

The Digital

(membership includes  
monthly subscription)

# Viking



**Twin Cities**

PC USER GROUP

NEWSLETTER

Minneapolis & St. Paul, Minnesota USA • Vol. 43 No.12 • July 2023

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

**July 2023**

Membership Info .....2

A Mighty Mite External

SSD Drive .....3

ChatGPT is a Chatbot

Maybe You've

Heard of it .....5

How Do I Love Thee?

Let Me Count the

Wyze.....7

Missing a Drive Letter?

This Might Help .....10

Interesting Internet Finds

October 2022 .....12

SIG Information .....13

TC/PC Calendar.....14

Membership Application.15

Maps to Events .....16

**General Meeting**  
**Tuesday, July 11, 2023**  
**7:00 PM**

**ChatGPT and AI:**  
**An Introduction**  
**Via Zoom Only**

The news is full of stories about AI—Artificial Intelligence—and ChatGPT and other software that have made huge advances—some for good and some maybe not. The jury is still out. At the July meeting we will walk through how to set up an account on ChatGPT and see demonstrations of how to use it. Gene Olson, a TC/PC member, suggested this topic. Jack Ungerleider and I will demo some of ChatGPT's capabilities, discuss the history of AI, and what to look out for. If you have tried it out or are using it, please bring your examples and tips and reviews to share. 🖥️

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

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

TC/PC is a  
Member of



**24-Hour Information • [www.tcpc.com](http://www.tcpc.com)**  
Application form inside back cover

# The Digital Viking

The Digital Viking is the official monthly publication of the Twin Cities PC User Group, a 501(c)(3) organization and an all-volunteer organization dedicated to users of IBM-compatible computers. Subscriptions are included in membership. We welcome articles and reviews from members. The Digital Viking is a copyrighted publication and reproduction of any material is expressly prohibited without permission. Exception: other User Groups may use material if unaltered and credited.

**Disclaimer:** All opinions are those of the authors and do not necessarily represent the opinions of the TC/PC, its Board of Directors, Officers, or newsletter staff. TC/PC does not endorse, rate, or otherwise officially comment on products available; therefore, readers are cautioned to rely on the opinions presented herein exclusively at their own risk. The Digital Viking, its contributors, and staff assume no liability for damages arising out of the publication or non-publication of any advertisement, article, or other item. All refunds in full or in partial, for advertising, membership or any other item shall be at the sole discretion of the Twin Cities PC User Group Board of Directors.

## Advertising

Full page (7½ x 9½)	\$100.00
Two-thirds page (7½ x 6)	80.00
Half page (7½ x 4¾)	65.00
One-third page (7½ x 3)	50.00
Quarter page (3½ x 4¾)	40.00
Member Bus. Card (2 x 3½)	10.00

Multiple insertion discounts available.

Contact Sharon Walbran at: SQWalbran@yahoo.com

Deadline for ad placement is the 1<sup>st</sup> of the month prior to publication. All rates are per issue and for digital or camera-ready ads. Typesetting and other services are extra and must be requested in advance of submission deadlines.

Payment must accompany order unless other arrangements are made in advance. Please make checks payable to: **Twin Cities PC User Group**

## TC/PC 2023-2024 Board of Directors

Meets once or twice per year. All members welcome to attend.

Visit [www.tcpc.com](http://www.tcpc.com) for meeting details.

<b>President</b> —Lee Kaphingst	leekap@comcast.net
<b>Vice President</b> —Curtiss Trout	ctrout@troutreach.com
<b>Secretary</b> - Sharon Walbran	sharon.walbran@gmail.com
<b>Treasurer</b> - Sharon Trout	strout@troutreach.com
<b>Newsletter Publisher</b> Sharon Walbran	952-925-2726 sharon.walbran@gmail.com
<b>Web Master</b> Curt Trout	ctrout@troutreach.com
Board Members:	
Steve Kuhlmeier	skuhlmeier@hotmail.com
Lon Ortnier	612-824-4946 lon@csacomp.com
Lee Kaphingst	leekap@comcast.net
Jeannine Sloan	Ambassador for Friendship Village
Curtiss Trout	ctrout@troutreach.com
Sharon Trout	strout@troutreach.com
Jack Ungerleider	jack@jacku.com
Sharon Walbran	sharon.walbran@gmail.com

## TC/PC Member Benefits

Product previews  
and demonstrations

Special Interest Groups  
Monthly Newsletter

Discounts on products  
and services

Contests and prizes

## Business Member Benefits

All of the above PLUS:

FREE ½ page ad on  
payment of each renewal

20% discount on all ads  
Placed in the *Digital  
Viking* Newsletter

Up to 5 newsletters mailed to  
your site  
(only a nominal cost for each  
additional 5 mailed)

## Newsletter Staff Editor Sharon Walbran

## A Mighty Mite External SSD

David Kretchmar, Hardware Technician

Sun City Summerlin Computer Club

<https://www.scscclb.com>

dkretch \*\* gmail.com

A mystery package addressed to me appeared at our front door a few months ago. This is not an uncommon occurrence at our home; at least once a month, I forget I have ordered an item, and its arrival is a pleasant surprise. I have no idea what was in the package until I opened it, and fortunately, I still remember ordering the item.



Something different happened to me this time. I excitedly cut open the mystery padded envelope and found a wee SanDisk USB 3.2 Gen2 portable SSD. I was further delighted when I noticed the drive had a one Terabyte capacity.

It was 1/3 the size and a fraction of the weight of a mechanical external USB drive thanks to its M.2 SSD. Cool, I thought – this is something I can use. I guessed I might have ordered this late at night, maybe after a couple of sips of wine, and forgotten about it.

I soon realized my mystery package was the SanDisk SSD external drive I had volunteered to test for Newegg.com, an online reseller. YES! A free useful item is an even better deal than the drive costs at online sellers.

I plugged the SSD into my tower using the cable provided: USB-C (external drive end) to the USB Type-A (backward compatible with any standard USB port). It was instantly recognized.

### Real-world speed



The drive is advertised as having a READ speed of up to M.2 SSD 520 Mb/second. I copied a 2 Gb file from my tower's internal M.2 SSD to the SanDisk external drive to test the real-world speed of the drive. It transferred data at about 120 MB per second, 3X faster than copying the same data to my older external mechanical Samsung external drive. This was a little slower than I anticipated since SSDs generally run from 4 to 10 times faster than a mechanical drive.

My tower's USB is mostly the older and slower 3.1 version, which I'm sure was the factor in the drive's lack of speed. I am disappointed with the data transfer speed because of the USB 3.1 and maybe the USB C to USB A cable. My tower, which is just a few months old, does have one Type-C USB port, but since I do not have a newer USB C to USB C cable, I could not test that transfer speed. This cable costs about \$10 - \$20 at Amazon or Newegg.

### The Vault

The Samsung external SSD M.2 drive comes with an ingenious encryption scheme they call PrivateAccess with the encrypting software installed on the drive itself. This software will ONLY run off the external drive, further increasing the device's security. Transferring data to the external drive vault is a drag-and-drop procedure using the drive's built-in encryption software. There is no back



door into the vault. As you would expect, if you forget your password, the data in the vault is gone forever. This drive will dedicate only the amount of space required for encrypted data, so the balance of storage space is available for nonencrypted storage.

### The curse and blessing of backward compatibility

The drive would be much faster on newer computers if it included a USB C to USB C cable and a USB C to USB A cable. Other external SSDs I have seen advertised come with the USB C to USB C cable. Obviously, the USB C - USB A cable is required for backward compatibility and is the most useful connection today. Still, any new computer you buy now should include a USB-C outlet. If you are offered a computer without a USB Type-C port, you know that system is likely old stock, and you should make your buying decision accordingly.

The USB cable furnished with this drive is only one foot long. This is adequate for functionality but too short for real-world usage. As a result, I prefer the external drive sitting on top of my tower rather than dangling at its side.

### Conclusions

This is a remarkable amount of fast external storage for the money. A USB Type-C to USB Type-C is necessary if your computer has a USB Type-C outlet. At the risk of boring repetition, a computer user who does not back up important files will very possibly lose those files due to a hardware failure or mischief caused by a ransomware infection.

The Vault feature of this drive is an outstanding personal privacy consideration. It would also be impossible for any ransomware software to corrupt files stored in the Vault. 🖥️

**[Go to Page 1](#)**

# ChatGPT is a chatbot - Maybe you've heard about it

By Phil Sorrentino, Secretary, and APCUG Rep

Sun City Center Computer Club, FL

<https://www.sccccomputerclub.org/>

philsorr \*\* yahoo.com

ChatGPT is one of the latest examples of the use of Artificial Intelligence (AI) in everyday activities. It is a website that is built to answer questions, kind of like Google. (A website like this, which answers users' queries with human-like responses, is typically termed a chatbot. Chatbot is defined as a computer program designed to simulate conversation with human users, especially over the internet.) ChatGPT not only collects information from the millions of web pages on the web, but it digests these huge amounts of information and produces a human-like response. So as a way to try it out, it might be interesting to see what it thinks about itself. Here's the interaction: I asked it to "Explain ChatGPT in 500 words", and here are the results. (There are about 460 words in the results, depending on how you count words.)

## **The Following is the response from ChatGPT to "Explain ChatGPT in 500 words".**

ChatGPT is a large language model developed by OpenAI that uses deep learning algorithms to generate human-like text. It is a type of artificial intelligence (AI) technology that is capable of performing various natural language processing tasks, including language generation, language understanding, and language translation.

The name "GPT" stands for "Generative Pre-trained Transformer." This model is part of a family of neural network-based language models that are pre-trained on large datasets of text. The pre-training process involves exposing the model to massive amounts of text data, allowing it to learn the patterns and relationships that exist within language.

Once the model has been pre-trained, it can be fine-tuned for specific natural language processing tasks, such as chatbot development, language translation, or text summarization. The fine-tuning process involves training the model on a smaller dataset of text that is specific to the task at hand, allowing it to learn how to perform that task more effectively.

ChatGPT is one of the largest and most advanced language models currently available. It was trained on a dataset of over 45 terabytes of text data, which includes books, articles, and web pages from across the internet. The model has 175 billion parameters, making it significantly larger than its predecessor, GPT-2, which had 1.5 billion parameters.

One of the key advantages of ChatGPT is its ability to generate human-like text. This means that it can produce responses to questions or prompts that are indistinguishable from those of a human. This makes it an ideal tool for chatbot development, as it can be used to create chatbots that can hold natural and engaging conversations with users.

Another advantage of ChatGPT is its ability to perform a wide range of natural language processing tasks. In addition to language generation, it can also understand language and perform language translation. This makes it a versatile tool that can be used for a variety of applications, from customer service chatbots to language learning tools.

However, as with all AI technologies, ChatGPT has limitations. One of the key challenges with language models like ChatGPT is that they can be prone to bias. This is because they are trained on

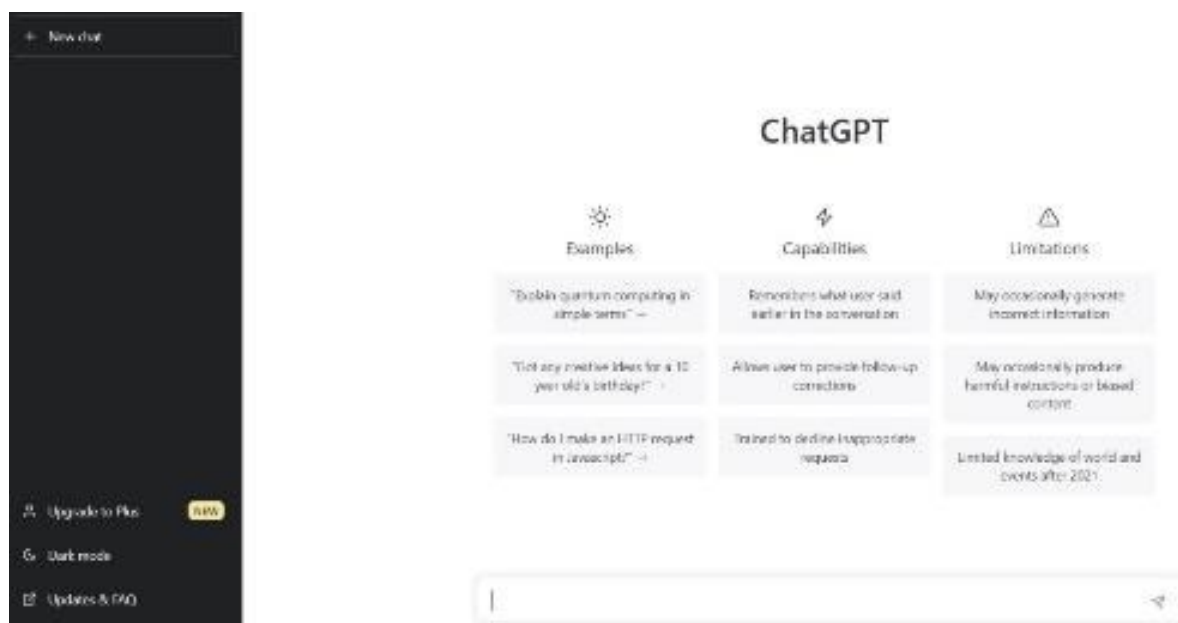
datasets of text that reflect the biases and perspectives of the people who wrote them. As a result, the model may produce biased responses or exhibit other forms of problematic behavior.

Overall, ChatGPT represents a significant advance in the field of natural language processing. Its ability to generate human-like text and perform a range of language processing tasks has the potential to transform the way we interact with technology and each other. However, it is important to be aware of the limitations of this technology and to use it responsibly to ensure that it is used to benefit society as a whole.

### End of the response from ChatGPT to "Explain ChatGPT in 500 words".

That's almost half of this article, and it only took a few tens of seconds. Pretty interesting, don't you think? I might not have to spend so much time on my technical articles in the future, or I might be out of a job entirely.

This might have been pretty easy for the chatbot to come up with because it is probably very close to the source of the information, but I've tried it out on some more general questions and was amazed at the results. (Full Disclosure: the results might show a bias in one direction or another based on the information available at the time the query is made.) Try it out on some general questions and you may be surprised at how accurate the responses are. In order to try it out you'll need an account. Go to <https://chat.openai.com/chat>, and click "Sign up". Use an email address as the User name and then select a password. (Don't lose the password). Any time you want to try it out, just go back to <https://chat.openai.com/chat> and "Log in" and type in a question in the chat box at the bottom of the screen, and then hit enter. Ask it a question about history like, "When was the French Revolution", or a technical question like "What is cache memory", or even a question like "how high is the sky". I think you will be impressed with the resulting information and the human-like language used in the answer. **Scam Alert:** If you decide to try it out, make sure you use a browser and point it to the address shown above (<https://chat.openai.com/chat>). Unfortunately, already there are scams circulating out there indicating that you can download a ChatGPT client, with the added incentive to receive \$50 towards a pro version of the client. A ChatGPT client does not exist at this time. All this is a scam to separate you from something of value, like your money or your personal information.



Chatbots are not that unusual; Alexa, Siri, and Google assistant are common chatbots. As indicated above, a chatbot is a computer program that uses artificial intelligence and natural language processing to understand customer questions so they can automate responses to them, therefore simulating human conversation. You may have interacted with one because they are used in a lot of Customer Service applications. Chatbots help collect customer feedback; they help in order confirmation and tracking shipping; they handle refunds and exchange requests; they handle helpdesk support; and they can even help customers inside a mobile App. Chatbots are definitely here to stay, and with the incorporation of AI and Natural Language Processing, hopefully they will only improve with time and improve our interaction with automated services.



[Go to Page 1](#)

## **How Do I Love Thee – Let Me Count the Wyze**

**By Greg Skalka, President**

**Under the Computer Hood User Group**

**<https://uchug.org/>**

**president \*\* [uchug.org](https://uchug.org/)**

I grew up waking early each day. I never developed a habit of sleeping in, but I almost always got up at the same time each weekend or weekday. For nearly 40 years, I've been working full-time to support myself and my family, and I almost always have gone to work early in the day. For my present job, I wake before 4:30 AM and leave the house by 5:30 AM. This means that no matter the time of year, I'm getting ready for work and leaving before sunrise.

I'm very sensitive to light and sound when trying to sleep. To fall asleep and stay asleep, I must have darkness and quiet. I can sleep with uncorrelated sounds like white noise (I like having our Amazon Alexa play surf or thunderstorm sounds), but I can't sleep with a TV or radio on. On the other hand, my wife often falls asleep in the evening in her office chair at home with the lights on and the TV blaring. While I may imagine the flash of a nuclear bomb would not wake her, I try to be sensitive to my wife and keep sound and light from her as I get ready in the morning (she is almost always asleep when I leave).

My concern for her in this regard has always been an issue, as I have had a few near misses over the years for falls as I would stumble down the stairs in the dark. She wants the bedroom door left open for ventilation, so I can't turn on the lights over the stairs. I've tried carrying a small flashlight, but sometimes it would get misplaced, and I would be forced to descend without illumination. As I have gotten older, the risks to me from a fall have become greater.

Over the last few years, I have improved the situation by using smart home devices. For example, I programmed two Wemo smart lights to turn on each workday morning before I was scheduled to come out of the bedroom. One was in a bedroom at the far end of the hall, which provided just enough light to see the top part of the stairs. Another was in the living room at the bottom of the stairs. Both were far enough from the bedroom door that the bedroom stayed dark inside. In addition, the lights were programmed to turn off when I left for work, so little electricity was wasted.

This system worked pretty well but was not perfect. If my waking schedule varied a little, I could have the lights on unnecessarily or wait until the timer turned them on to go downstairs. In the winter, I would keep the far bedroom door closed to prevent having to heat it; if I forgot to open it when I went

to bed, I'd wake to no light near the top of the stairs. Localized "path" lighting for the stairs would be optimal but challenging to install.

A few months ago, a visitor at one of our group's general meetings on Zoom told us about Wyze Night Lights ([www.wyze.com](http://www.wyze.com)). These small rechargeable stick-on lights use motion and light sensors to light your way at night. They can be linked so that one motion can trigger multiple ones (up to 10) to come on and light your path, and they go off after motion is no longer detected. They sounded like they would be perfect for my stairs.

I did not have time to try them, but our editor, who had a similar need, bought some and gave them high praise. So, after further discussions about them at our last meeting, I finally ordered a pack of three (model WLPNL) from Amazon (\$26.99 at the time; they are \$25.99 with Prime delivery today).

I was surprised by the small package when I received the shipment. Each light is only 3.25" x 2" x 3/8" thick. I charged all three before installing by connecting to the USB-C connector (charger and cable not included; fortunately, I had them) until the small status LED went out. A small slide switch on each side can be set to Off, On, and Auto (under motion detection control).



The most challenging part of using the Wyze lights was mounting them. Each light comes with a 1.25" square thin metal plate; the Wyze light contains a magnet that sticks it to the plate. Each also comes with an "easy pull tape," which should work like the Command strips for removable hooks. The installation recommendation for the lights is between 1.6 and 3.9 feet above the floor, probably



for the best motion detection performance. So first, I selected locations on the outer wall of the stairway, with one at the top, one at the bottom, and one in the middle (where the stairs turned a corner). After that, I decided to go right to a permanent installation, putting them up with the easy pull tape. I initially had trouble getting the plastic covers from the easy pull film, but I could use it to mount the metal squares where I wanted them. However, when I put on the lights, they tended to rotate from level to around 45 degrees.

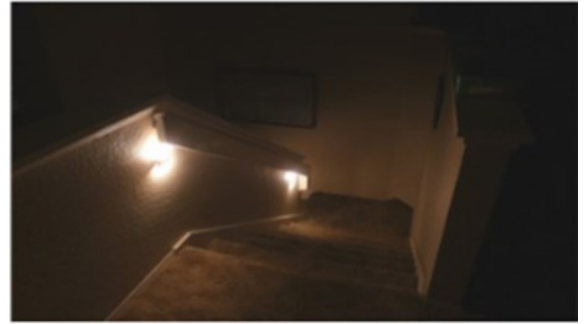
I called our editor, who suggested putting blue painter's tape over the metal plates. He had not used the easy stick tape; instead, he installed the plates with tape over them, so they could be easily relocated. I tried putting tape over my plates, and the additional friction did help keep the lights from being as prone to rotating. I set all three lights to Auto, and they all started blinking. After 30 seconds, the blinking stopped, and all the lights were linked. I tried them out after dark, and they worked well.

At this point, my wife saw my installation and did not like it. She thought the lights were too visible and unsightly. She said they would only be acceptable if they were moved to the opposite wall and just below the handrail, where they were partially hidden. That is when I found the easy stick tape was easy to stick but not easy to remove.

I tried pulling the removal tab as instructed, but the tab and tape snapped off, leaving about 1/3 of the tape remaining. This happened with all three lights. I used a thin metal ruler to pry the metal squares off the wall carefully.

I successfully removed two without wall damage, but on the middle one, it pulled some of the paint

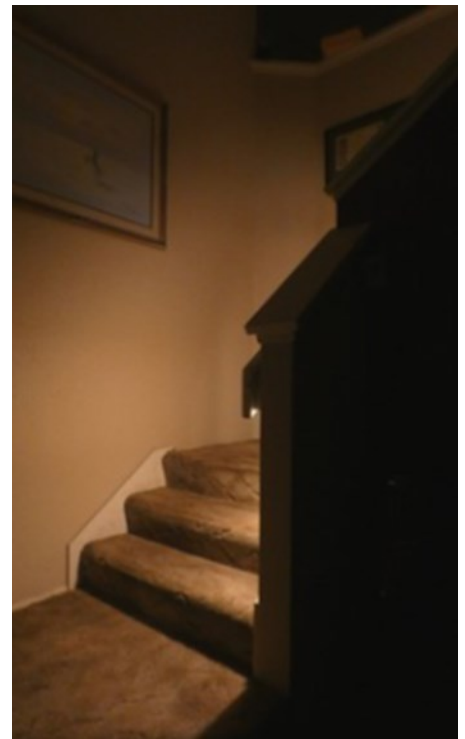
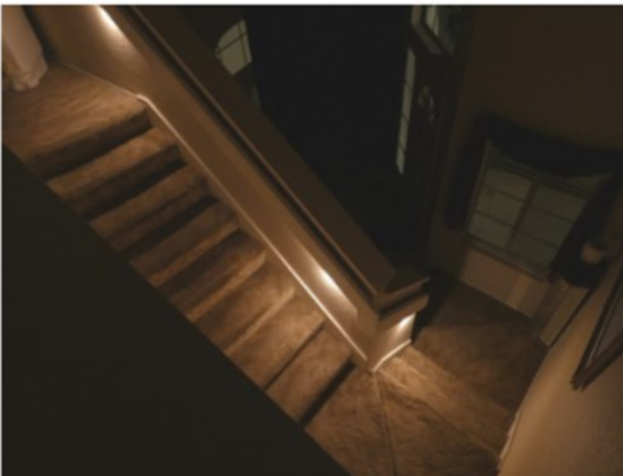
off the wall (now I'm in trouble). The easy stick tape was still sticky enough to put the squares up in their new, authorized locations, though I put blue painter's tape over them for good measure. That's when I discovered why my lights had been rotating on the plates. It appears the metal plates were slightly convex (bulging out in the middle) when I first installed them, so there was only one contact point on the plate for the light to touch, allowing it to rotate around the point in the back where the magnet was located.



In my efforts to pry the plates off the wall from my first installation, I bent the plates so they were now more concave towards the light (the edges were bent out). This provided more contact points between the light and the plate and prevented the rotation I had seen previously.

I have been using the Wyze lights in the mornings and evenings for a week, and they work great. They provide plenty of light, and the linking and motion detection features work well. However, in their present locations, slightly under the stair handrail, they may be more shaded from daylight and possibly run more time each day, thus using more battery power. I have yet to charge the lights again; their website indicates they could

go for a month on a charge. Now I have disabled the programming on some of my smart lights, as the Wyze lights provide all the light I need on demand. Now if I fall down the stairs, it will be my clumsy fault, not because I can't see the stairs.



I'm now looking at other locations that could benefit from Wyze Night Lights, but I'll get authorization from my wife before any additional installations. 🖨️

[Go to Page 1](#)

## Missing a Drive Letter? – This might help

By Phil Sorrentino, Secretary and APCUG Rep

Sun City Center Computer Club, FL

<https://www.scccomputerclub.org/>

philsorr \*\* yahoo.com

When you plug a portable or external drive into a computer USB port, you expect the drive to be immediately available.

You may hear a few familiar sounds at first, but eventually, you expect to see an indication that the drive is usable. First, you should see the new drive in File Explorer with a new drive letter. The drive letter will typically be the next available letter in the alphabet. (Drives installed on your system start at the beginning of the alphabet with the exceptions that A: and B: are reserved for floppy drives (I wonder how many of us ever had a B: drive), and C: is reserved for the main drive, where the OS is located. So added drives can start at D: unless you have other mechanical, electrical, or optical drives.) So, in a typical laptop with a C: and D: drive, it will be assigned the E: drive letter when you add a USB drive.

Just as an aside, if you have a network of local computers, drive letters may also be assigned by the "map a network drive" feature. These drives typically start from the end of the alphabet, so the first will be Z, followed by Y, and so on. To map a network drive, open File Explorer and click "This PC." Click on the Computer tab, click "Map network drive, " browse, and select the network drive from the list. (To be on the list, the drive must have been shared on the computer it is attached to.)

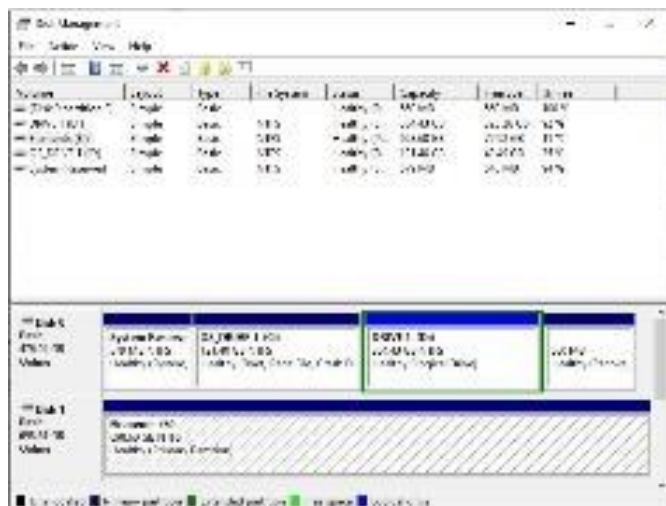
While we're talking about temporarily added drives, when you are finished with the drive, it is always a good idea to eject the drive in the prescribed way by first clicking the "Safely Remove Hardware and Eject Media" icon. It should be in the notification area on the right side of the taskbar. If you don't see it, you may have a taskbar setting chosen to not display the icon in the notification area, or there may be too many notifications chosen. If you don't see it and you see an up-pointing caret (^), click the caret, and the "Safely Remove Hardware and Eject Media" icon should show up.

### Safely Remove the Hardware and Eject Media Icon

Yesterday, I had a house full of friends and relatives I had invited over to see some movies that I created from some family and friend activities over the past few years. Knowing this, I connected the portable drive with the movies to my computer in the living room, where everyone could comfortably enjoy the pictures and movies on the connected big-screen TV. Unfortunately, the drive never showed up, though I did hear the familiar sounds. And I could tell the computer knew a drive was there because the "Safely Remove Hardware and Eject Media" icon was in the notification area, but no new drive appeared in File Explorer.

I couldn't show any of the movies on the new drive. So, what's up? I was anxious to show the movies on the new drive to a large group of friends and relatives, so I postponed trying to solve the immediate problem. Fortunately, the living room computer is on a network, so I removed the new drive from the living room computer, the safe way, and brought it to another computer on the network. When I plugged it into the kitchen computer, the installation went as expected, and the new drive showed up as the E: drive in File Explorer. Now all I had to do was share the E: drive on the kitchen computer and then go to the living room computer and map the shared kitchen E: drive. All this went as expected, and we could watch all of the movies and pictures

from the new E: drive, which was on the kitchen computer and the living room computer/TV; the party was saved. Everyone enjoyed the movies, but at the end of the day, I was still stuck with the problem of the missing drive letter.



## Disk Management

So, before I head to the Computer Lab, I always take a little time to try to solve the problem, or at least try to narrow the problem down using Google to look for a solution. I tried "no drive letter for USB device," pointing me to a few possibilities. One Google hint showed me that related areas could be found with a right-click of the start button. "Disk Management" is one of those areas. (Be very careful if you go into this area, you can easily turn your computer into a brick with a few short commands, and then you'll have no choice but to go and see "Bob.") When you click "Disk Management," you see the disk drives on your computer and their assigned letters.

After I plugged in the USB drive and got into "Disk Management" on the living room computer, I clicked on the newly added USB disk to select it. I noted that the USB drive was "Disk 1" and a "Healthy Primary Partition," all good indications, but no drive letter was assigned. So the next step was to click on the "Action" menu and then click "All Tasks," where "Change Drive Letter and Path" was found. Again, no drive letter was assigned, so I clicked "Add" to assign an unused letter, in my case, E. After I assigned E: to the USB drive, I could see the drive and its contents in File Explorer, as expected. When I removed and reconnected the drive, it connected as expected and had the E: drive letter.

Epilog: Unfortunately, when I used a different portable drive, it reacted the same way; it showed up without a drive letter. So, now I know how to get around the problem, but I should think that any portable USB drive connected should show up with the next unused letter. So, I may still have something amiss. 🖥️

[Go to Page 1](#)

## Interesting Internet Finds—October 2022

by Steve Costello, [scostello \\*\\* sfcug.com](https://scostello.sfcug.com)

While going through the more than 300 RSS feeds, I often encounter things that might interest other user group members. The following are some items I found interesting in October 2022.

### How to Change Name on Zoom on PC or Mac

<https://www.groovypost.com/howto/change-name-on-zoom/>

Do you Zoom? If so, did you know you can change your name? Check out this post to learn how to change your name on Zoom.

### Why A Laptop Stand Is The Next Desk Accessory You Need

<https://www.howtogeek.com/830241/why-a-laptop-stand-is-the-next-desk-accessory-you-need/>

I see a lot of people using a laptop without a stand. However, I always use a stand with my laptop. In fact, I have several different stands. Check out this post to learn why you should also always use a stand with your laptop.

### Faster And Safer Internet? Here's How...

[https://askbobrankin.com/faster\\_and\\_safer\\_internet\\_heres\\_how.html](https://askbobrankin.com/faster_and_safer_internet_heres_how.html)

Do you want to know how to have faster and safer internet? I am sure you do, so check out this post from Bob Rankin. I have done this on PCs, Linux, and Android devices for years.

### Make The Mouse Easier To Use

<https://askleo.com/make-the-mouse-easier-to-use/>

Have you ever thought about making your mouse easier to use? If so, check out this post from Leo Nottenboom if you use Microsoft Windows.

### Share What You Want!

<https://cynmackley.com/2022/10/24/share-what-you-want/>

Sometimes I want to only link to a specific part of a story. Now thanks to Cyn Mackley's post. I know how to do it. (Note: I have tested this, and it works with Google Chrome and Vivaldi but not Firefox. I found and am using the "Link to Text Fragment" add-on for Firefox.)

### Why Don't We Have World's Fairs Anymore?

<https://www.mentalfloss.com/posts/why-dont-we-have-world-fairs-anymore?>

This is a subject I have not thought much about, but I was intrigued when I started reading this post. The reasons given make a lot of sense to me.

\*\*\*\*\*

This work by [Steve Costello](#) is licensed under a [Creative Commons Attribution 4.0 International License](#).

[Go to Page 1](#)

# Special Interest Groups (SIGs)

w Work phone   h Home phone   c Cell phone  
\* Meets at an alternate location

Most SIGs will meet at Edina Executive Plaza, Conference Room #102, 5200

Willson Road, Edina, MN

Confirm with a SIG group if they meet elsewhere.

For more info contact the SIG Leader(s) listed here.

Get SIG announcements!

Link from [www.tcp.com](http://www.tcp.com)

## Board of Directors\*

All members are welcome! Check  
[www.tcp.com](http://www.tcp.com) for location.

**Selected Saturday mornings**

## Linux on Saturday

This is for the Linux newbie and those trying  
to come over from Microsoft to a different  
operating system.

**Second Saturday @ 9 AM-Noon**

**Note: No Meetings June-August**

Jack Ungerleider      612/418-3494 c  
jack@jacku.com

## Tech Topics

Technical presentation/discussion on  
various technical topics from the following  
areas:

- Web/Internet
- Mobile Devices and Apps
- Playing with Programming
- DIY (3D Printing, R-Pi, other hobby electronics, etc.)

**Second Tuesday @ 6:00-7:00 PM**

**Every month**

**Right before the general meeting.**

Jack Ungerleider      612/418-3494 c  
jack@jacku.com

## Microsoft Access

All levels. Presentations by expert develop-  
ers within the group and by MS reps.

**Third Saturday 9:00 AM—Noon**

**Note: No Meetings June-August**

Steve Kuhlmeier      952/934-8492  
skuhlmeier@hotmail.com

## Microsoft Office

Addresses the use, integration, and nuanc-  
es of the Microsoft Office applications.

**Combined with Systems on Saturday**

**Third Saturday of the Month**

**9:00 AM—Noon**

**Note: No Meetings June-August**

Steve Kuhlmeier      952/934-8492  
skuhlmeier@hotmail.com

## Directions to Accord, 1515 Energy Park Drive for General Meetings:

From I-94 in St. Paul, take the Snelling Avenue exit, then go north on Snelling Avenue about one mile to Energy Park Drive. Take Energy Park Drive and take the first left into the driveway to 1515 Energy Park Drive.

From I-694 or Hwy 36 in St. Paul, take the Snelling Avenue exit, then go south on Snelling Avenue past Como Avenue to Energy Park Drive. Take Energy Park Drive and take the first left into the driveway to 1515 Energy Park Drive.

Directions to **Edina Executive Plaza**  
for **Systems on Saturday, Access,**  
**Word and Picture Perfect SIGs:** Take  
Highway 100 to the 50th Street/Vernon  
exit. [If you have come from the north,  
cross back over Highway 100 to the  
east side.] Take the first right and go  
past Perkins [The golf course will be on  
your left.] and continue on the east  
frontage road (Willson Road) to the  
next building—5200 . There is ample  
parking in the building's lot.  
Conference Room #102 is on 1st floor.

## Help yourself by helping others!

## Join the team & share your knowledge with others.

Contact TC/PC at [www.tcp.com](http://www.tcp.com)

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 Linux on Saturday SIG 9am—Noon
9	10	11 7pm General Mtg ChatGPT and AI  6pm Tech Topics	12	13	14	15 MS Office SIG (includes Access) 9am—Noon
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5
6	7	8 7pm General Mtg TBA  6pm Tech Topics	9	10	11	12 Linux on Saturday SIG 9am—Noon
13	14	15	16	17	18	19 MS Office SIG (includes Access) 9am—Noon
20	21	22	23	24	25	26
27	28	29	30	31		



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

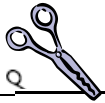
*Would you like to receive this delivered directly to your email or business each month?*

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](http://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.)



7/23

### 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:4

☐ Individual/Family Membership (\$18)

☐ 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# \_\_\_\_\_

**July 11, 2023  
7:00 pm  
General Meeting**

**ChatGPT and AI  
An Introduction**

**Via Zoom Only**



341 County Rd C2 W  
Roseville, MN 55113

***FIRST CLASS MAIL***