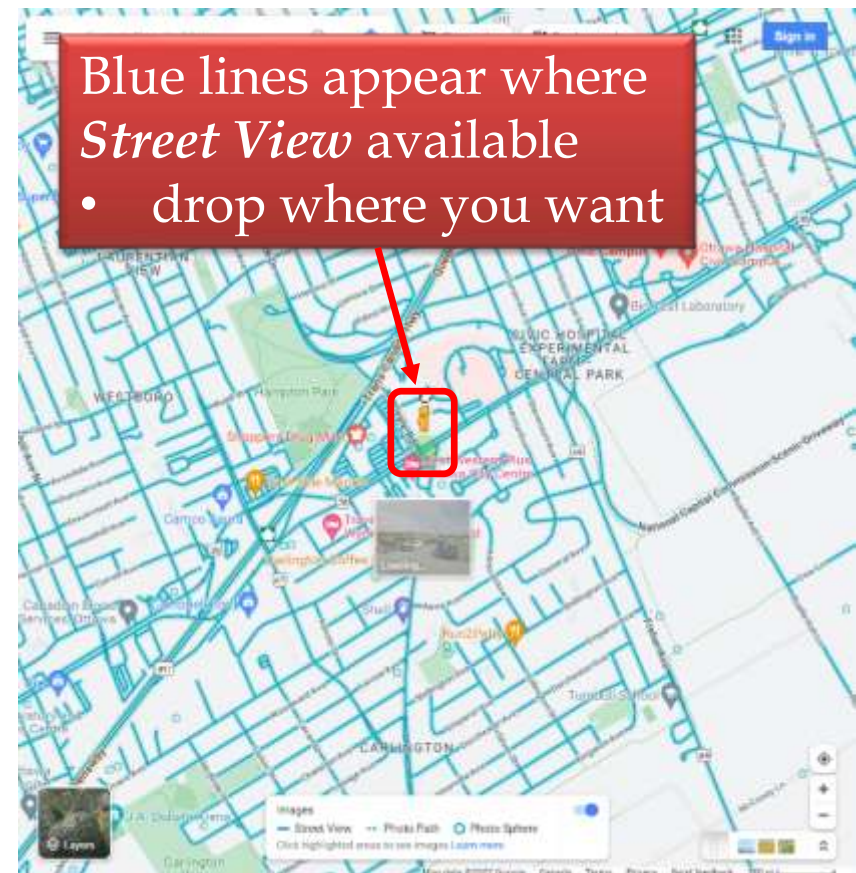
Getting to Google Street View

<https://maps.google.com>



Click *Browse Street View images*

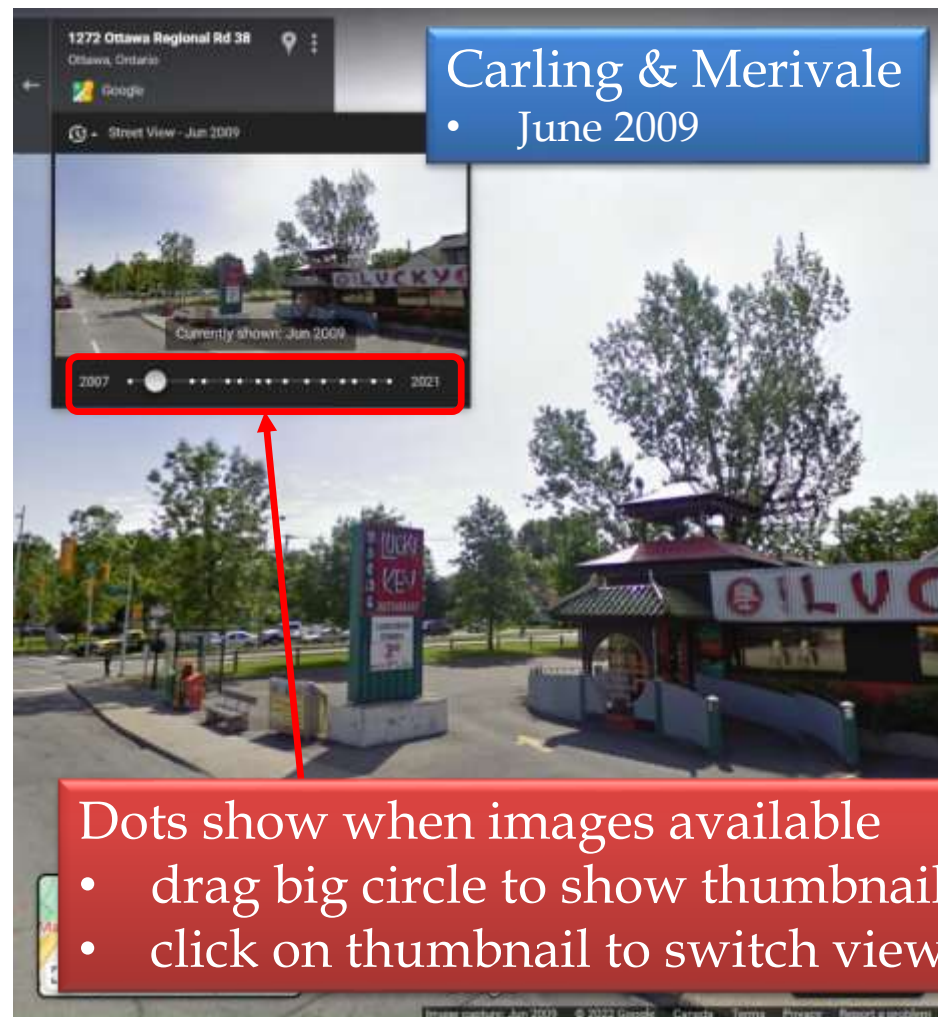
- drag onto map



Share

Getting old photos

Current *Street View* appears



Helps when someone gives directions:

- Turn right where the Lucky Key used to be*



Transfer files: Phone $\Leftrightarrow$ PC

Two methods:

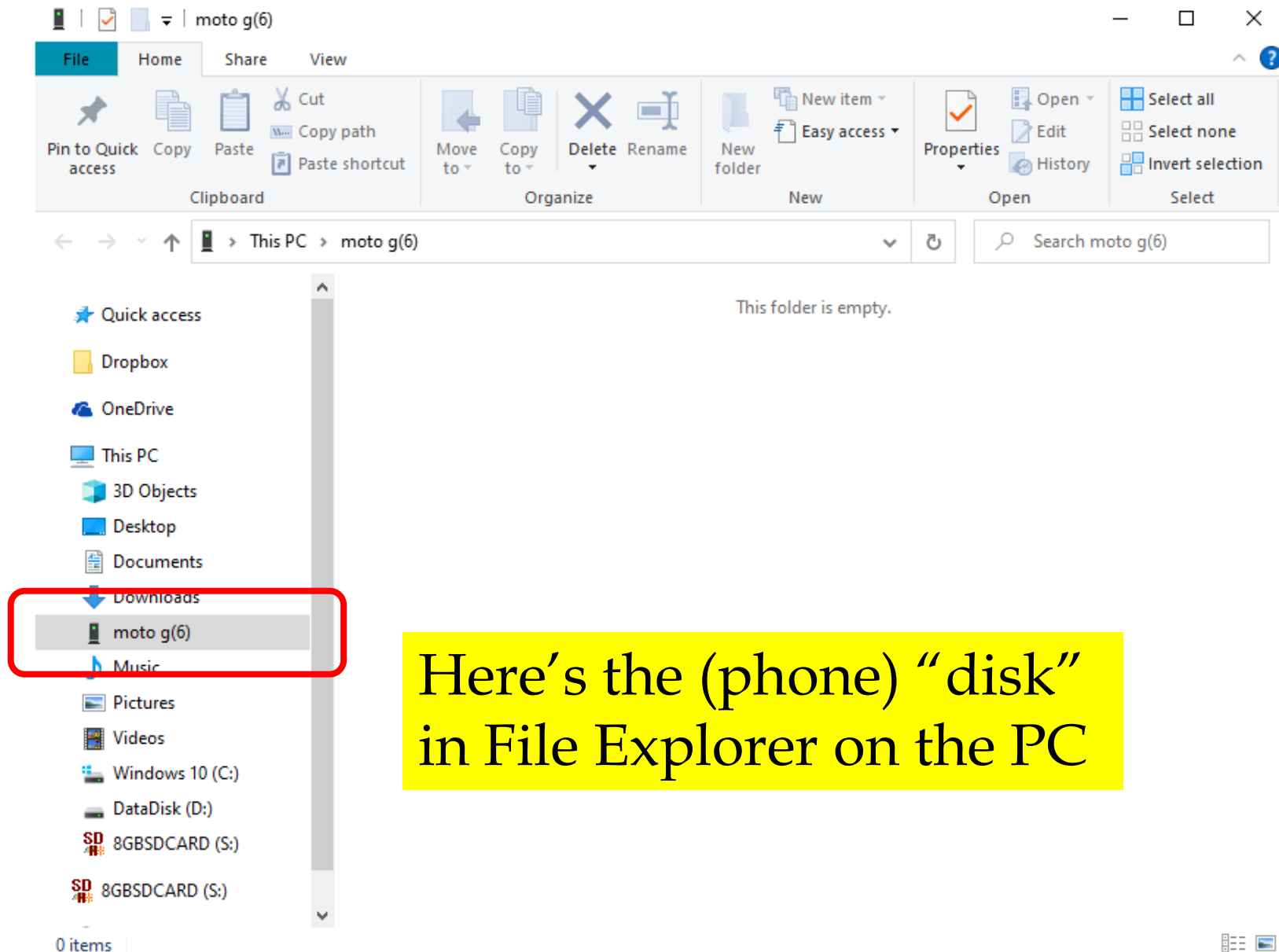
(1) USB cable



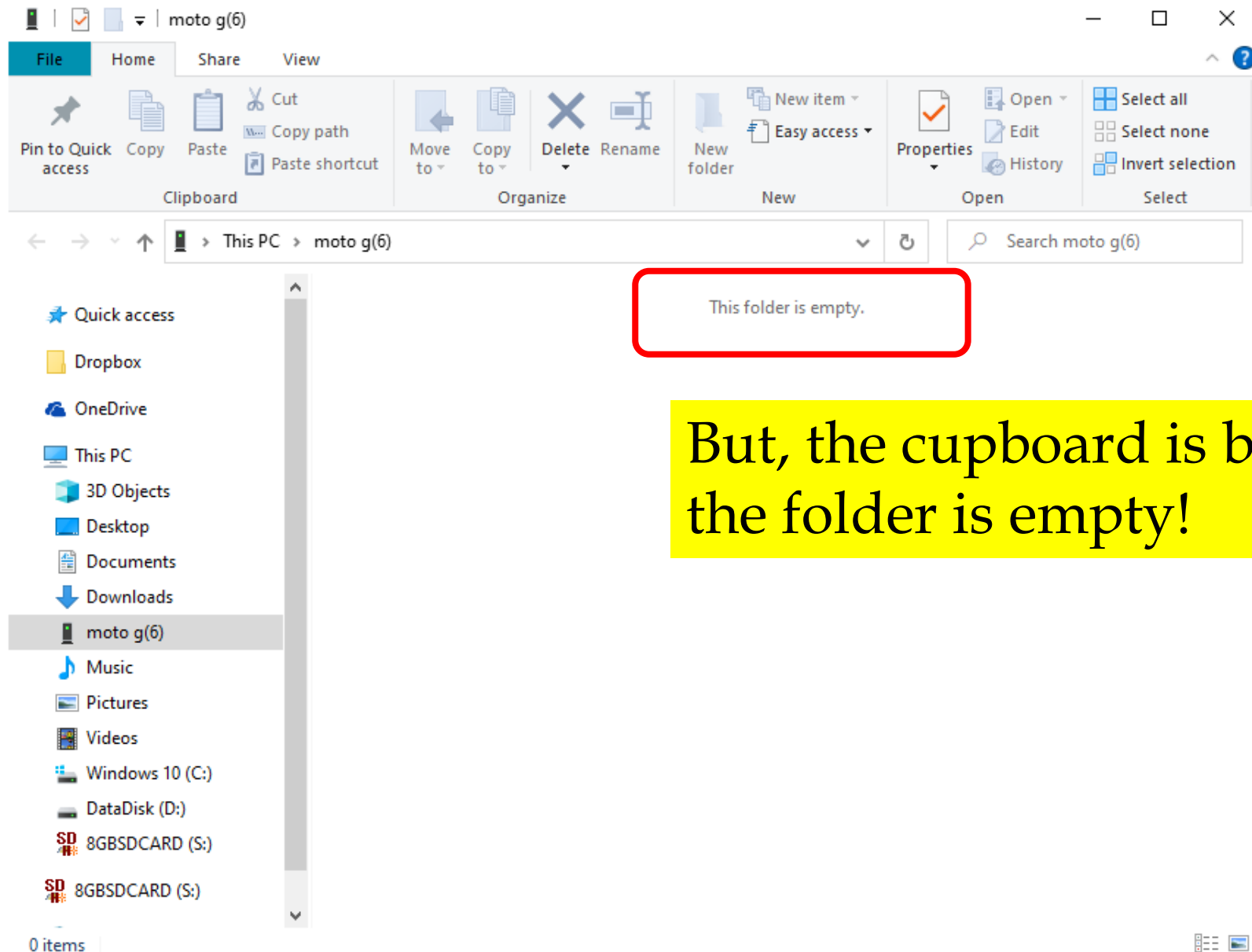
(2) Software



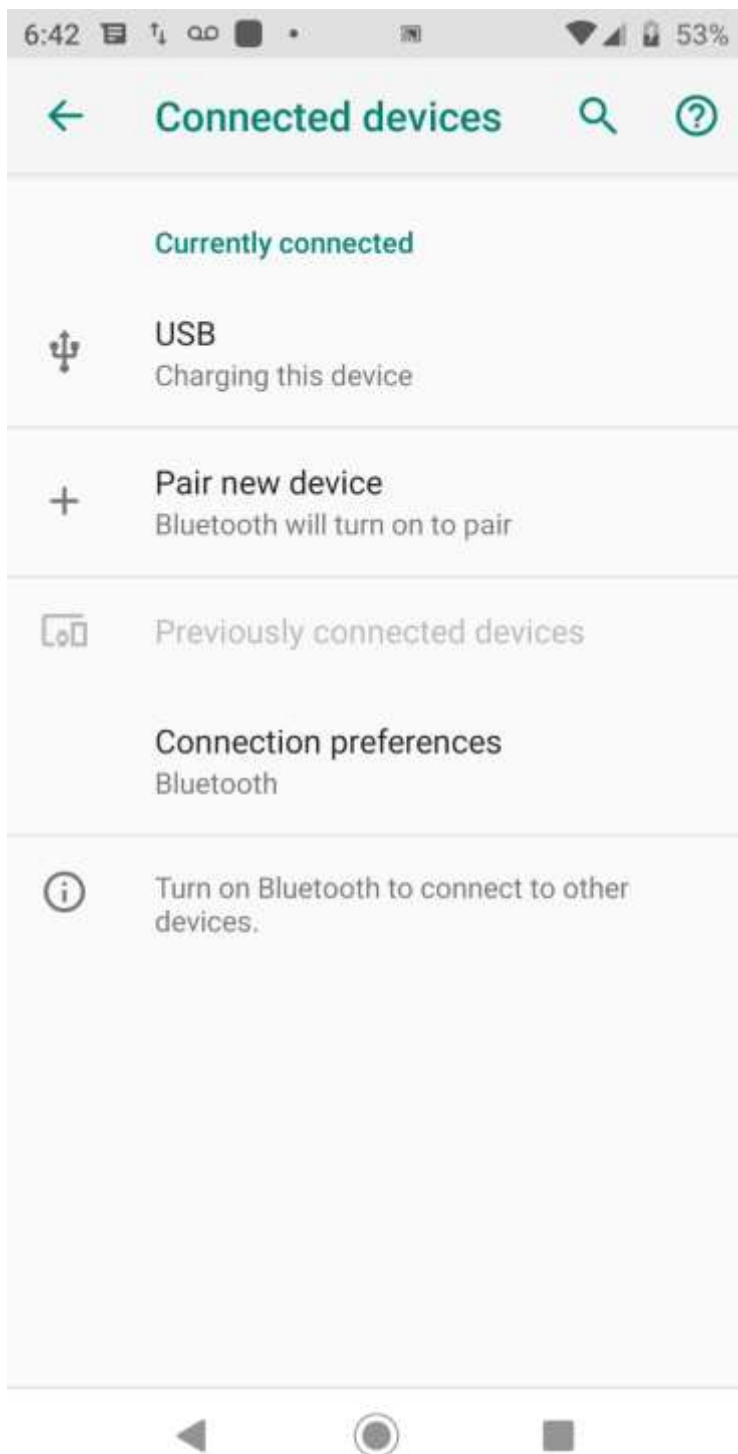
Connect the phone and the PC with a USB cable



Connect the phone and the PC with a USB cable



But, the cupboard is bare;
the folder is empty!

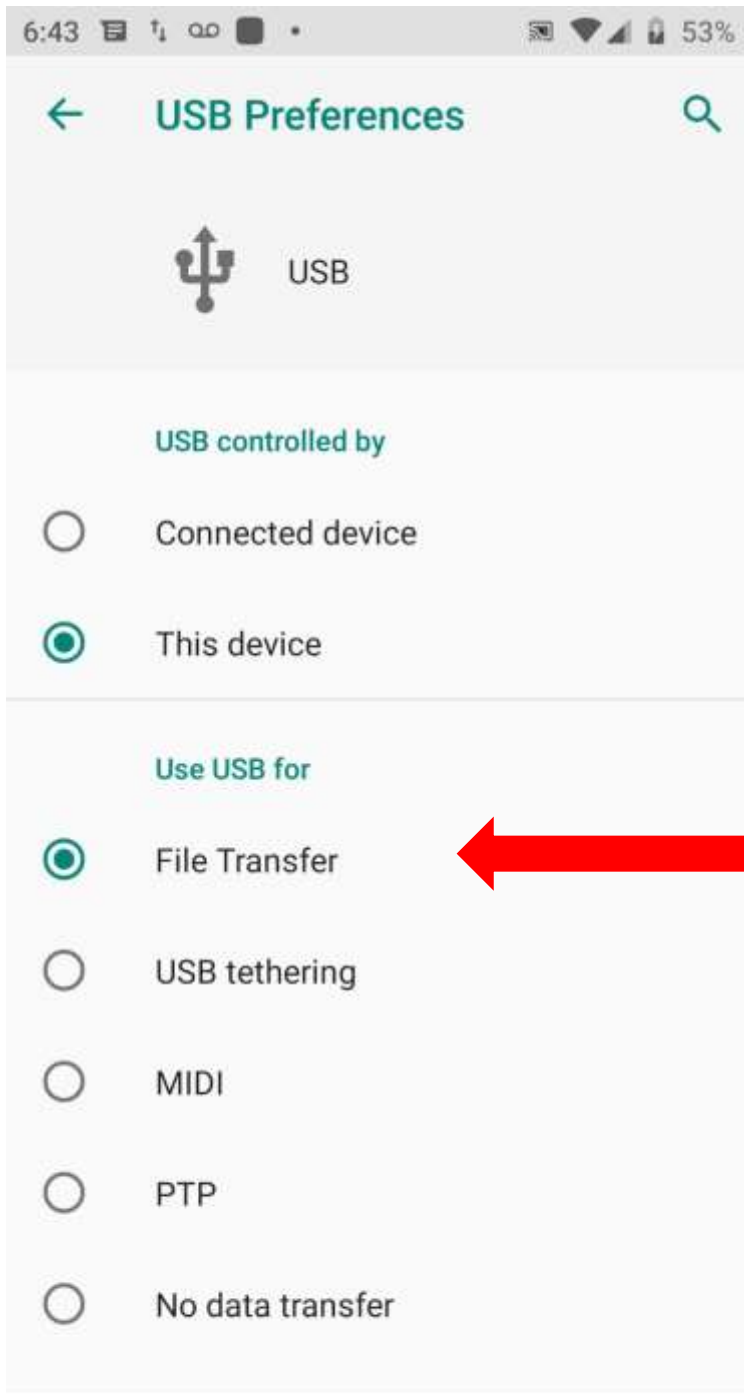


On the phone*

Settings – Connected devices
(Bluetooth)

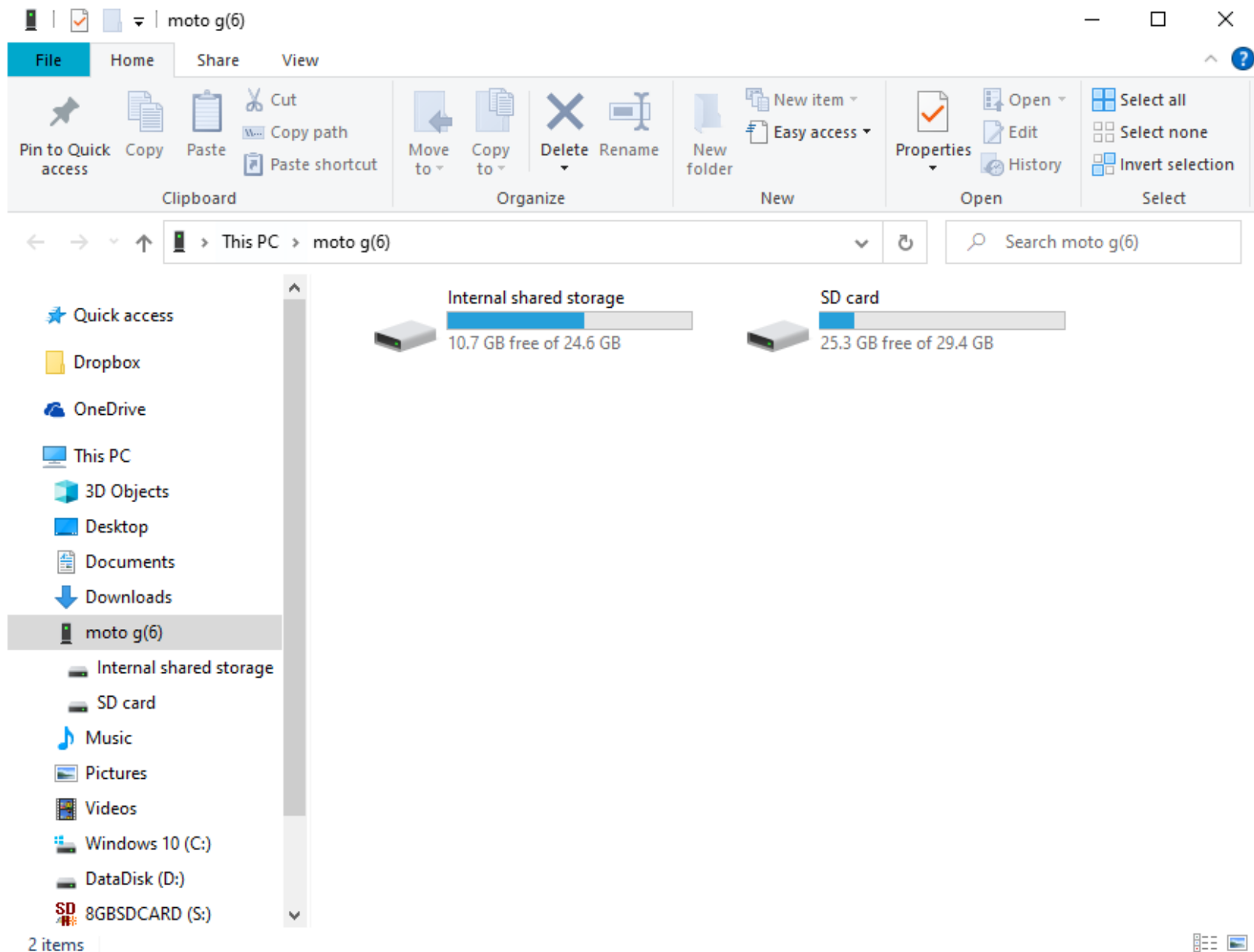
USB (Charging this device)

** Dependent on smartphone
manufacturer, model,
Android version*

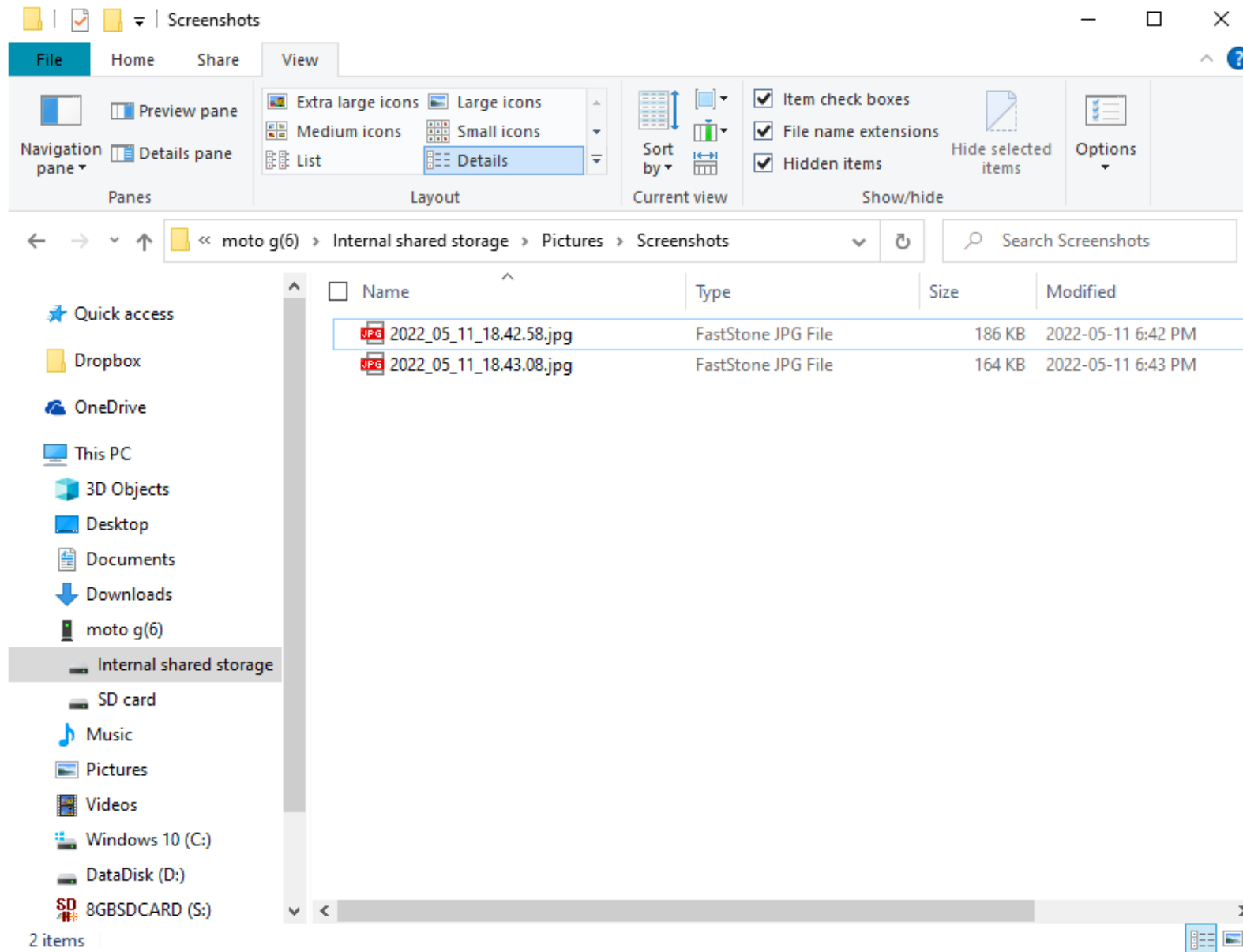


Set connectivity to
File Transfer
(instead of *No data transfer*)

Now we see the internal storage and micro-SDcard



Screenshots in a folder of the phone



Software Data Cable (Smartphone) Filezilla – FTP Client (PC)

- Software Data Cable

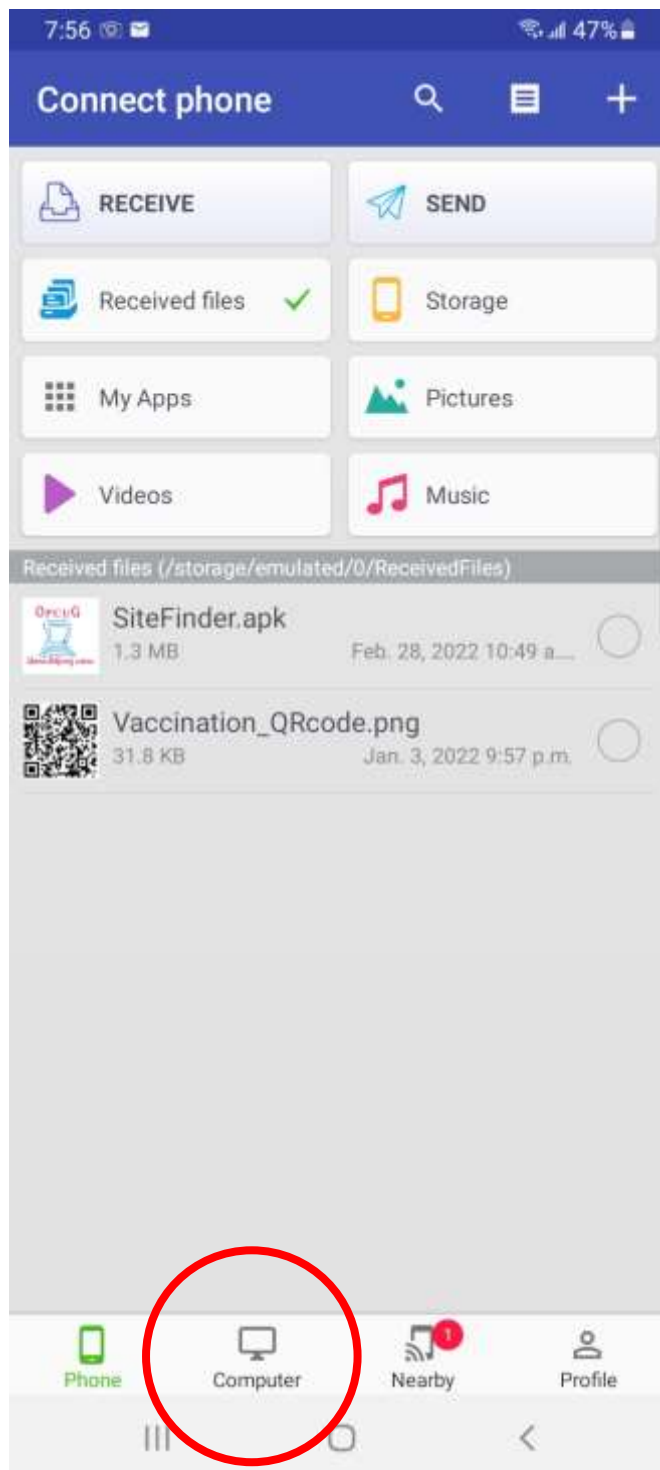
<https://play.google.com/store/apps/details?id=com.damiapp.softdatacable>



- Filezilla

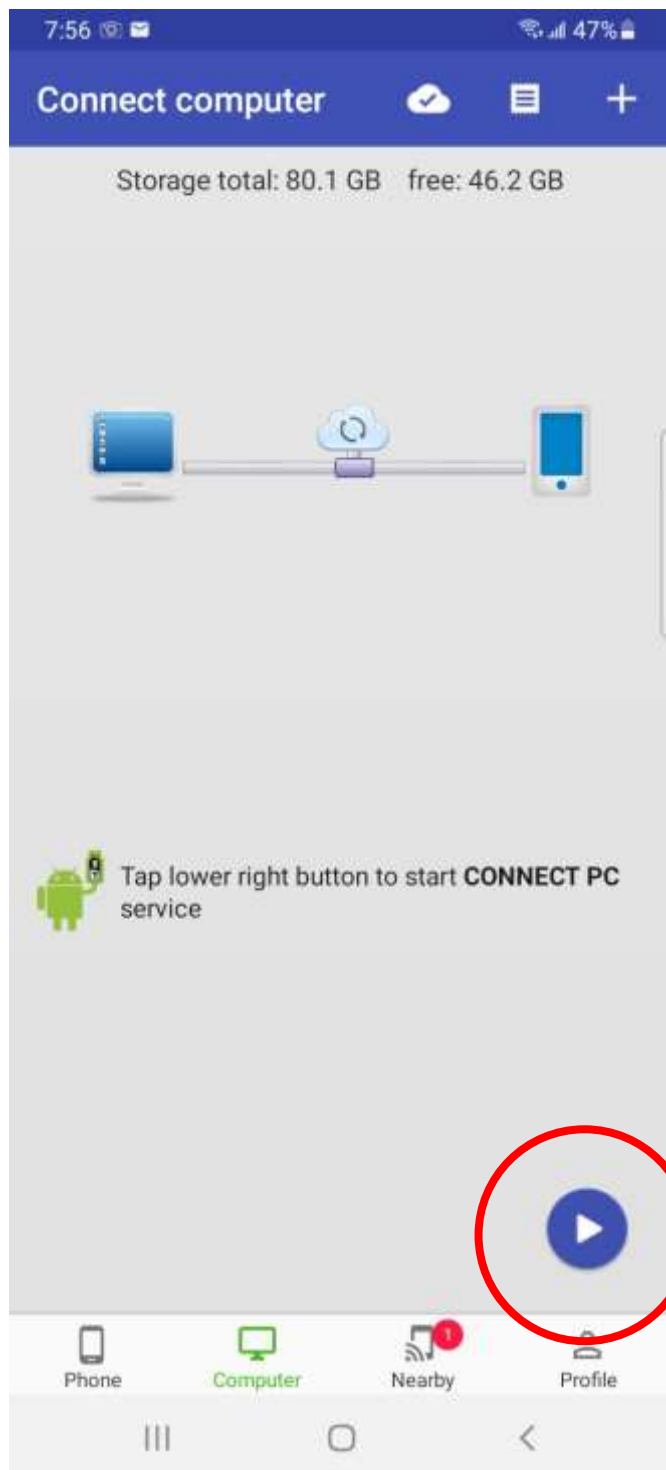
<https://filezilla-project.org>





On the phone:

1. Run Software Data Cable
2. Click on Computer



3. Click on the blue button (Connect)



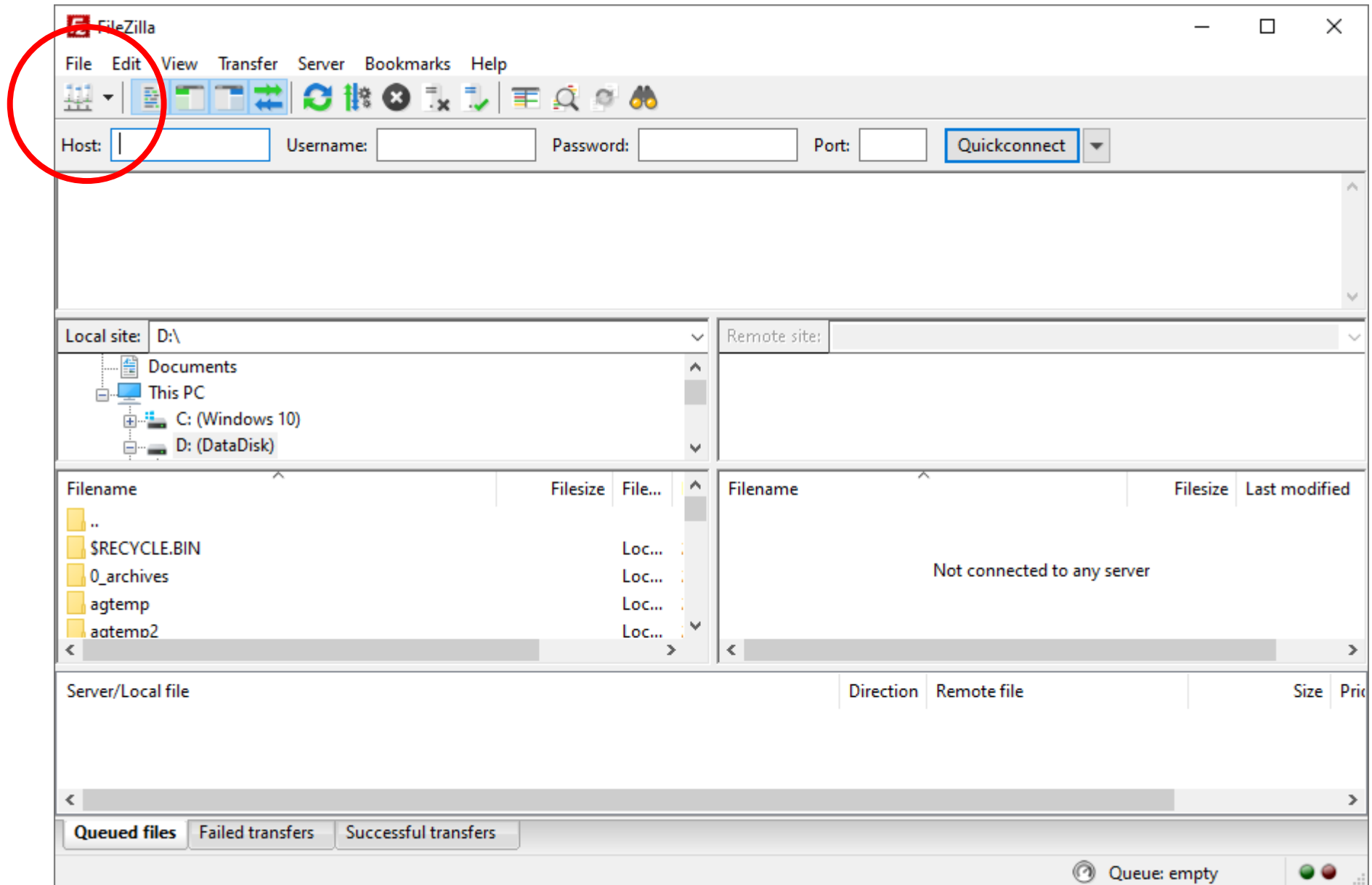
4. Note the display:

IP address = 192.168.2.20

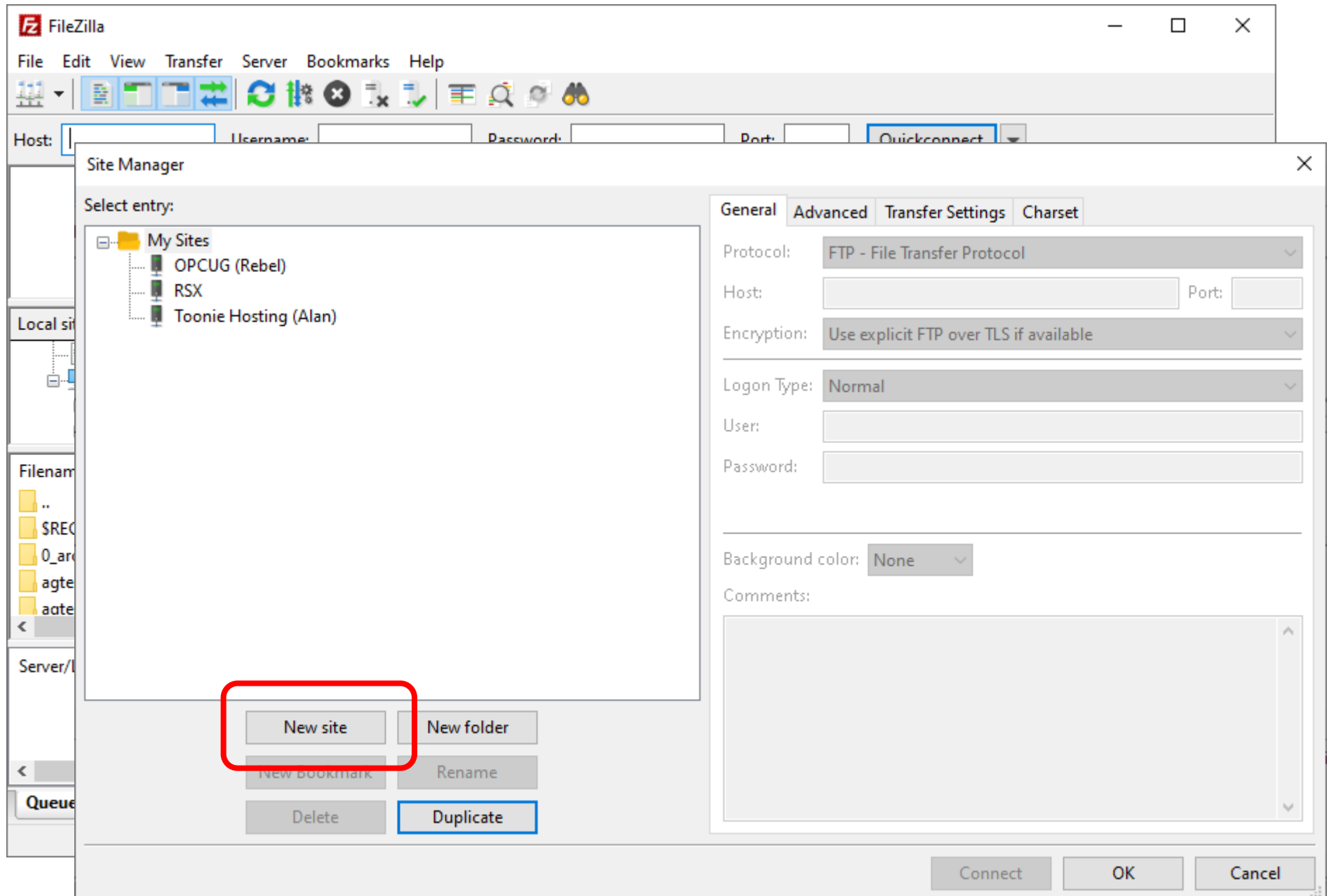
Port No. = 8888

On the PC: 5. Run Filezilla

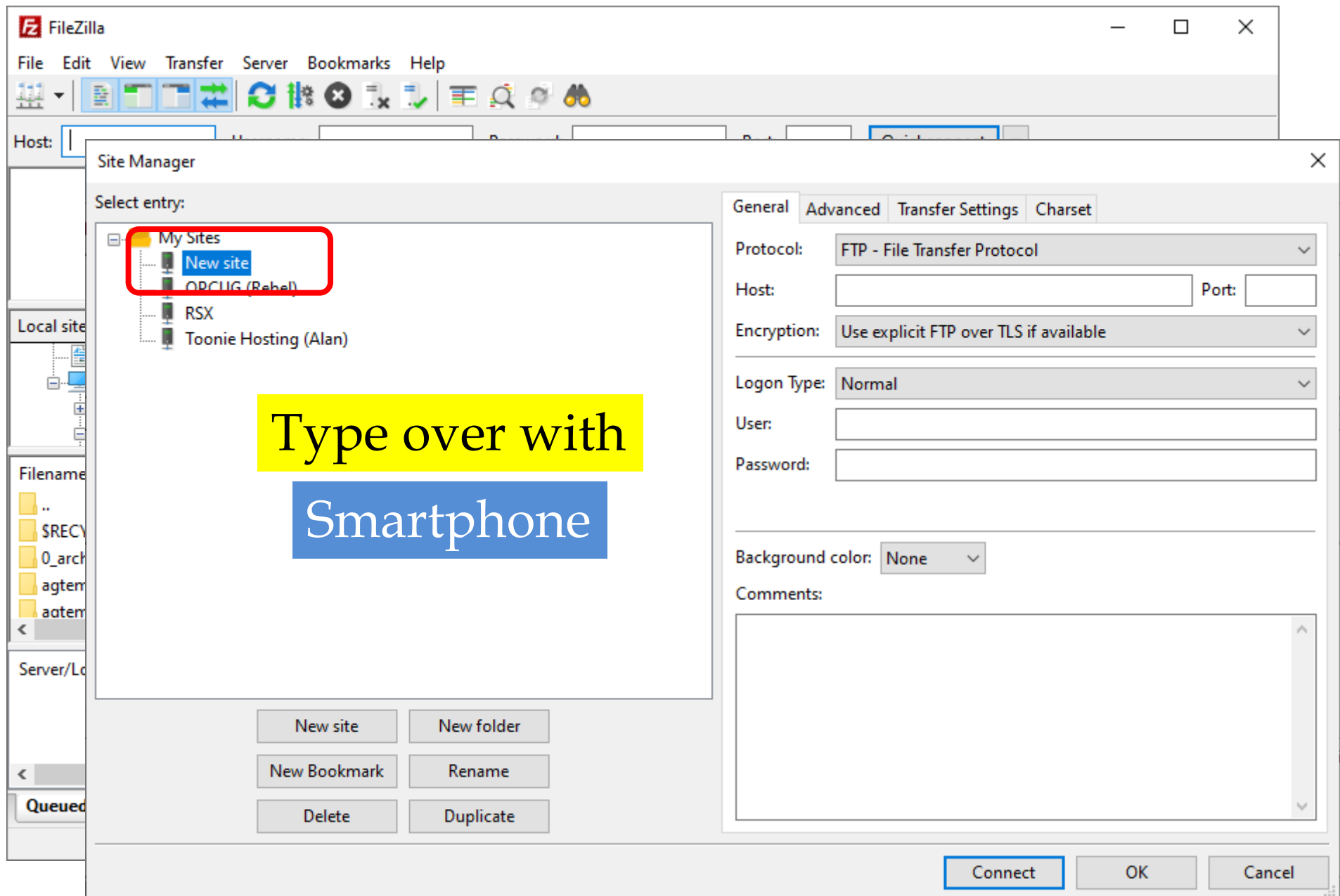
6. Click on the Site Manager icon



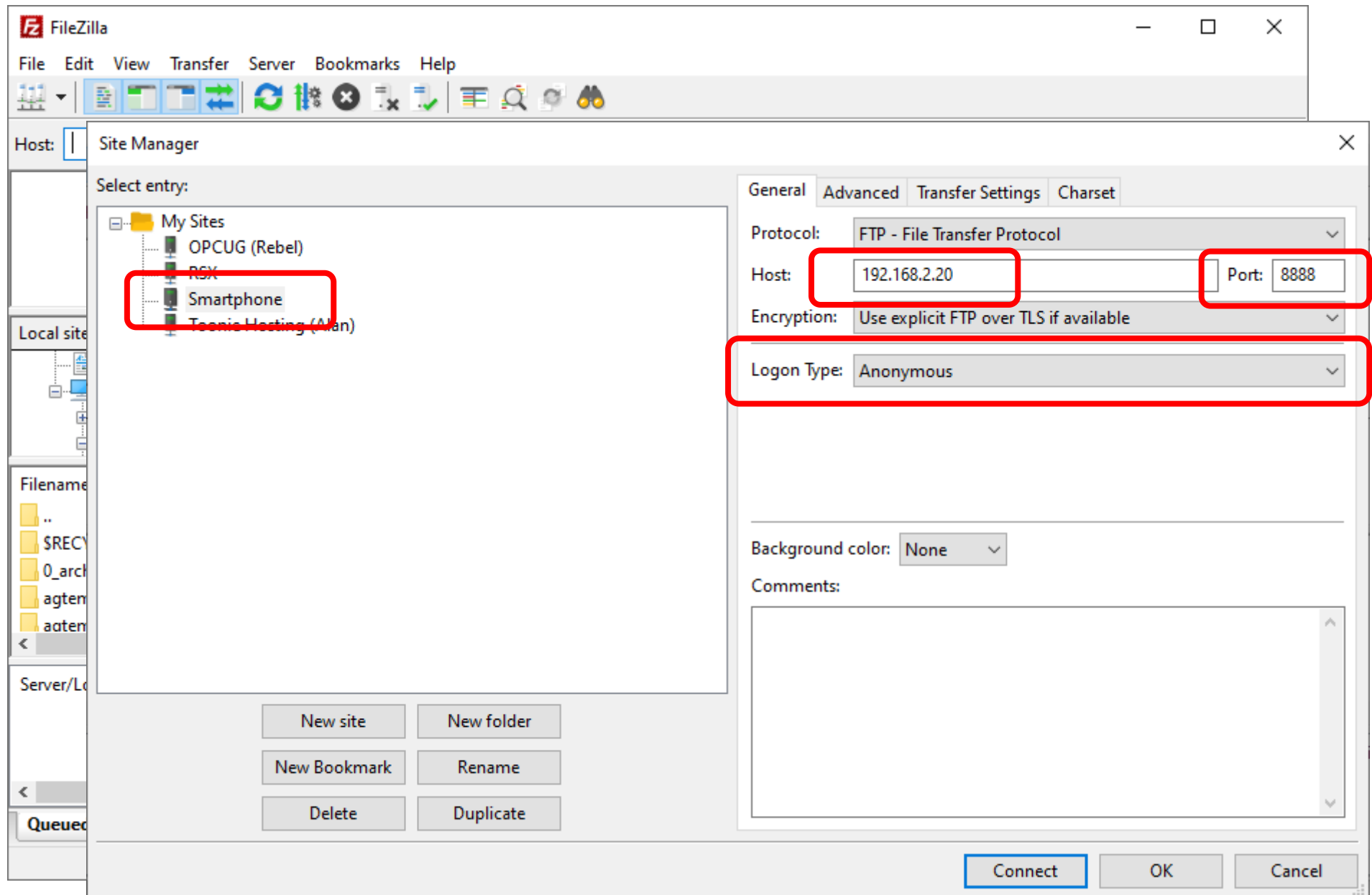
7. Click on New site



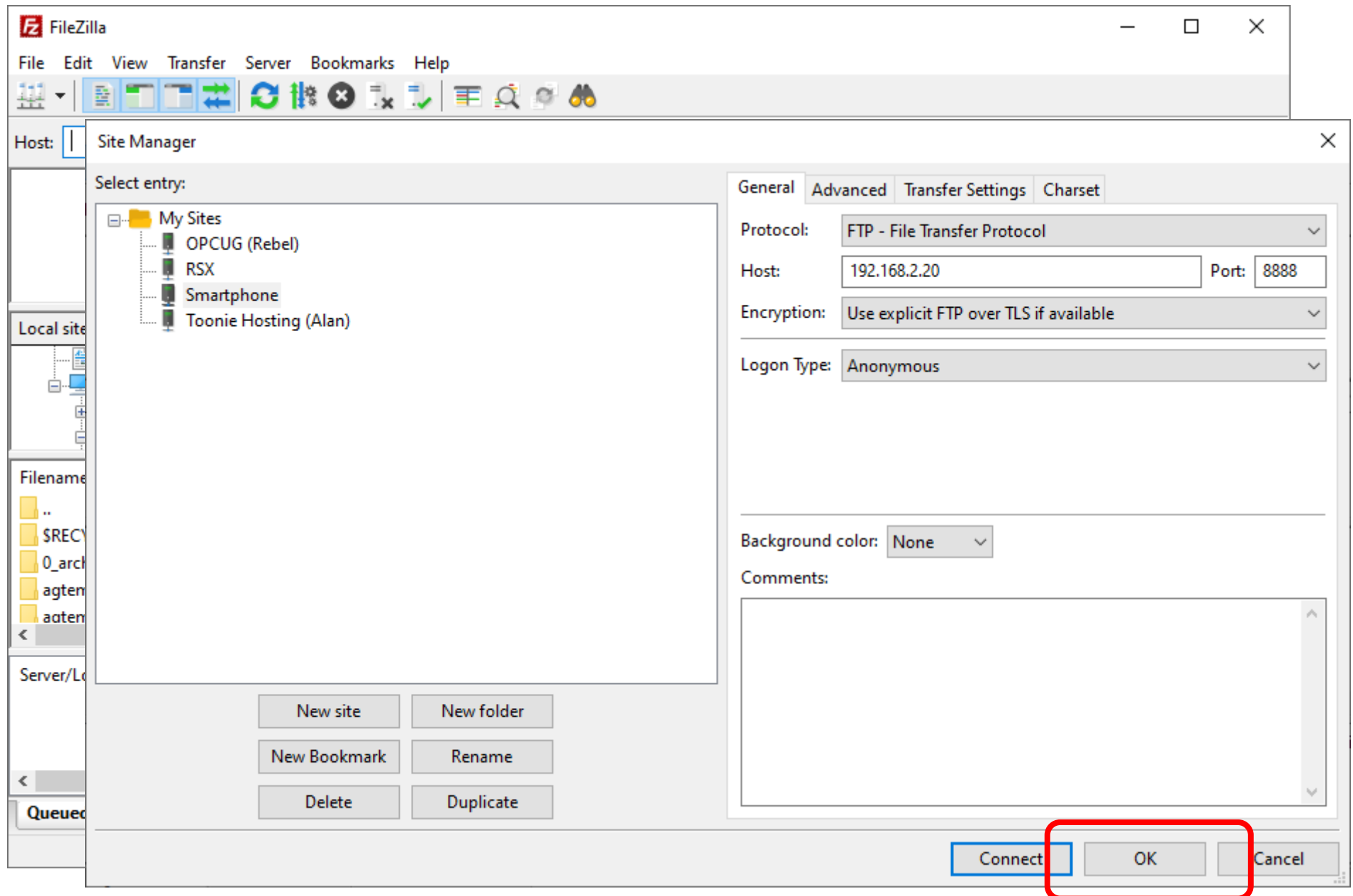
8. Overwrite New site with Smartphone



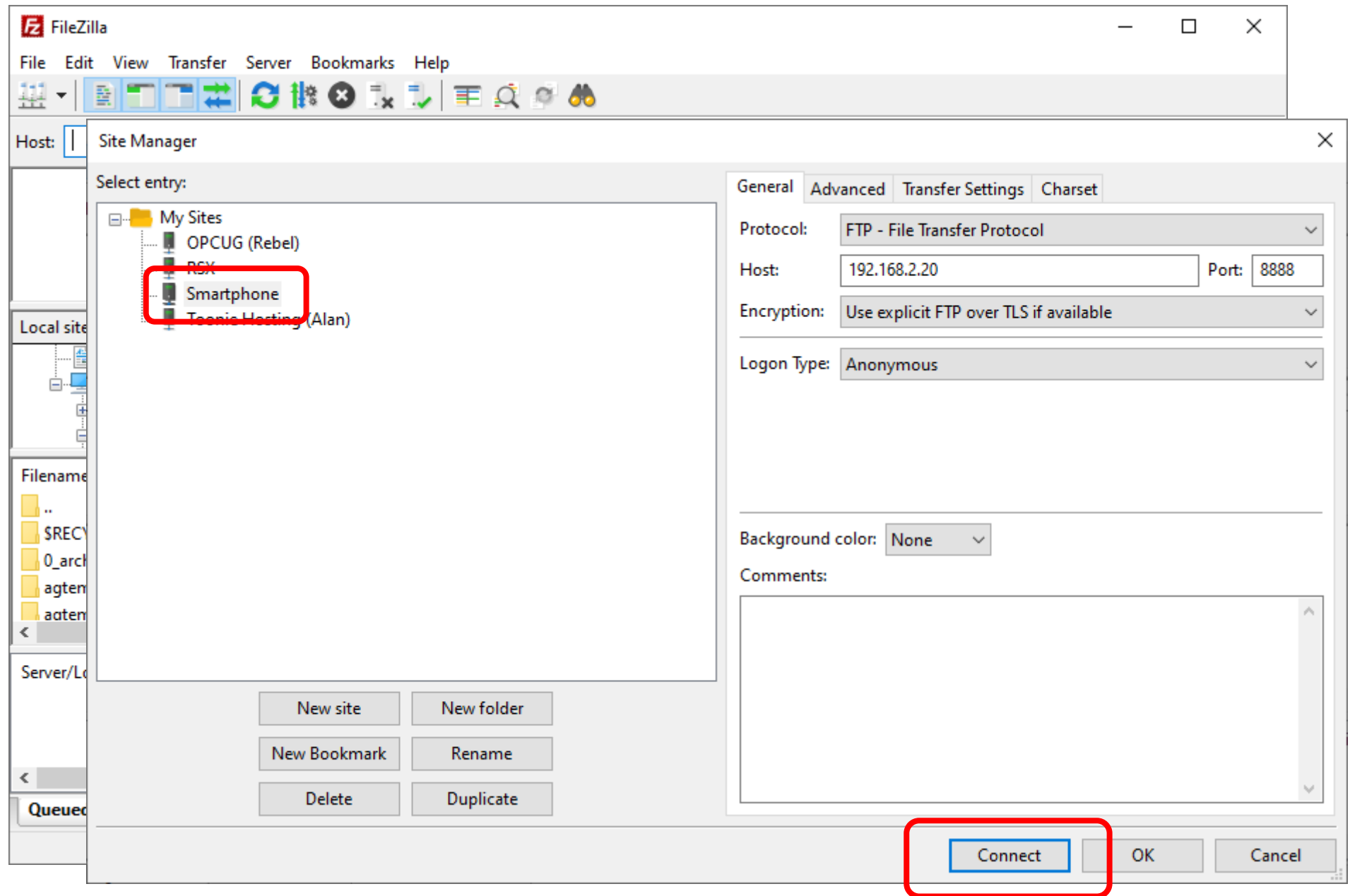
9. Enter the IP address, port number, and select Logon type = Anonymous

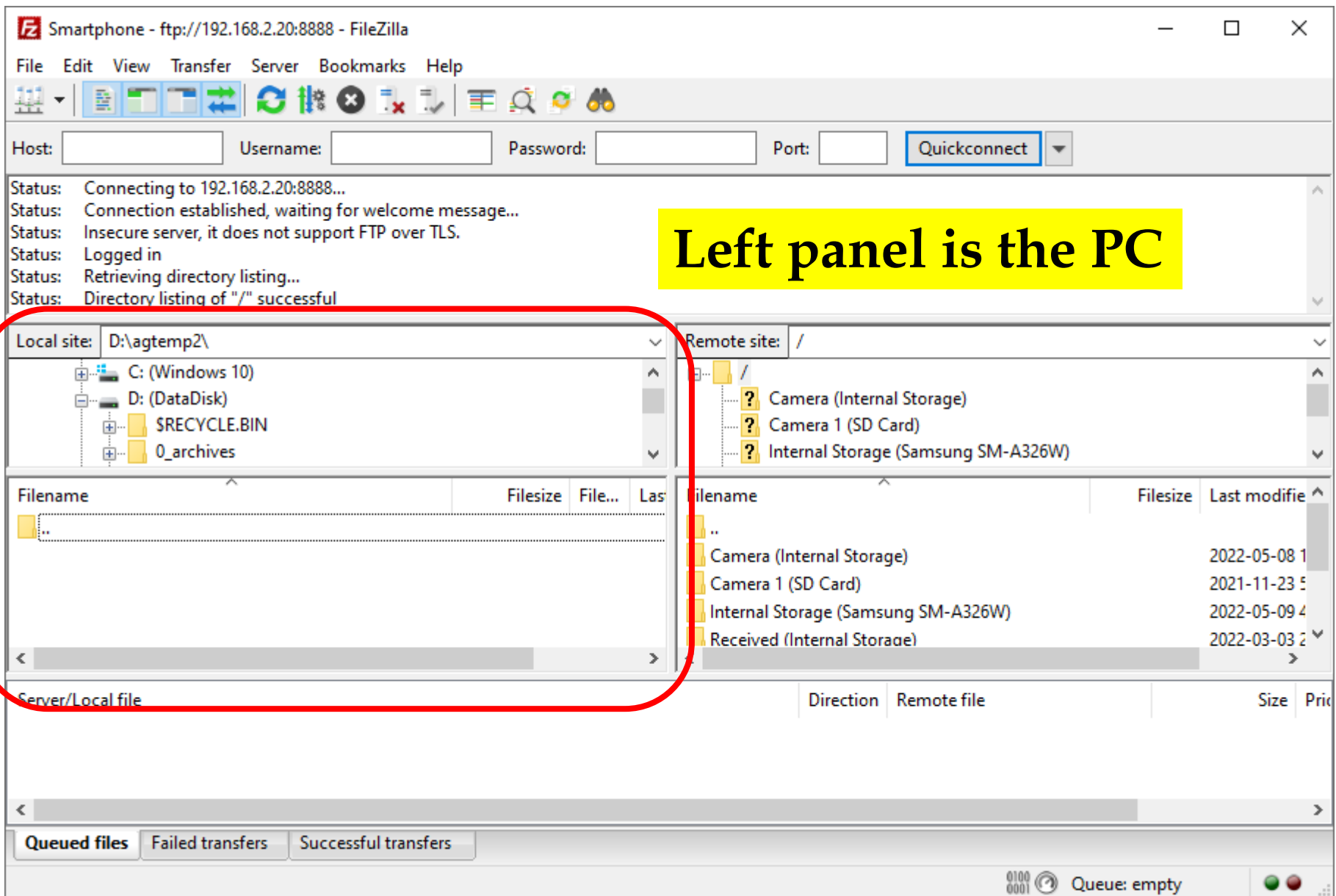


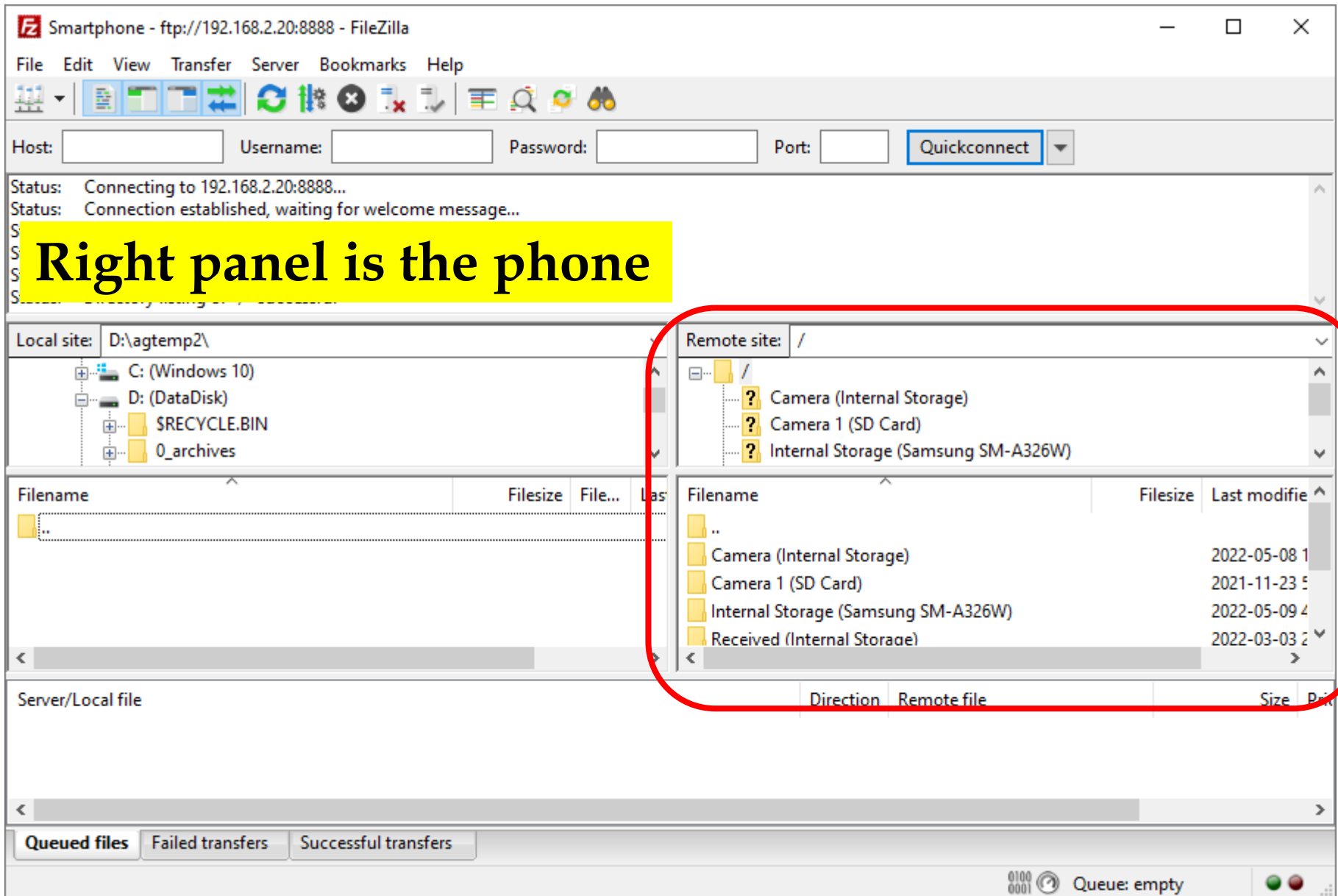
11. Click on OK to store the settings (NOT Connect)

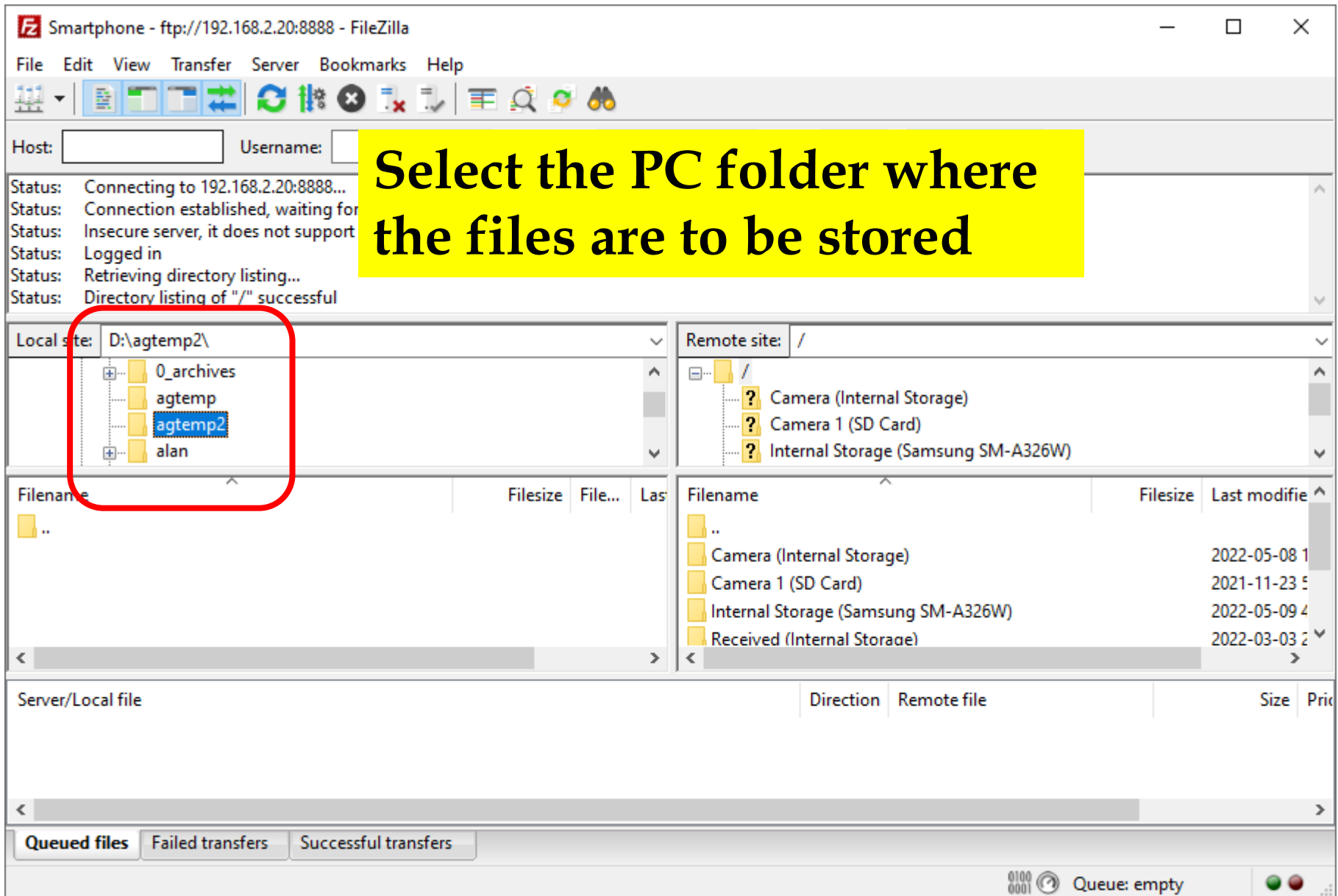


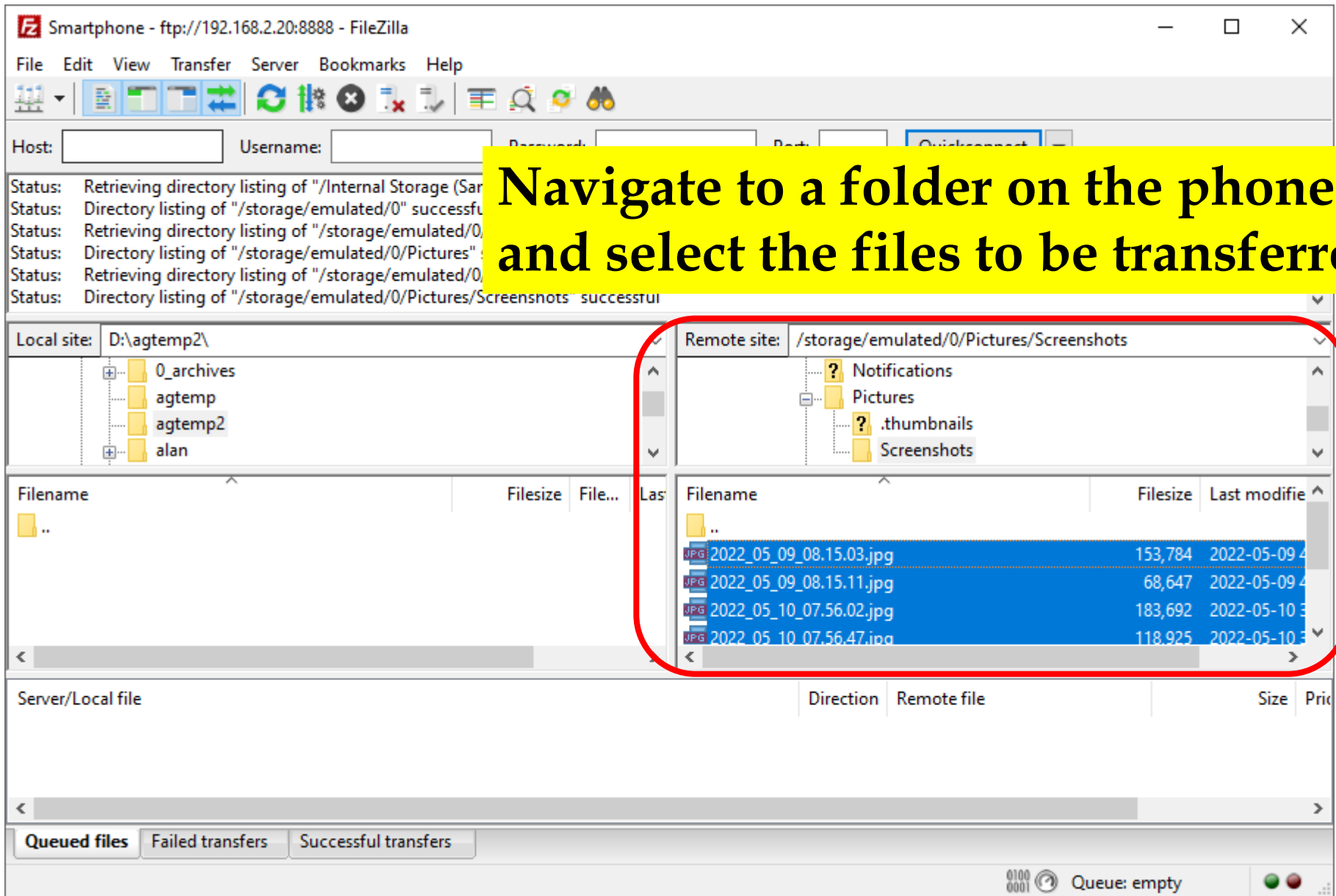
12. Now, select Smartphone and Click on Connect

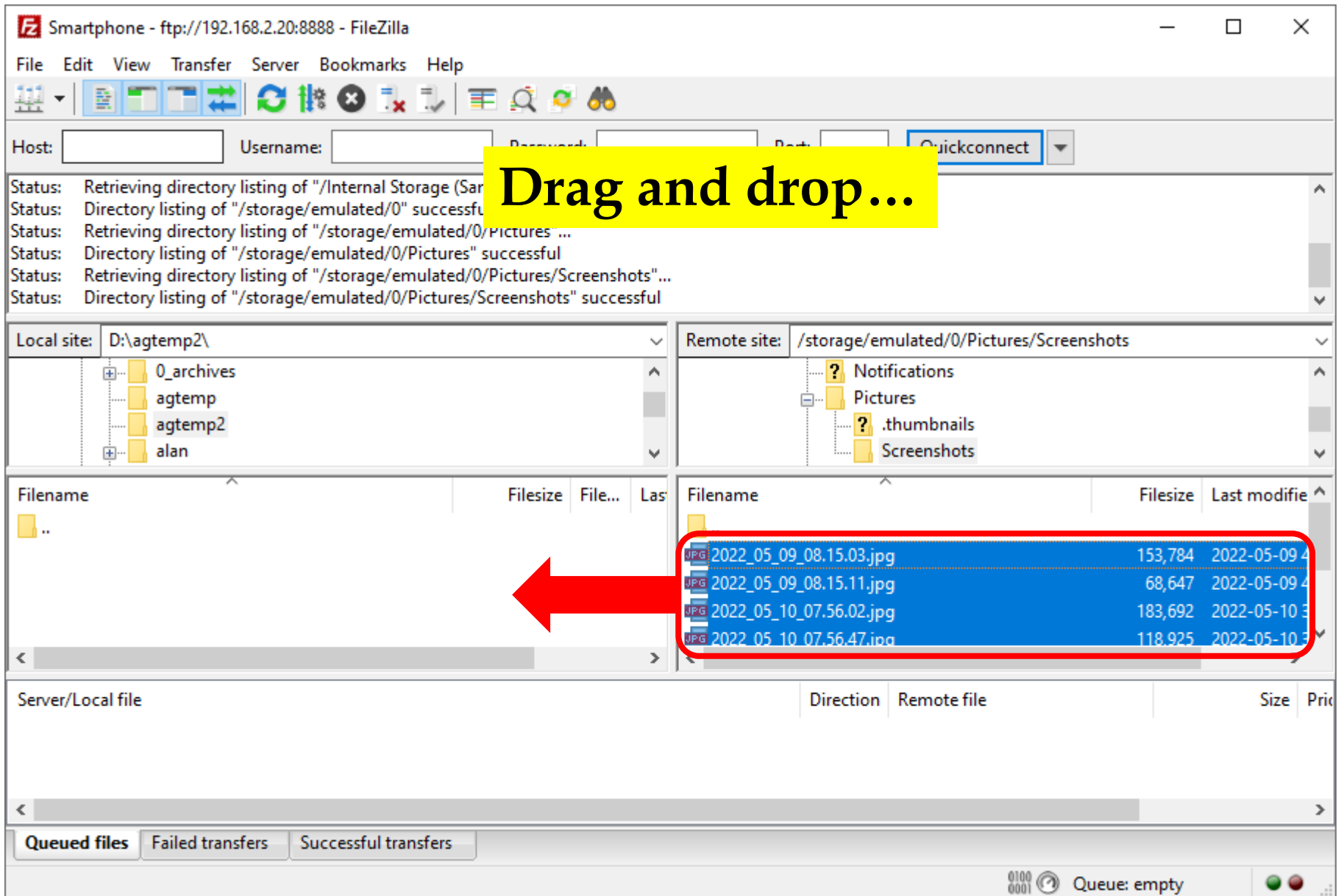












Smartphone - ftp://192.168.2.20:8888 - FileZilla

File Edit View Transfer Server Bookmarks Help

Host: Username: Password: Port: Quickconnect

Status: File transfer successful, transferred 183,692 bytes in 1 second
Status: Starting download of /storage/emulated/0/Pictures/Screenshots/2022_05_10_07.56.51.jpg
Status: File transfer successful, transferred 118,925 bytes in 1 second
Status: Starting download of /storage/emulated/0/Pictures/Screenshots/2022_05_10_07.56.56.jpg
Status: File transfer successful, transferred 145,701 bytes in 1 second
Status: File transfer successful, transferred 145,701 bytes in 1 second

Local site: D:\agtemp2\ Remote site: /storage/emulated/0/Pictures/Screenshots

Files transferred!

Filename	Filesize	File...
2022_05_09_08.15.03.jpg	153,784	Fas...
2022_05_09_08.15.11.jpg	68,647	Fas...
2022_05_10_07.56.02.jpg	183,692	Fas...
2022_05_10_07.56.47.jpg	118,925	Fas...

Filename	Filesize	Last modified
..		
2022_05_09_08.15.03.jpg	153,784	2022-05-09 4
2022_05_09_08.15.11.jpg	68,647	2022-05-09 4
2022_05_10_07.56.02.jpg	183,692	2022-05-10 3
2022_05_10_07.56.47.jpg	118,925	2022-05-10 3

Server/Local file	Direction	Remote file	Size	Pri
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Queued files Failed transfers Successful transfers (6)

Queue: empty

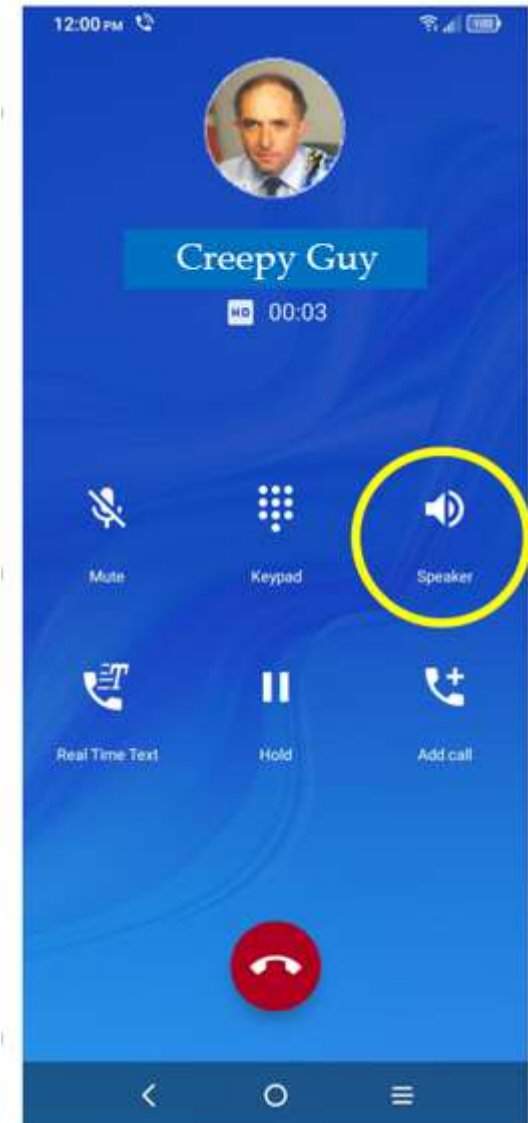


How do I...

7. Select the speakerphone?

Make or answer a call

Select *Speaker*





How do I...

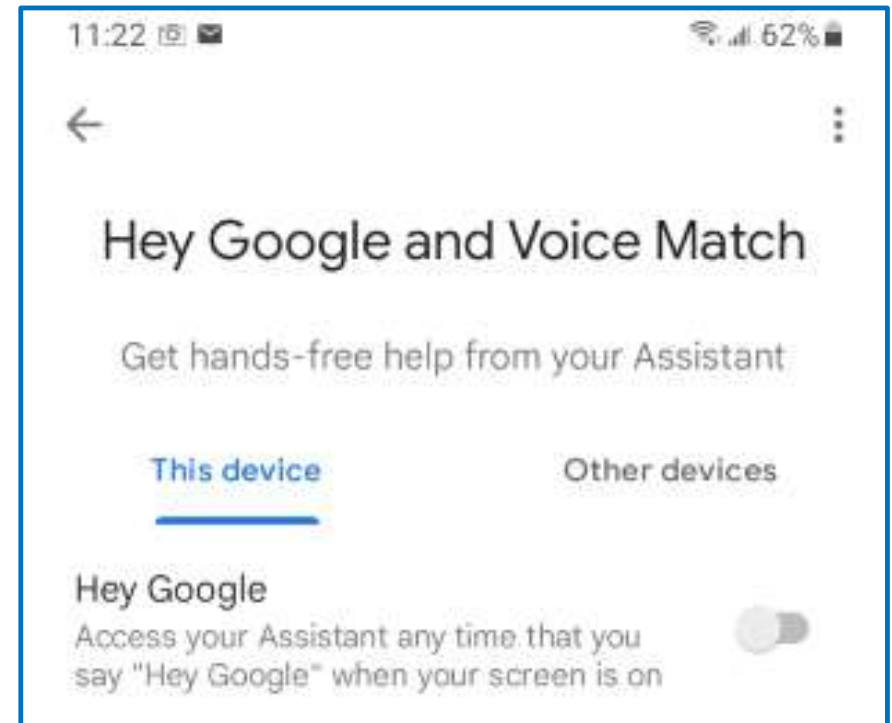
20. How do you call for help when your car breaks down and you cannot see the smartphone screen because the sun is too bright and the touch screen does not work?



How about using the
voice-activated
Google Assistant?

Just say “Hey Google”

Then, call one of Chris’s
nefarious towing company
contacts...



Access your Assistant with
'Hey Google'

Get hands-free help from Google Assistant





Try saying

“Send email using Outlook”

About this suggestion ⓘ

Call creepy guy





Try saying

“Send email using Outlook”

About this suggestion ⓘ

Call creepy guy



Unlock more Assistant features



Sorry, who do you want to call?



Contact

Share

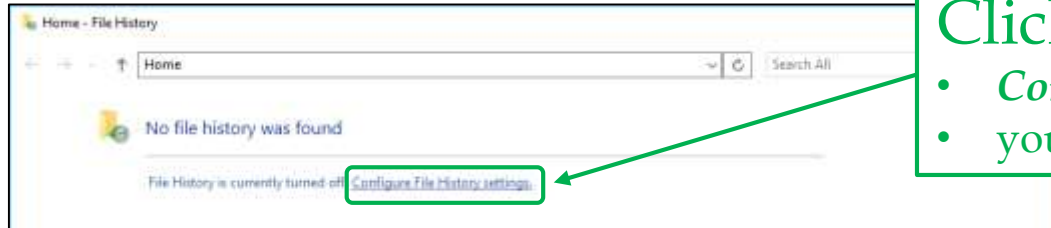
File History upgrading to a new computer



- File History
 - near-real-time backup of new and changed files
 - version control – potentially for years
 - easy to recover files
 - <https://opcug.ca/Articles/2003NEWS.pdf>
- But what if upgrading to a new computer
 - nice if you can preserve old versions of files
 - you can!
 - not quite straight-forward process

Share

- On new computer
 - connect **File History** drive from old computer
- Run *Control Panel | File History*
 - don't use *Settings | Update & Security | Backup | Backup using File History*



Click

- *Configure File History settings*
- you may not see this dialogue box



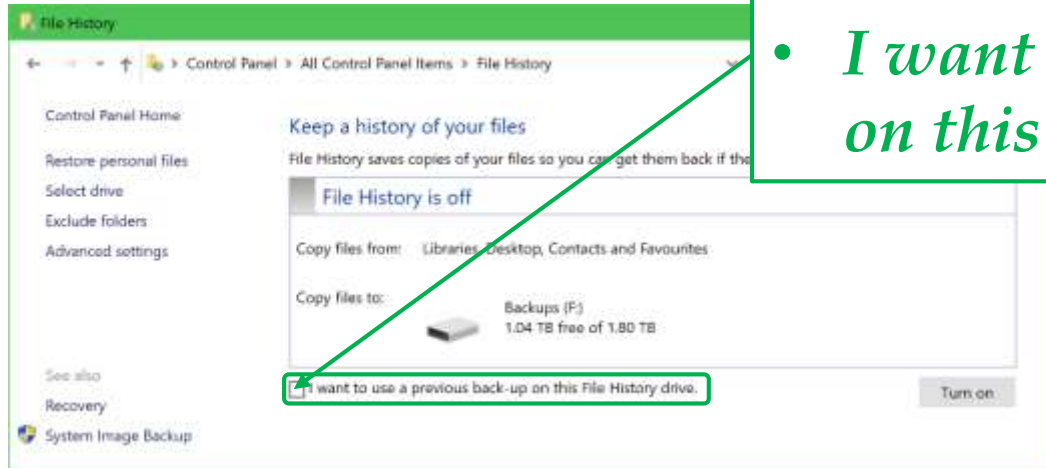
DON'T click *Turn on*

- ...yet

Share

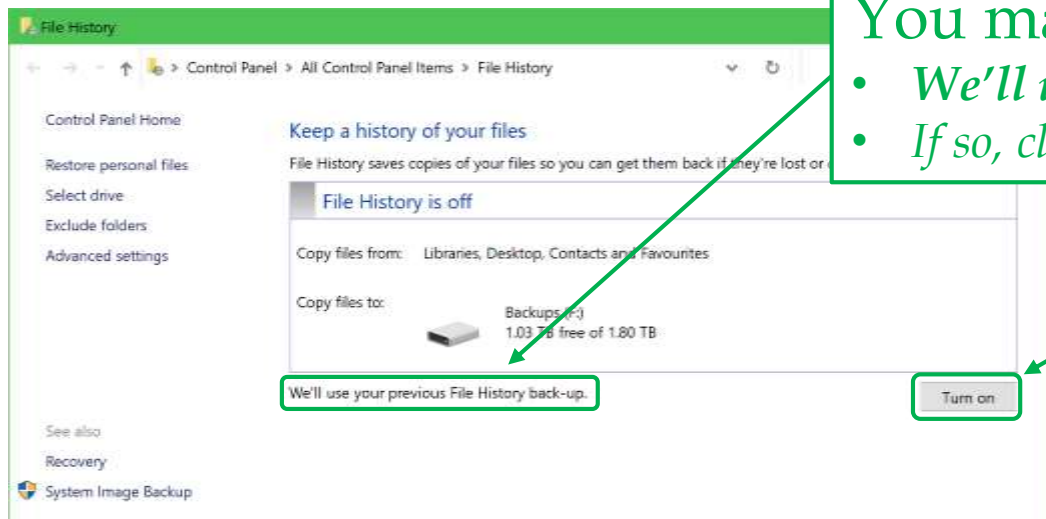
First...click

- *I want to use a previous backup on this File History drive*



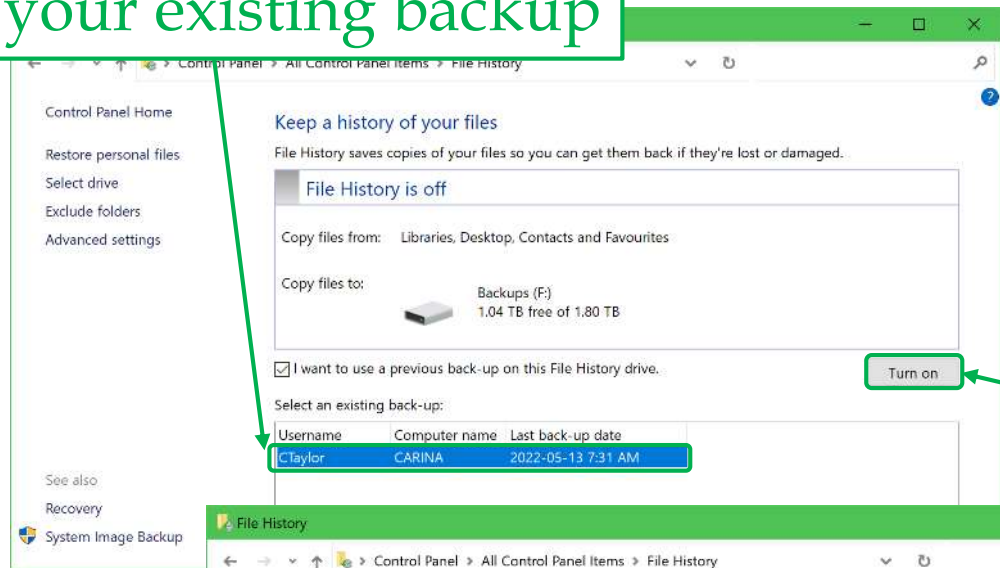
You may instead see

- *We'll use your previous File History back-up*
- *If so, click Turn on*

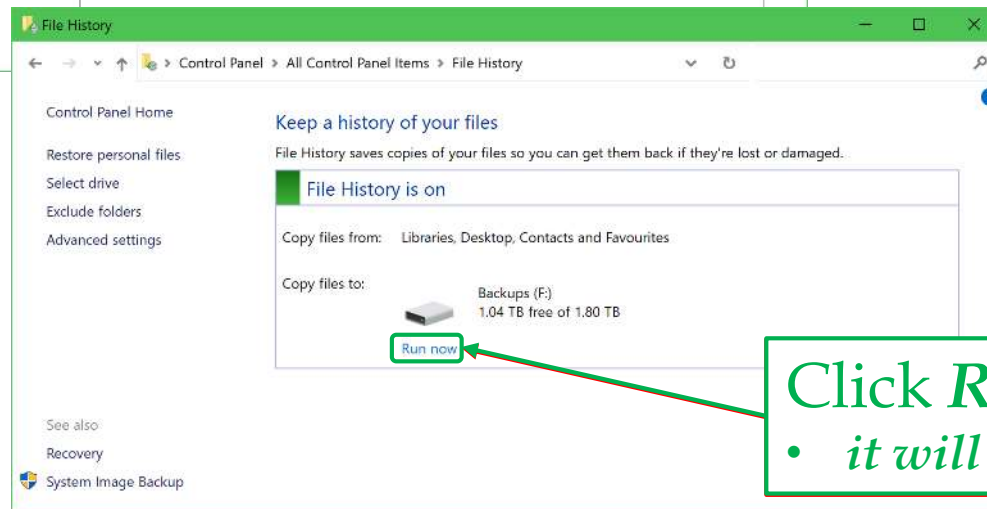


Share

Select your existing backup



NOW click *Turn on*



Click *Run now*

- *it will probably run automagically*

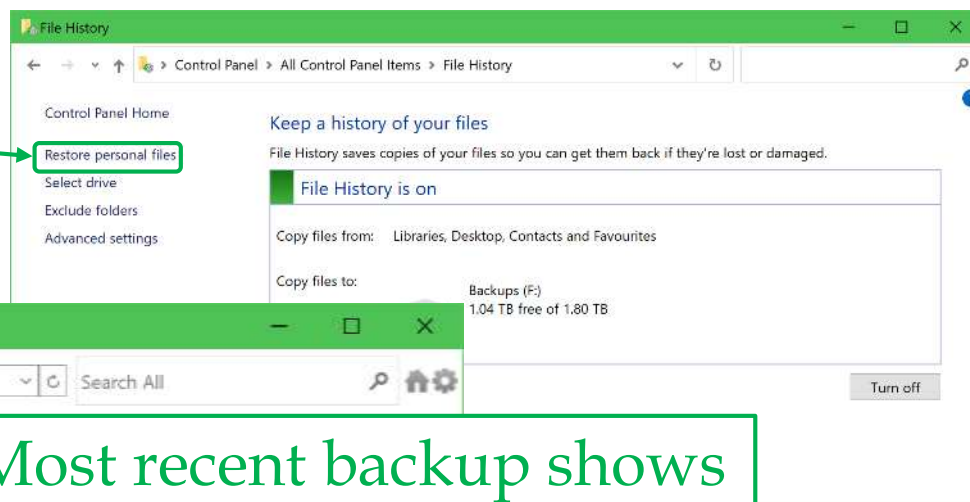
This will backup the files on the new computer

- *integrating them into the previous file history*

Share

Restoring old files

Click *Restore personal files*

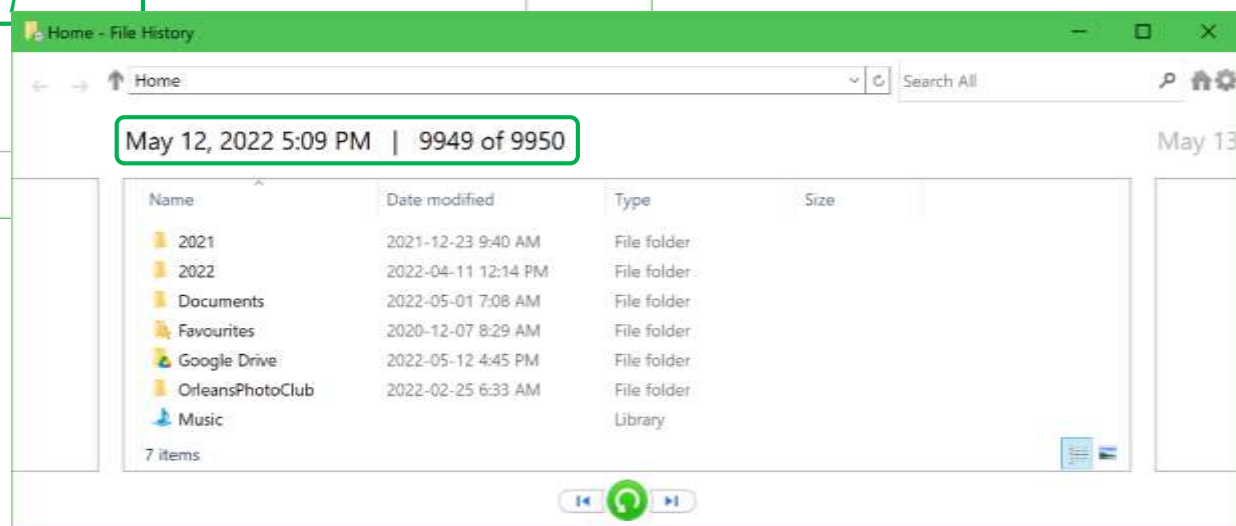


Most recent backup shows

- *this is backup of new computer*

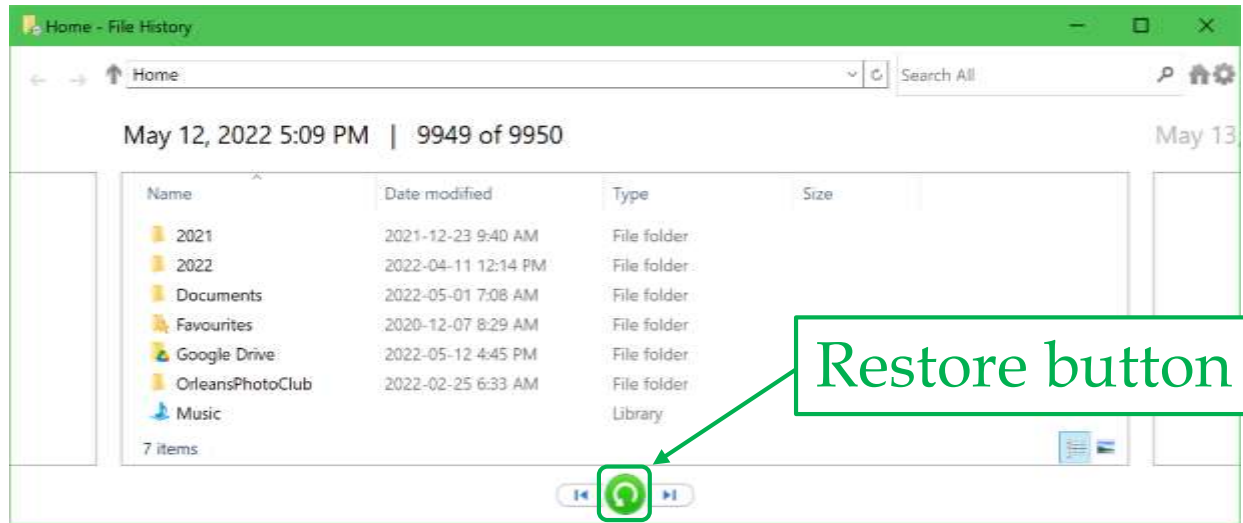
Click left arrow once

- *to get to last backup from previous computer*



Share

Restoring old files



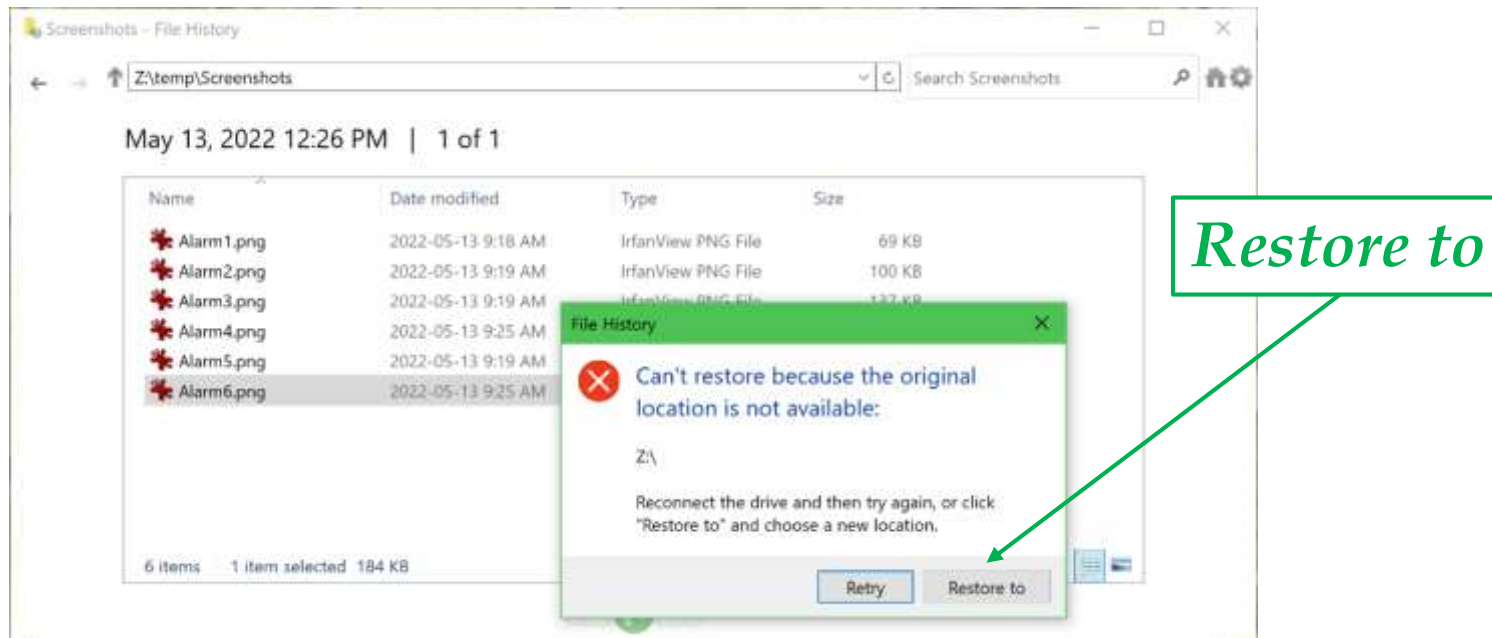
To restore **all files** to the **new computer**

- with *nothing* selected
 - click the **Restore** button
 - all files will be restored to **original location**

Share

Restoring old files

- File History will restore files to original locations
- If drive where files existed on old computer does not exist
 - option to restore to a different location



- Note:
 - *Control Panel | File History | Restore personal files*
 - only way to access files from old File History if drive is not available
 - or press   and type in *FileHistory.exe*

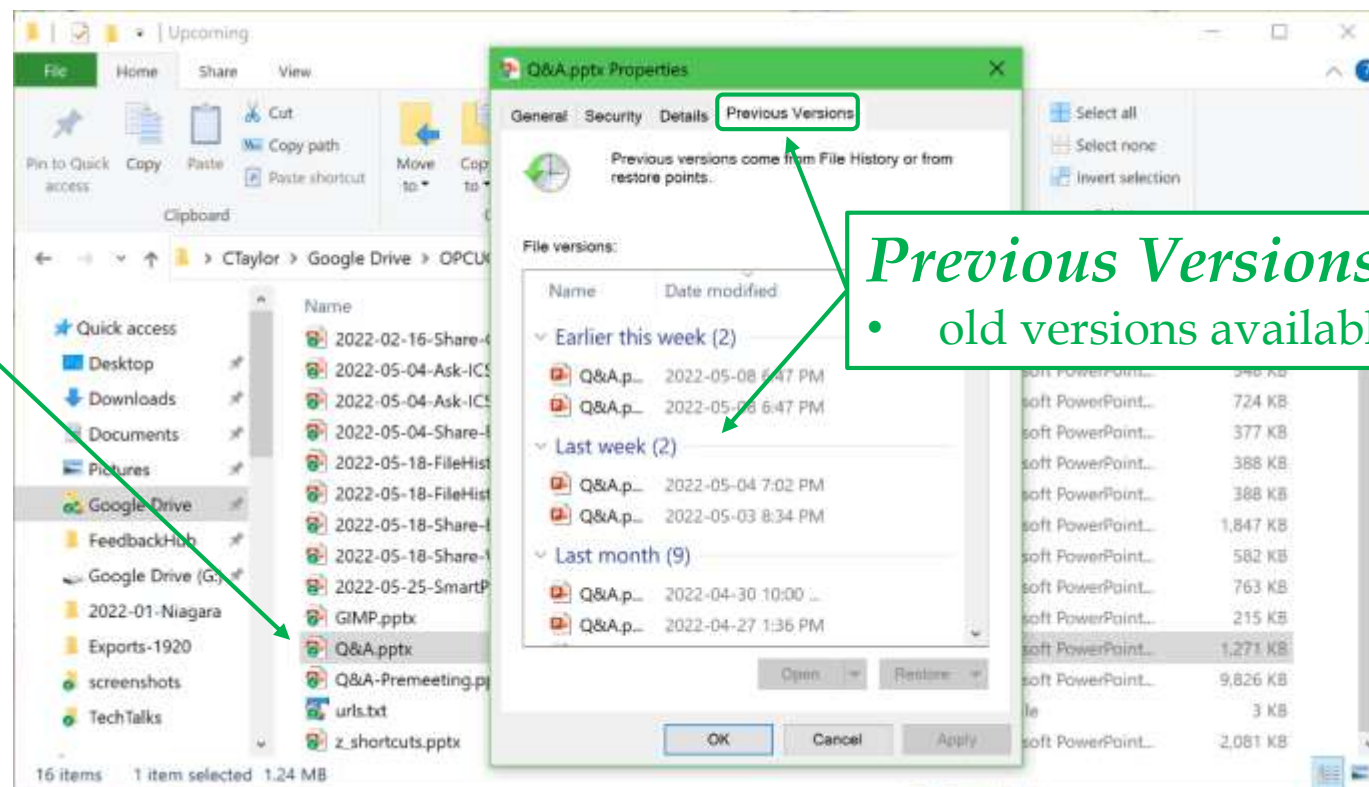
Share

If not restoring files

- If you already restored files from old computer
 - most commonly from regular backups
- No need to restore from File History
- Can still access File History to get *Previous Versions* of files

Right-click file

- choose Properties



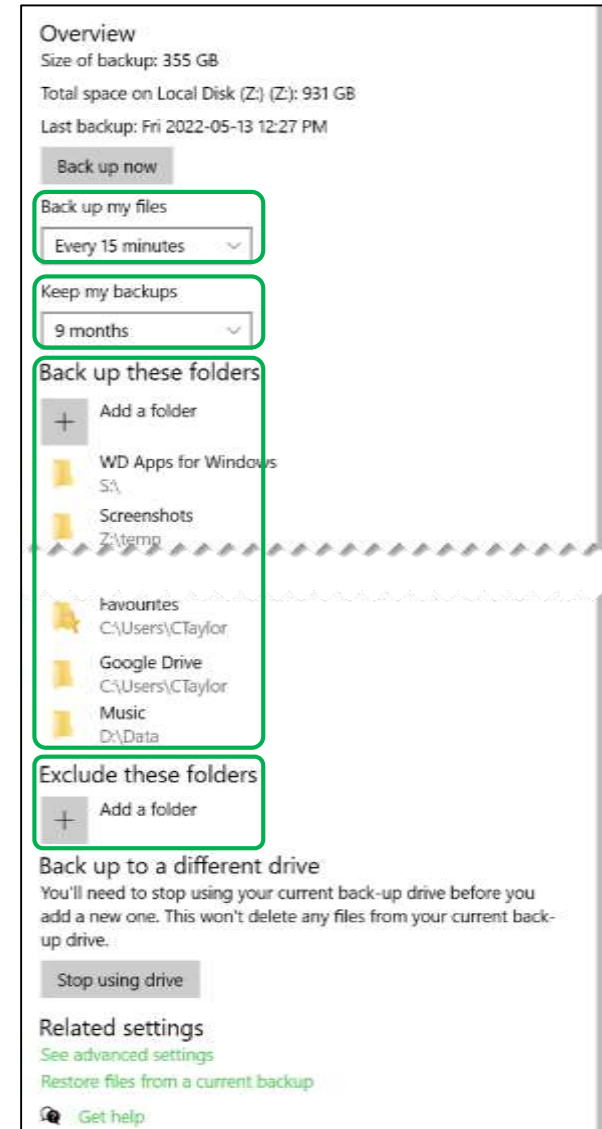
Previous Versions tab

- old versions available

Share

Configure File History

- Most people customize settings for File History
- On new computer
 - configure File History settings
 - *Settings | Update & Security | Backup | More options*
- You probably want to match settings from old computer



Share

Remember...

- File History is a great solution for
 - near-real-time backup of new & changed data files
 - potentially years worth of versions of data files
- File History is *not* a substitute for
 - image backup of your computer
 - which backs up operating system, programs, & data
 - off-site backup of your computer
 - which protects from disasters such as fire and tornadoes

Before we start the presentation, here's a shout out to Art Hunter. Art gave us a great presentation in April 2018 on his Ottawa [Microgrid Energy Freedom Project](#), and I've had a tour of his grid independent house.

In the aftermath of Saturday's storm, Art ran extension cords through his neighbourhood to power fridges and freezers, and set up a charging station in his driveway for everyone's electronics. There is more info at the Ottawa Citizen site "[Manotick man powers neighbourhood with 'micogrid' house](#)".



3 Tesla
'PowerWall'
batteries.

Also in light of Saturday's storm, just a reminder that last August and September there were two presentations on backup power sources.

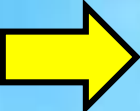
Solar Charging for Your Smartphone and Other Devices

https://opcug.ca/qa_recordings/20210825_Solar.pdf

Other Backup Power Sources

https://opcug.ca/qa_recordings/20210901_Solar_02.pdf

Video and Audio Tools Series

- How to download videos and audio from YouTube using Video DownloadHelper
- How to download or capture videos using Debut Video Capture and Screen Recorder Software
-  How to do still and video screen capture using ScreenHunter Pro all-in-one screen capture and screen recording software
- How to capture (rip) audio from a video file and how to take a screenshot of the current video frame using GOM Player
- How to rip your CD's to MP3's using Express Rip CD Ripper
- How to edit the tags (metadata) for your MP3's

How to do still and video screen capture using WisdomSoft's ScreenHunter Pro all-in-one screen capture and screen recording software



<https://www.wisdom-soft.com/products/screenhunter.htm>

ScreenHunter

ScreenHunter can do many things, including some image editing and webcam captures. Much of Screenhunter's functionality overlaps with the functionality of the NCH Debut Video Capture and Screen Recording Software we looked at previously, and you may find that just one of them can meet your needs.

We'll focus on the basics of using ScreenHunter to do basic image and video screenshots.

Features & Functionality

Lots of great features and functionality beyond what we'll be covering.

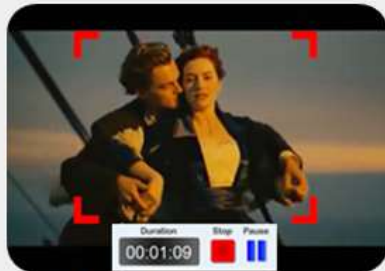
[Go here for the list of features and a comparison between the 'Free', 'Plus' and 'Pro'](#)

Prices	Free	Plus	Pro
Single License Price	\$3.99	\$19.95	\$29.95
Video Recording Features	Free	Plus	Pro
⊕ Recording length limits	1 min	10 min	No Limits
⊕ MPEG-4 video	✓	✓	✓
⊕ Video quality and frame rate		✓	✓
⊕ Sound			✓
⊕ Webcam recording			✓
⊕ Auto-stop			✓
Image Capture Features	Free	Plus	Pro
⊕ Rectangular area	✓	✓	✓
⊕ Window / Object / Menu	✓	✓	✓
⊕ Full screen	✓	✓	✓
⊕ Covered or hidden windows		✓	✓
⊕ Movie and game capture		✓	✓
⊕ Freehand area, shapes and polygons		✓	✓
⊕ Webcam capture			✓
⊕ Multiple windows and objects			✓
⊕ Auto scroll			✓
Timing & Scheduled Tasks	Free	Plus	Pro
⊕ Delayed capture	✓	✓	✓
⊕ Auto-capture and continuous capture		✓	✓
⊕ Scheduled and recurring capture			✓
Including Features	Free	Plus	Pro
⊕ Cursor, mouse pointer	✓	✓	✓
⊕ Multiple monitors	✓	✓	✓
⊕ Caption & watermark		✓	✓
⊕ Downsizing		✓	✓
⊕ Border & effects			✓
Filing & Image Editing	Free	Plus	Pro
⊕ Automatic naming when saving to a file	✓	✓	✓
⊕ Image Editor, cropping, resizing and transparency			✓
⊕ Adding annotation, text, arrows, etc.			✓
⊕ Email			✓
⊕ Saving to a PDF			✓
Other Features	Free	Plus	Pro
⊕ Desktop Toolbar	✓	✓	✓
⊕ Hotkeys - Single	✓	✓	✓
⊕ Hotkeys - Multiple		✓	✓
⊕ Profile		✓	✓
⊕ Direct printing		✓	✓
⊕ ScreenDraw & ScreenZoom			✓



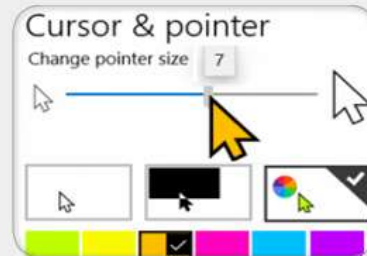
Powerful

With 64-bit power, capture [8K multiple monitor screenshots](#), and [4K screen videos](#). Capture images while recording.



Record smooth videos

With DirectX, it saves [quality MP4 files with no limit](#). Perfect for recording online movies & courses, YouTube, and Zoom videos.



Large mouse pointer

ScreenHunter is [the only screen capture software that captures and records large cursors on Windows 10](#).



Webcam, anywhere

Record [webcam](#), microphone, and desktop simultaneously. [Draw freely on-screen](#) before capturing, or during recording.



Get everything

Adjust using mouse and arrow keys to the pixel level, also capture [multiple windows](#), and [auto-scroll for long web pages](#).

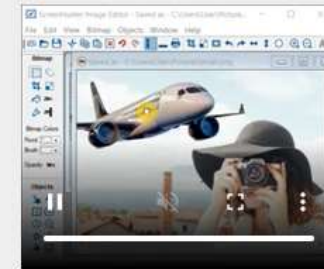


Image Editor for the rest of us

[Feature-rich](#) editing with an [intuitive interface](#), like adding arrows and [transparency](#).

Multiple



Rect. area:	F6
Fixed area:	F3
Window:	F4
Full screen:	Print Screen

Multiple hotkeys

Set [different hotkeys for different image captures](#). So you don't need to switch back and forth on settings.



Annotation

Draw [vector objects](#) on your capture in the way you want. Arrows, labels, boxes, you name it.



Games & more

Capture [full game screens](#), [minimized or covered windows](#), run [scheduled tasks](#), and [more...](#)

ScreenHunter Pricing

Prices	Free	Plus	Pro
Single License Price	\$3.99	\$19.95	\$29.95

Note that 'FREE' may not be free. After a trial period, they could ask for the fee.

Prices are in the US dollars. It is one time only, no annual fees.

There is a 30 free trial period on all versions.

Multi-license Pricing			
		Quantity	Price each
ScreenHunter 7 Pro	Single	\$29.95	
		2-14	\$25
		15-49	\$20
		50-199 (site license)	\$16
		200+ (site license)	\$11
Upgrade		\$14.95	Upgrade multi-license pricing: 50% off

Alternatives to ScreenHunter

There are oodles and oodles of screen capture, screen shot, etc. apps out there. Two others you might want to consider:

Greenshot

<https://en.wikipedia.org/wiki/Greenshot>

<https://getgreenshot.org>

Snagit

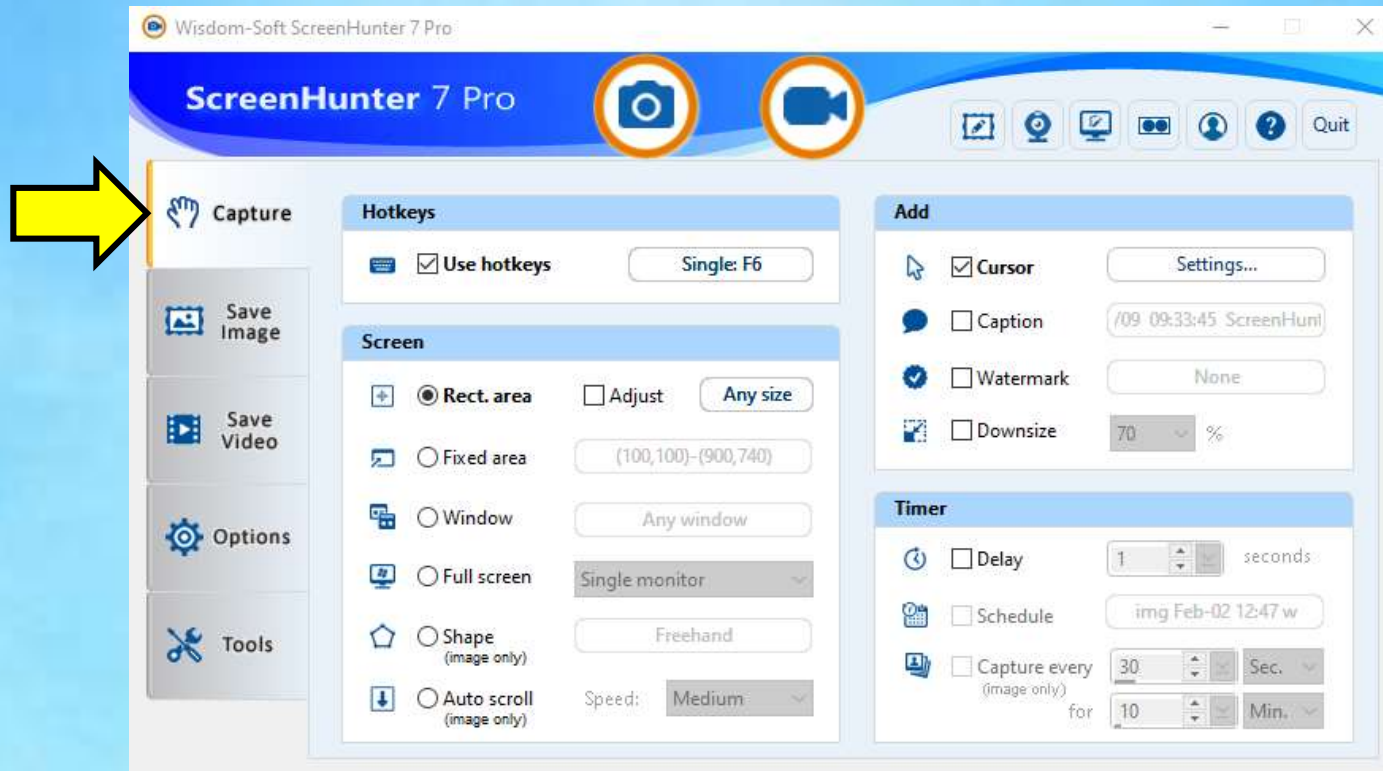
<https://en.wikipedia.org/wiki/Snagit>

<https://www.techsmith.com/screen-capture.html>

Install & Initial Setup

- ScreenHunter downloads and installs like most other Windows applications.
- The settings on the following slides are suggested settings to start. Feel free to play with them once you get used to the basics or to meet your specific needs.

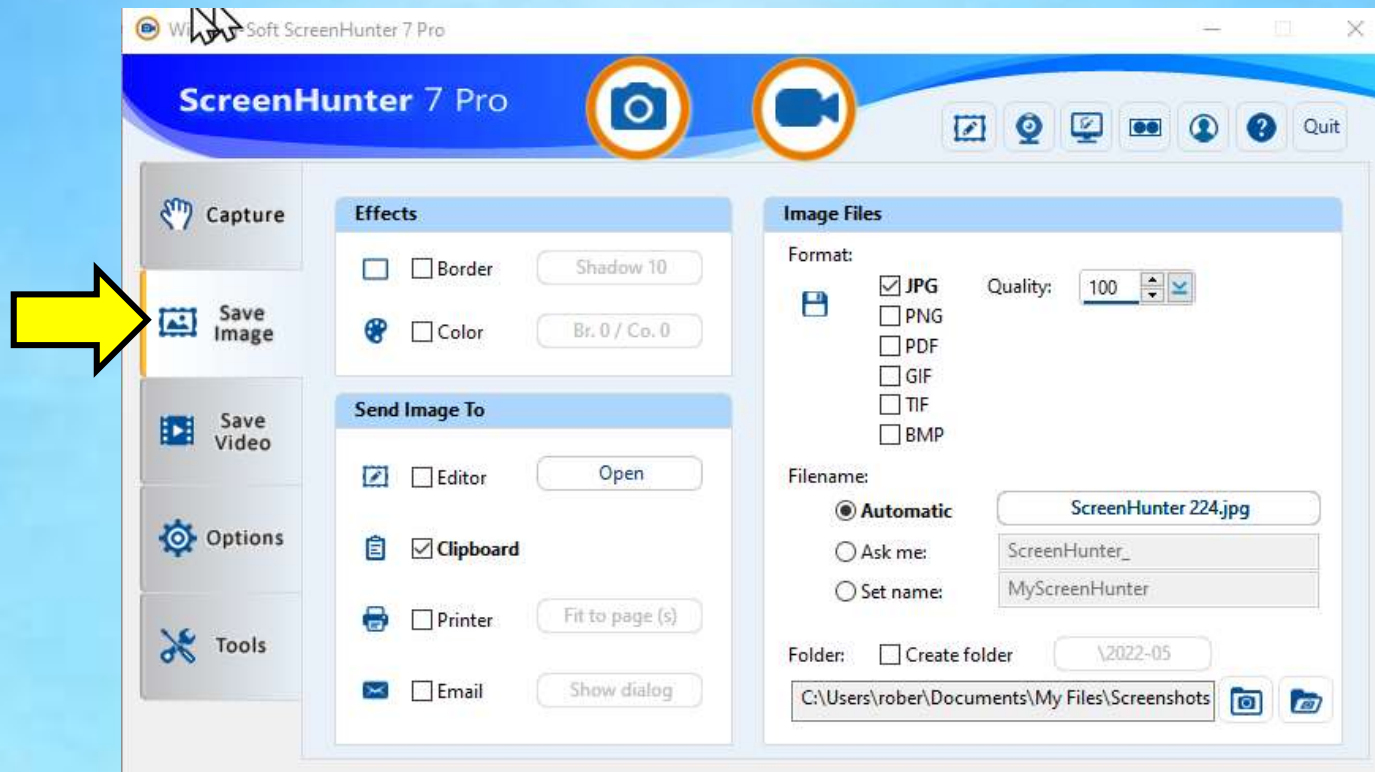
Install & Initial Setup



On the 'Capture' screen:

- Hotkeys – Tick off 'Use Hotkeys' (default is F6)
- Screen – Select 'Rect. Area'. We'll talk about the 'Adjust' box later.
- Add – Tick off 'Cursor' if you want the cursor to show up in your screenshots

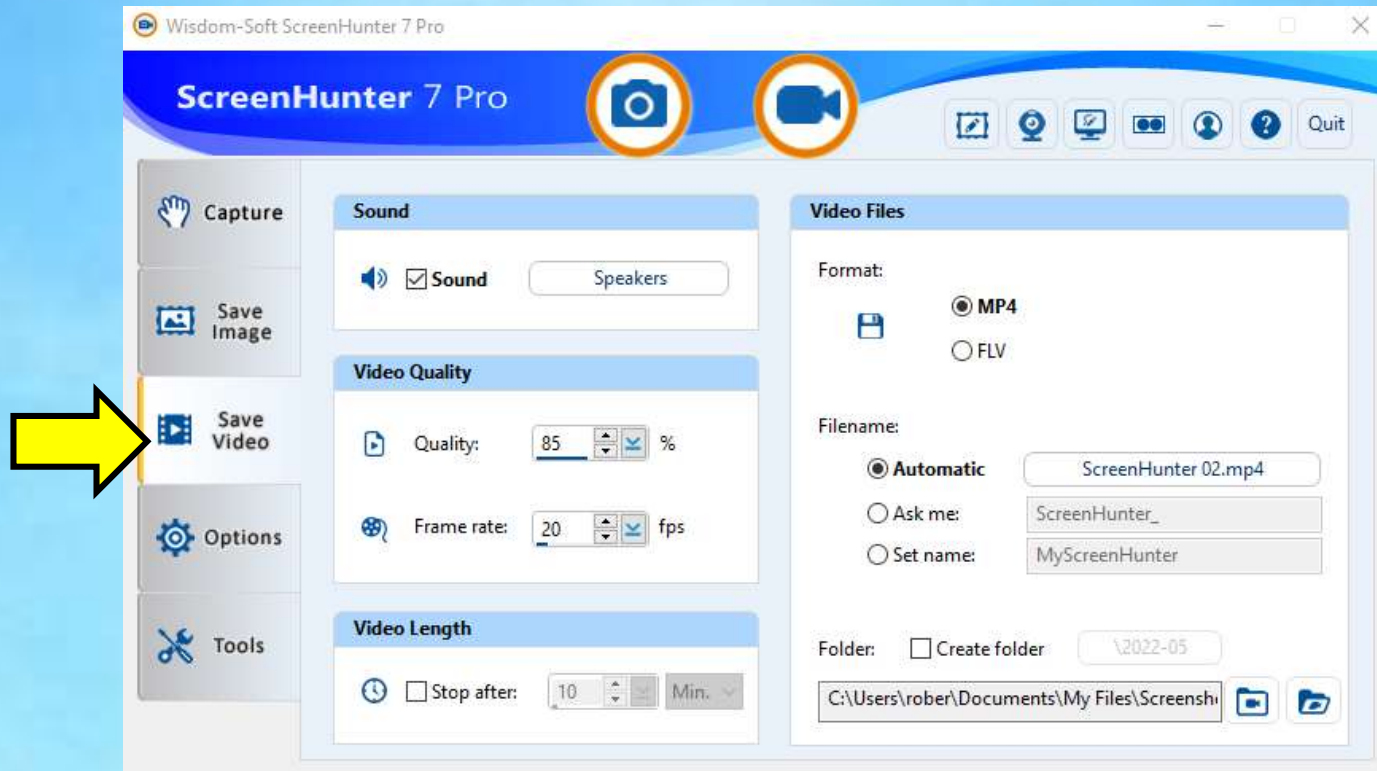
Install & Initial Setup



On the 'Save Image' screen:

- Send Image To – Tick off 'Clipboard'
- Image Files
 - Format - Tick off 'JPG' ONLY (it will create a file for each format ticked off)
 - Filename – Select 'Automatic'
 - Folder – Say where you want the files to go (something like
(\H...)\D...1\My Files\Screenshots\1...1)

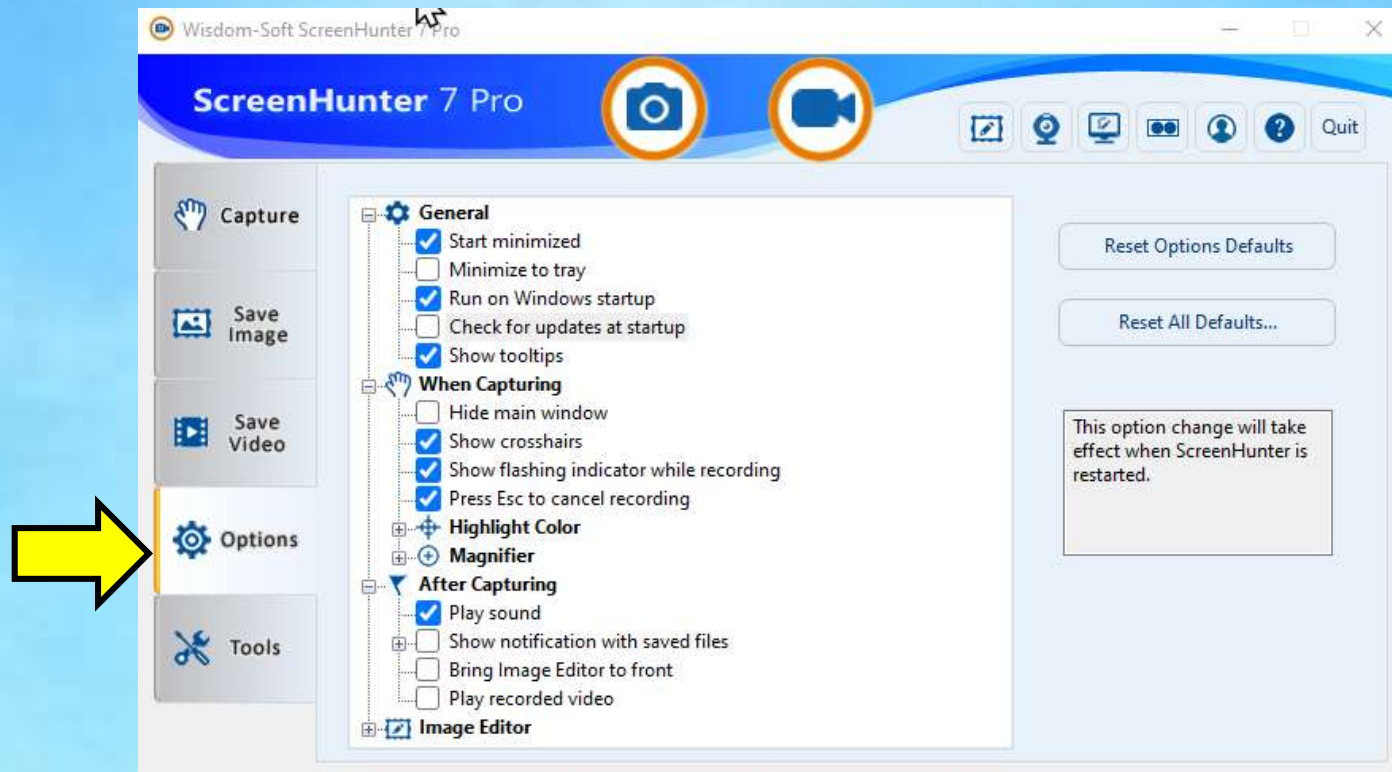
Install & Initial Setup



On the 'Save Video' screen:

- Sound – Tick off 'Sound'
- Video Files
 - Format – Select 'MP4'
 - Filename – Select 'Automatic'
 - Folder – Say where you want the files to go (something like 'c:\Users\username\Documents\My Files\Screenshots\Videos' to 1.1)

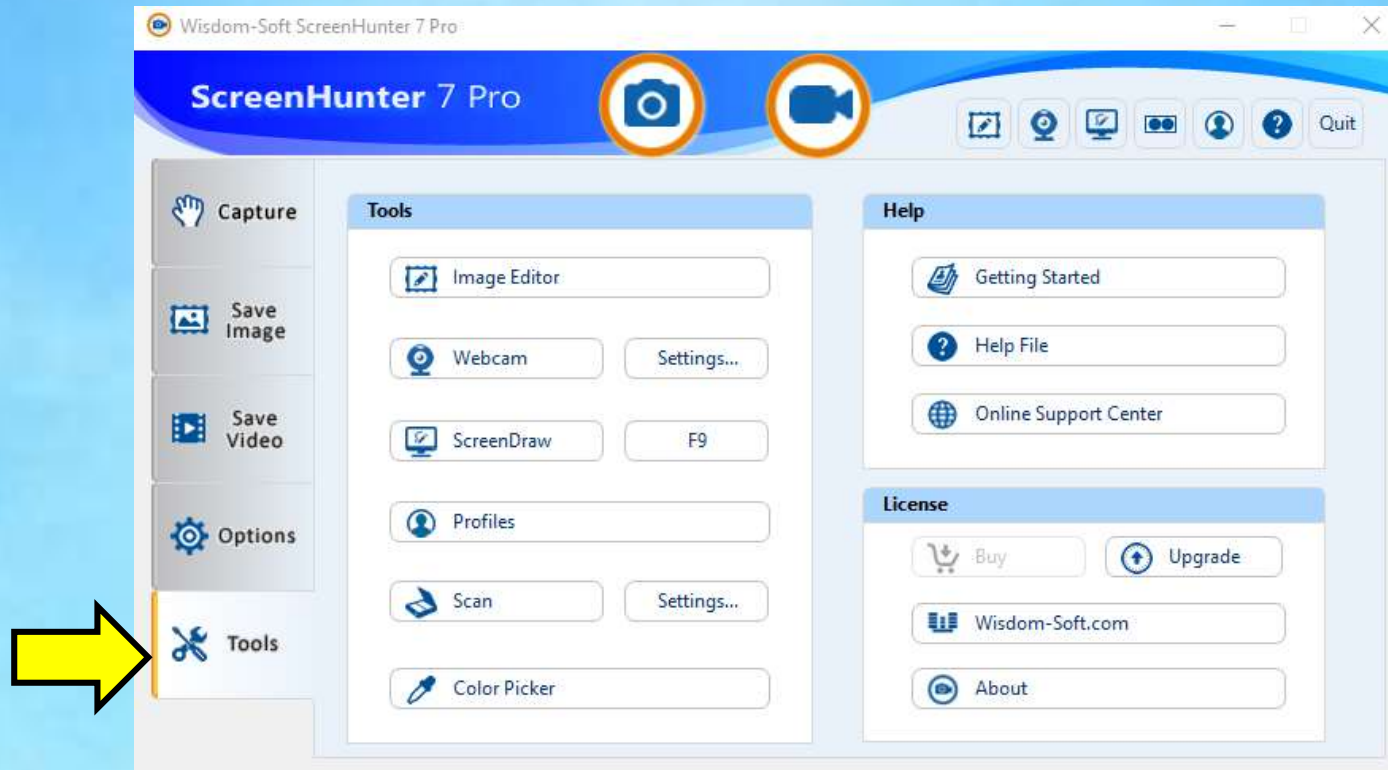
Install & Initial Setup



On the 'Options' screen:

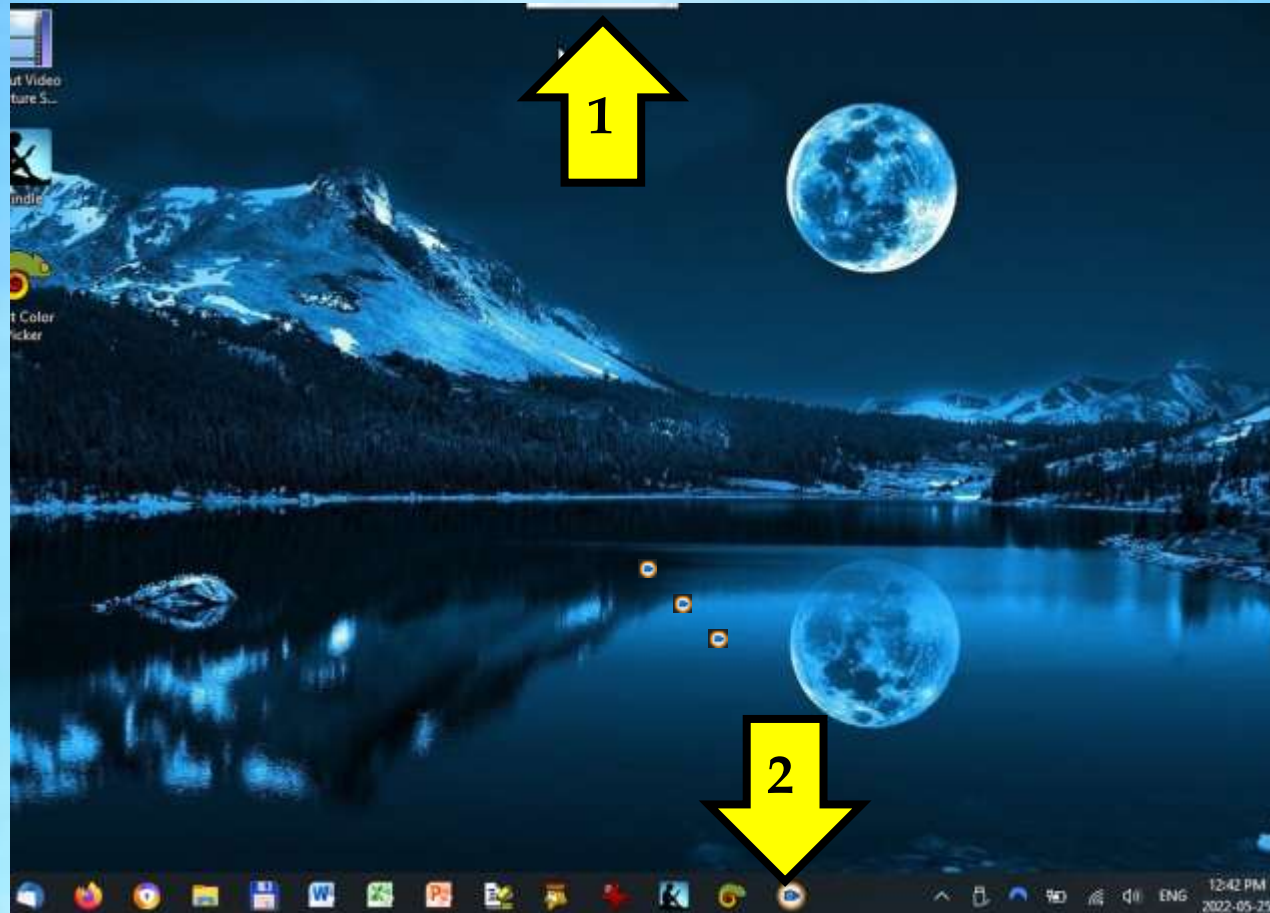
- General – Tick off 'Start' minimized', 'Run on Windows startup' and 'Show tooltips'
- When Capturing – Tick off 'Show crosshairs', 'Show flashing indicator while recording' and 'Press Esc to cancel recording'
- After Capturing – Tick off 'Play Sound'

Install & Initial Setup



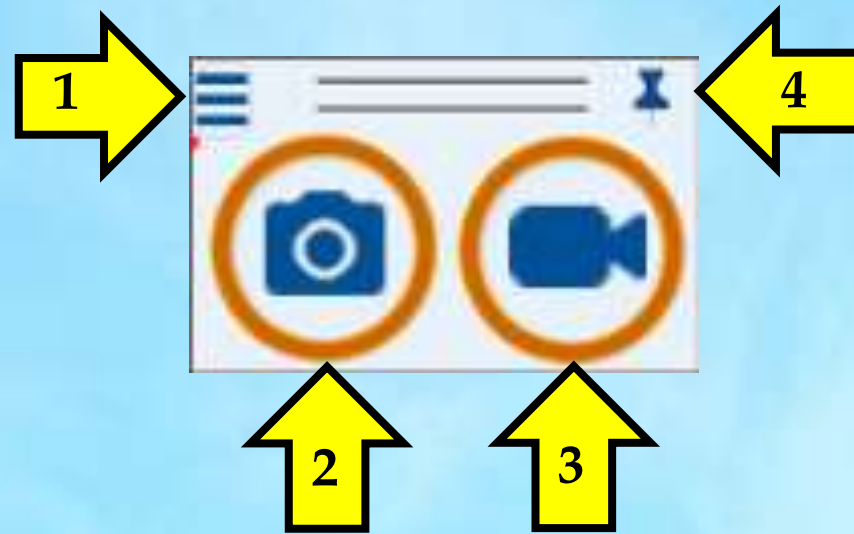
On the 'Tools' screen, there are no initial settings to worry about, but this is the screen where you enter your license information and check for updates.

Finishing Install & Initial Setup



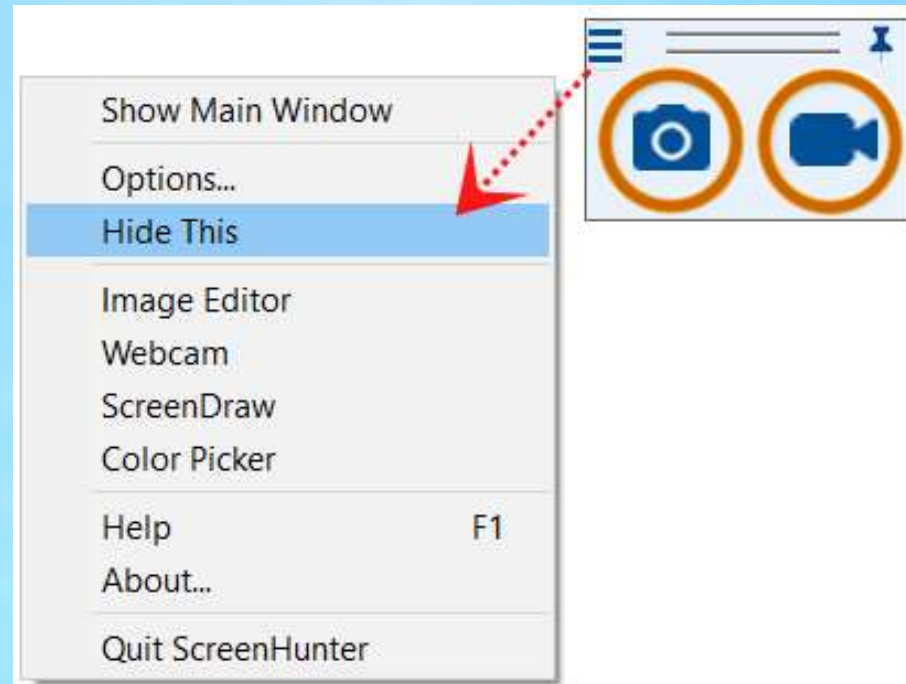
After the initial setup, restart the computer. You will see (1) a white bar at the top centre of the screen, and (2) the ScreenHunter active icon on the taskbar. You can close the icon.

The Desktop Toolbar



When you hover the mouse cursor over the white bar at the top of the screen, the Desktop Toolbar drops down. It includes (1) the Desktop Toolbar Menu icon, (2) the 'Capture Now' button to immediately capture an image, (3) the 'Record Now' button to immediately start recording a video, and (4) the 'Pin-Unpin' icon that allows you to move the Desktop Toolbar.

The Desktop Toolbar



Clicking on the Desktop Toolbar Menu icon brings up a menu that, among other things, allows you to hide the Desktop Toolbar. I use the menu mostly to bring up the main ScreenHunter window.

To capture a rectangular area of your screen

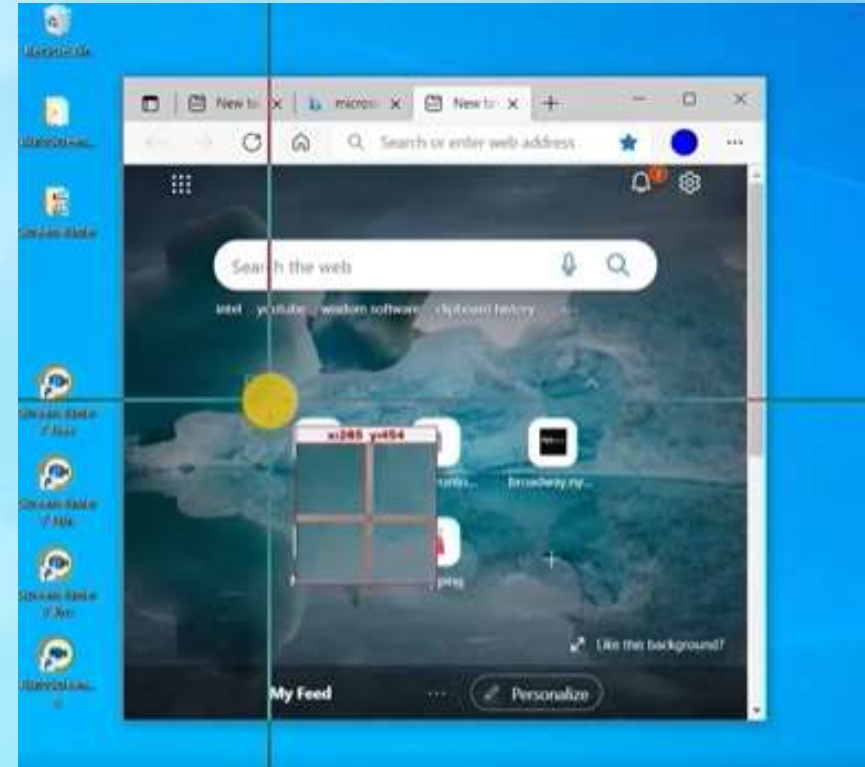
During the initial setup, in 'Capture - Screen' we selected 'Rect. Area'. This enables you to select a specific rectangular area of the screen for your image and video captures. It is the setting you'll probably use the most, so we'll look at how to do this first.

Later you may want to explore doing captures of the full screen, the active window, or while scrolling through a web page. You can find directions for doing these at <https://www.wisdom-soft.com/help-sh/quick-guide.htm>, where there are Quick How-To's and Step-By-Step directions. There are also lots of videos on YouTube if you search for "screenhunter".

To capture a rectangular image from your screen

(1) Press the hotkey (F6 by default), OR hover the mouse cursor over the white bar at the top of the screen and when the Desktop Toolbar drops down, click on the Capture Now button, OR if the main ScreenHunter window is open, click on that Capture Now button. A set of crosshairs with a detail window will appear.

(2) Move the crosshairs to a corner of the image. You can use the enlarged crosshairs window for fine adjustments of the position. When the crosshairs are positioned where you want, click and hold down the mouse button, then drag to select an area on the screen. Release the mouse button to capture. If the 'After Capturing -Play Sound' was selected during the initial setup, you should hear a camera shutter sound. Your capture of the image is now complete, and the file will be wherever you chose during setup. Press Esc or right-click the mouse button to cancel at any time before the capture is complete.



To capture a rectangular image from your screen

- If the 'Capture - Screen - Adjust' box was checked during setup, the capture will not start after releasing the mouse button. The selected area will be highlighted. You can use your mouse or arrow keys to adjust the size of the area and click the camera button to capture an image. Also, you can press Enter on your keyboard to finish.
- Press Esc or right-click the mouse button to cancel at any time before the capture is complete.



To capture a rectangular video from your screen 1



(1) Press the hotkey (F8 by default), OR hover the mouse cursor over the white bar at the top of the screen and when the Desktop Toolbar drops down, click on the Record Now button, OR if the main ScreenHunter window is open, click on that Record Now button.

(2) Move the crosshairs to a corner of the image. You can use the enlarged crosshairs window for fine adjustments of the position. When the crosshairs are positioned where you want, click and hold down the mouse button, then drag to select an area on the screen. Release the mouse button and the capture will start (at this time you may want to start or re-start the playing of the video). Click on the 'Stop' button to stop the Capture. You may get a few seconds of garbage before the beginning and after the end. If this is a problem, you can use a video editor like Shotcut* to edit the garbage

To capture a rectangular video from your screen 2

If the 'Capture - Screen - Adjust' box was checked during setup, the selected area will be highlighted. You can use your mouse or arrow keys to adjust the size of the area and click the 'Record Now' button to begin the capture.

Press Esc or right-click the mouse button to cancel at any time before the capture is complete.



Caveats

1. Be careful of where the mouse cursor is before you start the capture. Keep it out of the area you want to capture, and don't move it after you start the capture until the crosshairs have come up.
2. You can capture many images by right-clicking on the image and selecting 'Save image as' or 'Copy image'.
3. Try the trial version to see if ScreenHunter meets your needs before buying.

URL's from this Presentation

ScreenHunter Website

<https://www.wisdom-soft.com/products/screenhunter.htm>

List of Features and Comparison Between Versions

<https://www.wisdom-soft.com/screen-recorder/screen-capture.htm>

Directions and Tutorials

<https://www.wisdom-soft.com/help-sh/quick-guide.htm>

Art Hunter's Ottawa Microgrid Energy Freedom Project

<http://canadiancor.com/energy-freedom-project>

Ottawa Citizen article "*Manotick man powers neighbourhood with 'micogrid' house*"

<https://ottawacitizen.com/news/local-news/ottawa-storm-2022-manotick-man-powers-neighbourhood-with-micogrid-house>

How to Make Bourbon Whiskey BBQ Sauce

<https://www.allrecipes.com/recipe/16115/bourbon-whiskey-bbq-sauce>

Greenshot

<https://en.wikipedia.org/wiki/Greenshot>

<https://getgreenshot.org>

Snagit

<https://en.wikipedia.org/wiki/Snagit>

<https://www.techsmith.com/screen-capture.html>

Coming Up Next Time

- How to download videos and audio from YouTube using Video DownloadHelper
- How to download or capture videos using Debut Video Capture and Screen Recorder Software
- How to do still and video screen capture using ScreenHunter Pro all-in-one screen capture and screen recording software
- ➔ • How to capture (rip) audio from a video file and how to take a screenshot of the current video frame using GOM Player
- How to rip your CD's to MP3's using Express Rip CD Ripper
- How to edit the tags (metadata) for your MP3's



**Any other:
Questions
Comments
Shares?**

Scam avoidance and trust

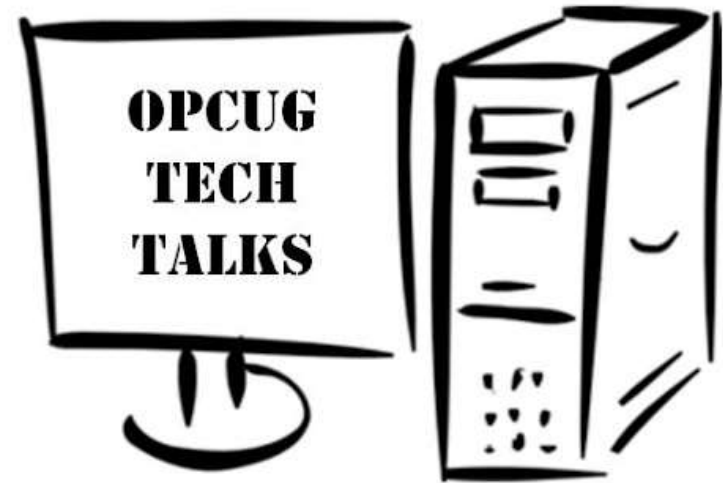
June 6th, 7:00 pm

Protect yourself from the many computer-based scammers who are always trying to steal your money or your identity.

Lawrence Patterson will review the significant difference between blind and wise trust, sources of scams, tips to be aware of, details common to all scams and, most importantly, how to take control.

Full details at:

<https://opcug.ca/events/photoediting/>



Lawrence Patterson

Registration required

*Free for OPCUG members
\$20.00 for non-members
(including one-year membership)*

June Meeting

Pizza-Q

Vincent Massey Park
(Heron at Riverside)
Picnic Shelter S2

June 8, 2022

Pizza arrives at 6:30 pm



Members' Favourites

September 14, 2022

- Any computer-related topic (neat application, awesome hardware, operating system tweak...)
- 10-20 minute presentation

*Reserve your presentation slot:
SuggestionBox@opcug.ca*

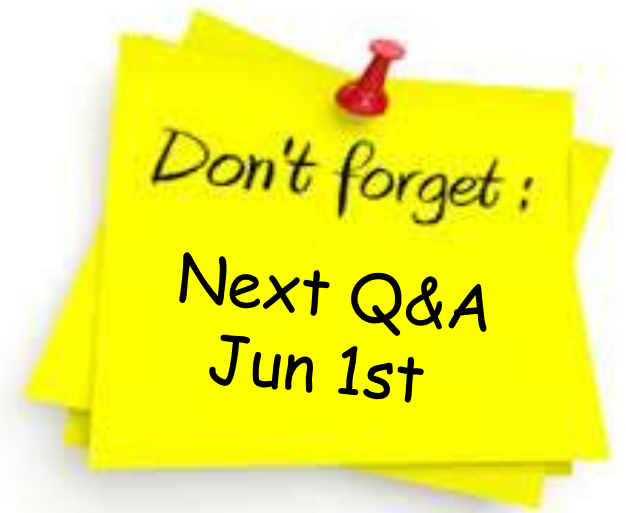




**Suggestions for
topics for
presentations at:**

**Monthly
meetings**

Q&A



**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca

