*TC/PC Exists to Facilitate and Encourage the Cooperative Exchange of PC Knowledge and Information Across All Levels of Experience*

## July 2025

## General Meeting[4]
### Tuesday, July 8, 2025
### 7:00 PM

### Windows Updates:
### Windows 11 24H2 & Windows 12
#### Via Zoom Only

At the July meeting we will take a look at the new features in the latest update  to Windows 11 (Windows 11 24H2) and the guesstimate from Windows insiders as to what's in store in Windows 12 and when it might be released. If you are a Windows insider or not, please bring your thoughts to add to the discussion.

**Saturday SIG meetings** are on vacation for the summer. They will return in September. Mark your calendars!

**Note:** All TC/PC Meetings and SIG Groups will be virtual until further notice. Visit tcpc.com for info**.**

**Tech Topics with Jack Ungerleider via Zoom at 6pm before the General Meeting.**

APCUG

**24-Hour Information • www.tcpc.com**
**Application form inside back cover**

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# The Digital Viking

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Meets once or twice per year. All members welcome to attend.
Visit www.tcpc.com for meeting details.

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# USB Drive Share via a Router
**by Alan German**
## Ottawa PC Users Group
## https://www.opcug.ca

My Bell Giga Hub modem features two external USB ports so I wondered if I could use one of these to host a USB drive and make this available over the wireless network.  Sure enough, information available on the Internet, including documentation from Bell, suggested that a connection should be made to the network path \\mynetwork.   However, Windows returned an error indicating that this path was not accessible.  A query to networking-guru Chris Taylor suggested that \\192.168.2.1 was more likely to be successful and indeed this proved to be the case.

Furthermore, I subsequently discovered that a USB share using this path could be accessed from Windows, Linux and Android.  Consequently, my home Wi-Fi now provides me with a micro-version of a network attached storage (NAS) system that I can access from any of my computers booted into either Linux or Windows, and from Android smartphones and tablets.



*Micro-USB drive plugged into the Giga Hub modem*

For anyone who has similar hardware and wishes to set up a USB share, the procedures for the three operating systems are provided below.  The example uses a 64-GB nano-USB drive with the device name 64gbnano, but it will be obvious how to customize the commands for another system.

Windows 10:
In the search box on the taskbar, type Run.  In the text box, labelled Open, type \\192.168.2.1\64gbnano and press OK.  File Explorer will now open and display the contents (if any) of the USB drive.
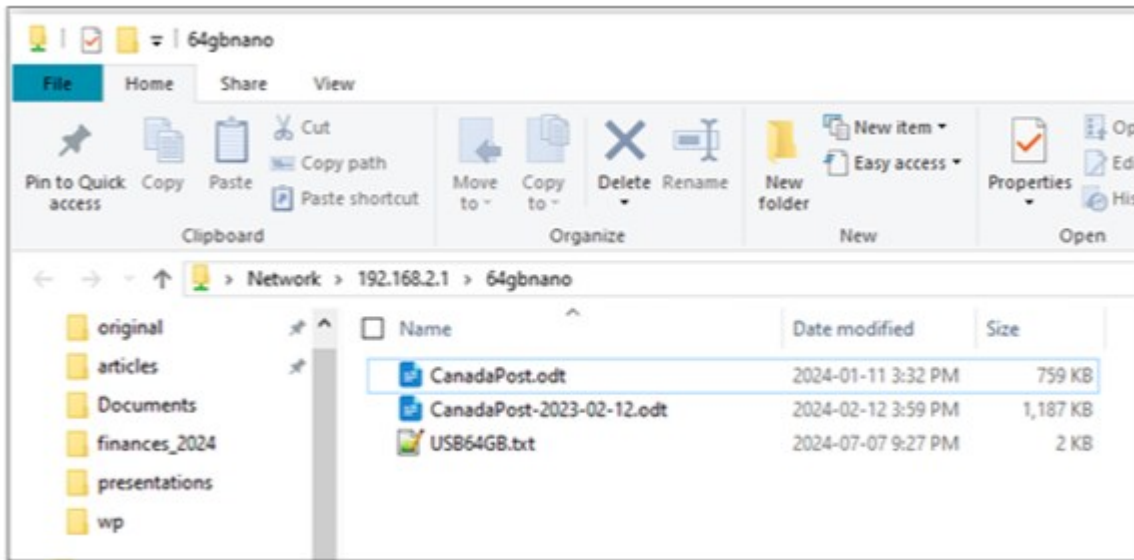
*Network share 65gbnano in File Explorer*

Linux Mint:

In the address bar of Nemo, the file manager for Linux Mint, enter smb://192.168.2.1/64gbnano. Note that forward slashes are required for Linux systems.  A dialogue box will now open requesting authorization.  Click on the radio button to connect as Anonymous and press Connect.  Nemo will now display the files in the network share,

Android 11:

Using the Cx File Explorer file manager  (https://play.google.com/store/apps/details? id=com.cxinventor.file.explorer), navigate to NETWORK > New location > REMOTE > SMB.  Enter 192.168.2.1/64gbnano as the Host, check the box labelled Anonymous, and press OK.  The file manager will now display the contents of the USB drive.

USB drive contents in Android's file manager

Conclusion:

USB drive contents in Android's file manager Using this technique a reasonably-sized USB drive can be used as network attached storage for a home Wi-Fi system. Furthermore, the use of a micro -USB drive makes this drive fairly unobtrusive. The network share allows access to the same set of files for all connected devices and provides a ready mechanism to wirelessly copy files between devices.

# Photography
# Getting up close and personal!
**by Lynda Buske**
**Ottawa PC Users Group**
**https://www.opcug.ca**

Even though I think of myself as primarily a landscape photographer, I do like getting up close to objects in nature. Sometimes this involves getting down low as well and I enjoy achieving that different perspective from the very common eye level pics many people take. While a lower perspective can work in all sorts of situations, it is particularly useful for macro nature photography. If I'm going to show you what a mushroom looks like from the perspective of a mouse, I need to get at mouse level. But I'm getting ahead of myself.

Let's think first about some common macro natural subjects. For me, what immediately come to mind are blossoms, bugs and butterflies. The key to macro composition is eliminating background clutter and homing in on a single subject. There are various ways to do this. If you don't have an actual macro lens, just get as close as you can (either physically or zooming) and crop your image tightly later. It varies but many standard lenses do not allow you to get closer than a foot or so from your subject.

My cell phone (Google Pixel 6 pro) can actually focus within an inch or so of an object and once it's locked in, I can zoom even closer whereas it will not focus that close from the start (this is only possible if you have an optical zoom on your phone).

A second method of eliminating or lessening background "noise" is to have a short depth of field so all but the main areas of interest are softened. With a standard lens, this can be done by opening your aperture as wide as you can (smallest f-stop number). However, with a macro lens, your camera is so close to the subject that setting a wide aperture may literally result in only a few millimetres depth of field (the area of your photograph that is considered to be acceptably sharp focus). Unless the subject is very thin, this will probably result in too much of the photo being out of focus. So, while you can get much closer with a macro lens, you need to make sure you have sufficient depth of field. Using my 105mm macro, at just a few inches from the subject, I set the aperture to f/11 for image 1 and f/16 for image 2.



Image 1, A=11 (f/11)



Image 2, A=16 (f/16)

When selecting a small aperture (high number) in order to achieve enough depth of field, you will need a longer shutter speed to let in sufficient light for proper exposure and it may be too slow for

you to hand hold the camera steadily enough. Using a tripod will keep things still when a long exposure time is required. For image 3, I didn't have a tripod but instead placed my camera on the ground (on a plastic bag) and shot up. It is very useful to have an articulated back screen in this situation so you can see what you are shooting.

An alternative to a longer shutter speed is bumping the ISO to a higher number. This will give you a faster shutter speed although it may introduce some graininess/noise at the higher settings. This can be corrected in post processing.



Image 3

Of course, macros do not have to be only bugs and flowers. It is fun to take closeups of all sorts of subjects and isolate details you want the viewer to focus on.

If you wish to explore macro photography further, an excellent Canadian photographer is Don Komarechka. (https://www.donkom.ca/)

# Glympse
# HERE'S MY CURRENT LOCATION
**By Phil Sorrentino**
**Sarasota Technology Users Group**
**Thestug.org**

Most people recoil at the thought of someone else knowing their location, but Glympse offers an opportunity to share your location safely and benefit from it.

## WHAT IS GLYMPSE?
The dictionary defines glimpse as "a momentary or partial view." Glympse, spelled with a "y," is an app for Android and iPhone that lets you temporarily share your location with others in real time—easily and safely.

## HOW DOES GLYMPSE WORK?
Glympse uses the GPS capability in your smartphone to share your location on a web-based map for a predetermined period of time with anyone you choose. So, a "glimpse" on Glympse provides someone with your real-time location for a limited amount of time—on your terms.

Your location remains private because you control who you share it with and for how long. This temporary location sharing is easy to set up, and you can share your location via email or text.
• No sign-up is required.
• The recipient does not need to install the app.
• Your location sharing automatically stops after the time limit you set.

When using the app, sharing your location with someone is called "sending a Glympse." The Glympse is sent via text message or email to the person you have selected. When the recipient clicks the Glympse link, they will see your location in real time on a map using any web-enabled device, such as a computer, tablet, or smartphone, for as long as you allow them access.

## WHY USE GLYMPSE?
Glympse answers the question "Where are you?" and helps others estimate your arrival time. It's useful for:
• Letting your spouse know when you'll be home for dinner.
• Informing a client when you'll arrive for a business meeting.
• Helping businesses provide customers with real-time tracking for home deliveries.
• Assuring family of your safety during a marathon or road trip.

There are countless other uses, depending on your needs!

## REAL-WORLD EXAMPLES OF GLYMPSE IN ACTION
Trip to Orlando
I first used Glympse when traveling to Orlando for a holiday celebration. The unpredictable nature of I-4 made me think of using it. The trip should have taken under three hours, so before leaving, I sent a Glympse to my brother for four hours of location sharing.
• He could see when I left my driveway and if my car was moving.
• If my speed showed 0 mph, he would know I hadn't left yet.
• If he checked later and saw I was moving at 70 mph, he'd know everything was on track.
• If he saw my car crawling at 2–3 mph on I-4, he'd know there was a delay and that dinner might need to be adjusted!

By checking my speed and location, he could estimate my arrival time and adjust accordingly. This method has worked well on multiple trips, keeping everyone calm despite the vagaries of I-4.

Coordinating a Meet-up
I also used Glympse when coordinating a meeting with a friend in a city halfway between us.
• I was leaving from Sun City Center, FL.
• My friend was leaving from Atlanta, GA.
• We planned to meet at a hotel in Tallahassee, FL, around 6 p.m.
• We estimated six-hour drives and set our Glympses for eight hours to account for delays.

By tracking each other's real-time locations and speeds, we could estimate arrival times and adjust our trips as needed. However, for safety reasons, it's best to have a passenger monitor the Glympse on the smartphone so the driver is not distracted.

**FINAL THOUGHTS**
Sharing your location may seem intrusive at first, but Glympse makes it useful and secure in certain situations. This is just one more way your smartphone can enhance your life—probably something you never considered when you first bought it!

**Meetings start at 7:00 PM (9:00 AM on Saturday) unless otherwise noted. *Virtual Meetings during Covid pandemic.**

## July

## August

| SUN | MON | TUES | WED | THU | FRI | SAT |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8<br>7pm General Mtg<br>Windows Updates<br><br>6pm Tech Topics | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1- | 11 | 12<br>7pm General Mtg<br>TBD<br><br>6pm Tech Topics | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | Go to Page 1 | |

# Twin Cities PC USER GROUP

## You have just read an issue of The Digital Viking.

*Would you like to receive this delivered directly to your email or business each month?*

As a member of TC/PC, the Twin Cities Personal Computer Group, one of the benefits
is reading this monthly publication at www.tcpc.com..

As a member of TC/PC, you may attend any or all of the monthly Special Interest Group (SIG) meetings and be eligible for
software drawings. The small membership fee also includes
access to real-live people with answers via our helplines, discounts, and various other perks.

Does membership in this group sound like a good way to increase your computer knowledge?

It's easy to do! Simply fill in the form below and mail it to the address shown.
(If you use the form in this issue, you will receive an extra month for joining now.)

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**7/25**

**Here's the info for my TC/PC Membership:**

Full name_____

Company name_____

Address_____

City_____ State_____ Zip_____

❍Home ❍Business ❍Change address: ❍Perm. ❍Temp. 'til _____

Home phone_____ Work phone_____

Online address(es) _____

Where did you hear about TC/PC? _____

❍ I DO NOT want any of my information disclosed.
❍ I DO NOT want to receive any mailings

**I'm signing up for:**
❍ Individual/Family Membership ($9)
❍ Business Membership ($100)
If an existing member your # _____

**Make checks payable to:**
**Twin Cities PC User Group**
**341 County Rd C2 W**
**Roseville, MN 55113**

**Or sign up on our website:**

**http://www.tcpc.com**

❍ Check #_____ ❍ Bill me
❍ New member ❍ Renewal ❍ Prior member
I'm interested in:
❍ Training classes ❍ Volunteering
❍ Special Interest Groups: New User, Access, etc.
List here:

**Administrative Use Only**  Rec'd_____ Chk#_____

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**July 8, 2025**

**7:00 pm**

# General Meeting

**Windows Updates:**

**Windows 11 24H2 & Windows 12**

**Via Zoom Only**

**Twin Cities**
**PC USER GROUP**

**341 County Rd C2 W**
**Roseville, MN 55113**

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