

Bits of Bytes

Newsletter of the Pikes Peak Computer Application Society, Colorado Springs, CO

Volume XXXVII

February 2017

Issue 2



The Prez Sez

by Toni Logan,
President,
P*PCompAS

This past month has been a busy time getting settled into the President's job. We had a very nice meeting on January 7 to start the new year. We have given our gift to the church for the past year in the amount of \$300. Normally, we try to buy something for the church, but they didn't need anything this time.

Our meeting was spirited as usual with a rather slow start to the Around-the-Room, but it got going pretty good toward the end. Our program was a video presentation on Samsung products of the future. I was curious as to how much they would cost, so I went to the Internet, but they aren't on the market as yet.

Bob and I purchased an Echo from Amazon for Christmas and I must say it is interesting. We haven't really taxed "Alexa's" brain. We have asked simple questions such as "What is the temperature?", "Where can we get Chinese food?," and how our football team is doing. We have found that the "voice" will sometimes try to answer a question that has not been made. I haven't figured out what it is hearing. Anyway, it is a fun toy.

Lastly, our annual Volunteers Luncheon will be held on Saturday, January 28, at Old Chicago on Academy Blvd. Thanks to Cary Quinn and Bob Blackledge for setting up the lunch. By the time this newsletter has gone to print, those that attend will have had a good old time eating pizza and enjoying the camaraderie of the group. ☺

Next P*PCompAS meeting: Saturday, 4 February 2017

See more highlights from the International CES in Las Vegas this year.

Meeting Minutes

by Bill Abell,
Secretary,
P*PCompAS



The 7 January 2017 meeting was called to order by President Toni Logan. The 2017 officers, directors, staff, and committee chairs were announced. ☺

OFFICER REPORTS

President Logan presented a brief overview of the Society's website, containing documents and the history.

Programs chair Cary Quinn announced today's program, and his work in-progress on upcoming programs.

In the absence of Treasurer Bill Gardner, President Logan gave the Treasurer's Report. The Society's total financial assets as of December 31, 2016, totaled \$6,343.41.

Editor Greg Lenihan distributed copies of the January 2017 newsletter. Editor Lenihan then announced that the deadline for the next newsletter would be January 21, 2017.

Membership Chair Ann Titus announced that John Brunk has rejoined the Society after an absence, and that member Bill Jones had passed away. A card will be sent to Bill's family.

OLD BUSINESS: None

NEW BUSINESS

An audit committee for the 2017 audit was announced. Gene



President Toni Logan thanks Stan Rapaport for bringing pineapples to the membership.

Bagenstos and Cary Quinn were designated to work with Treasurer Bill Gardner.

The Society determined that it would buy its own coffee going forward, and Coffee chair, David George, agreed to do so. David will secure an advance from Treasurer Gardner.

Vice President Cary Quinn announced that the annual Volunteer's Lunch would be at Old Chicago on January 28, 2017.

President Logan tabled a discussion of the review of the

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Librarian: Paul Godfrey
Membership: Ann Titus

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Audio: A.J. Whelen
Hospitality: Pat Krieger
Programs: Cary Quinn
Publicity: Cary Quinn
Nominating: Vacant

Board of Directors

Bob Blackledge
John Pearce
Joe Nuvolini
Peter Rallis
Paul Godfrey

Nybbles and Bits

by John Pearce, P*PCompAS



I recently agreed to a two-year contract renewal with Comcast (Xfinity, if you prefer). Part of the package is an upgrade from the Performance Pro level (100 Mbs) Internet to Blast Pro (200 Mbps). Unfortunately, my cable modem, a Motorola SB6120, is limited to 150 Mbps. To get the additional 50 Mbps speed I must upgrade the cable modem.

The Comcast-supplied cable modem is a Technicolor TC8305C. It is a combination voice and data modem with built-in Wi-Fi (802.11n on the 2.4 GHz band) and router. I want to continue using my Linksys wireless router because it supports both the 2.4 and 5 GHz bands. In addition, I have a printer and several other devices with hardcoded IP addresses in the 192.168.x.x address range and I don't want to change those addresses to the

10.0.0.x IP address range that is used by the TC8305C modem.

I called Comcast tech support and after saying "agent" too many times, talked with someone who understood what I want to do and why. I will need to call Comcast after getting the cable modem online so they can update the MAC address of the cable modem in their system. At the same time, the router in the Comcast modem must be put in Bridge Mode which disables the router function and then I can use my wireless router.

I planned to finish the project before writing this article. Unfortunately, life happened and I didn't get it completed. I expect there will be a problem or two, I just don't know what to expect. ☺

Meeting Minutes (Cont. from page 1)

Society's rules to the February meeting. She also announced that the January Breakfast would be on January 21st, and the next meeting would be on Saturday, February 4th.

AROUND THE ROOM

The audio of the Around the Room is on the Society's website.

PROGRAM

Version 17 of Acronis True Image was installed.

The program was the Samsung CES 2017 Press Conference.

DRAWING

Winners this month were Paul Godfrey, Cary Quinn, Toni Logan, and David George. ☺



Cary Quinn introduces the presentation topic at the January meeting.

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P*PCompAS welcomes any comments, letters, or articles from members and non-members alike. Please send any articles to the editor (see last page for address). The editor reserves the right to reject, postpone, or edit for space, style, grammar, and clarity of any material submitted.

How to Use Sticky Notes on Windows 10

By Chris Hoffman, reprinted with permission from HowToGeek.com

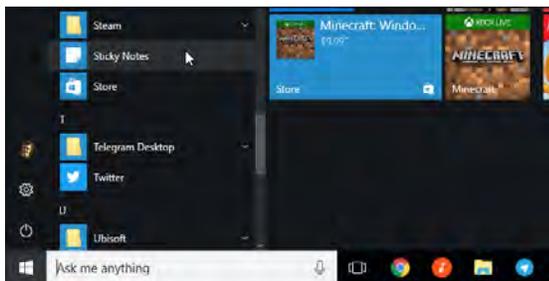
Original article at: <http://www.howtogeek.com/285944/how-to-use-sticky-notes-on-windows-10/>



Microsoft transformed the Sticky Notes app in with Windows 10's Anniversary Update. The new Sticky Notes app supports pen input and offers reminders and other "insights," thanks to Cortana. It's a convenient, lightweight alternative to OneNote for taking quick notes.

How to Launch Sticky Notes

The Sticky Notes app is like any other application included with Windows 10. You can launch it by opening the Start menu, searching for "Sticky Notes," and clicking the shortcut. Once launched, you can right-click the Sticky Notes icon and select "Pin to Taskbar" if you plan to use it frequently.



Sticky Notes can also be launched from the Windows Ink Workspace, if you have a Windows device with a pen. Click or tap the ink icon on your taskbar and select "Sticky Notes." To show the Windows Ink Workspace button if you can't see it, right-click your taskbar and select "Show Windows Ink Workspace Button."

Sticky Notes 101

The app is simple to use. By default, you'll see a yellow sticky note. You can type whatever you want into the note and Windows will save your note for later.



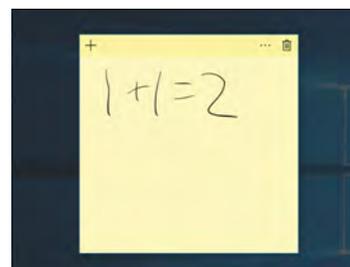
To create a new note, click the "+" button. To delete the current note, click the trash can button. To change the color of a note, click the "..." menu button and select one of the color circles.

These windows can be moved or resized as normal. Just click-and-drag or touch-and-drag the title bar to move them, or click-and-drag or touch-and-drag a corner of the window to resize them.

Move note windows around on your desktop by clicking and dragging (or touching and dragging) the title bar. You can also resize notes by clicking and dragging or touching and dragging at a corner, making them as small or large as you like.

Writing With a Pen

If your Windows device has a pen or stylus, you can draw or write notes directly in a sticky note. You just have to start with an empty note—every note can either contain typed text or something drawn with the stylus, but not both.

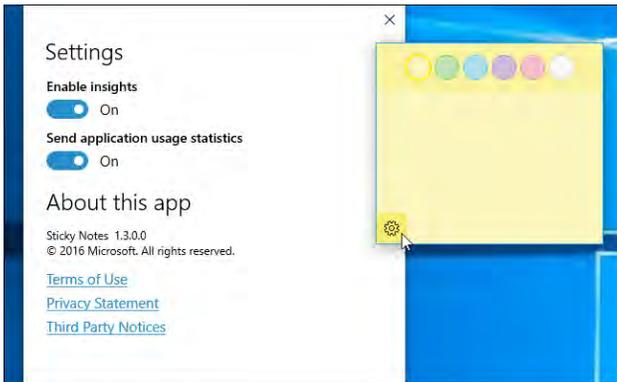


Getting Insights

Sticky Notes works along with [Cortana](http://Cortana.com), Windows 10's integrated virtual assistant, to provide more information.

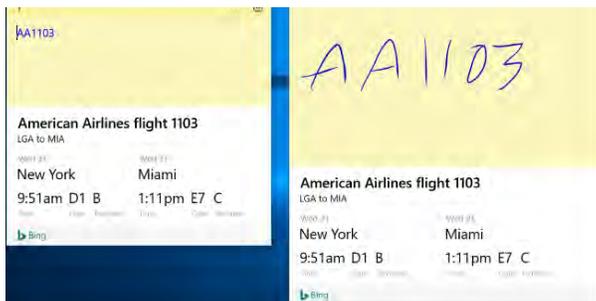
This feature is called "Insights," and it's enabled by default. To check if Insights are enabled, click the "..." menu icon in a note and click the gear-shaped settings icon at the bottom left corner of the note. Ensure "Enable Insights" is set to "On" if you want to use this feature.

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Sticky Notes (Continued from page 3)

When you type or write something like a flight number—for example, “AA1234”— it will turn blue. This works both for typed text and for handwritten text you wrote with a pen. Click or tap the blue text to see more information.

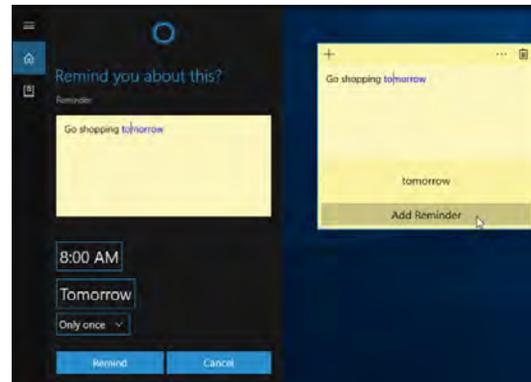
For example, you could write a flight number and then click or tap it in the note to view up-to-date flight tracking information.



Sticky Notes are also integrated with Cortana for reminders. This is just another type of “insight.” When you type something with a time or date, the time or date will turn blue and you can click or tap it to set a reminder.

For example, let’s say you type or write “Lunch at 12:30” or “Go shopping tomorrow” in a note. “12:30” or “tomorrow” will turn blue. Click or tap it and Sticky Notes will ask if you want to create a reminder. Select “Add Reminder” and it will create a Cortana reminder about this event.

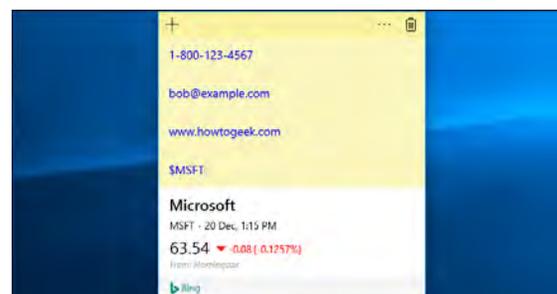
You can even get these reminders on your phone if you install the Cortana app for [iPhone](#) or [Android phone](#) and sign in with the same Microsoft account you use on your PC.



Sticky Notes offers other insights, too. It will automatically detect the following things, whether you type them with your keyboard or write them with a pen:

- **Phone numbers:** Call phone numbers like “1-800-123-4567” using Skype.
- **Email addresses:** Compose emails to email addresses like “bob@example.com”.
- **Web addresses:** Open web addresses like “www.howtogeek.com” with your web browser.
- **Physical addresses:** View the location of a street address like “123 Fake Street, California 12345” and you can view its location and get directions via the Maps app.
- **Stock symbols:** View the performance of stock symbols like “\$MSFT”.

Some of these features may only work in certain countries at the moment, but Microsoft is extending them to new languages and countries with [the Creators Update](#). Expect Microsoft to continue adding Insights and continue expanding the available Insights to more people in the future.



Windows Doesn’t Sync Your Sticky Notes, But You Can Back Them Up

As of Windows 10’s Anniversary Update, Sticky Notes don’t sync between your different

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The Best Way to Set Up a Windows 10 Machine

by Kim Komando (tip from 1/6/17)

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Ah, the joys of setting up a new computer. A blank canvas, there's nothing like starting fresh with a clean slate and experiencing a Windows 10 machine like it's straight out of its box.

But with the wealth of tweakable options you now have on a new PC or after a fresh install, it can get overwhelming just to get it going the way you want it. I've been there before, and these are the basics I found to be absolutely essential for personalization and privacy.

1. Set up a Microsoft account

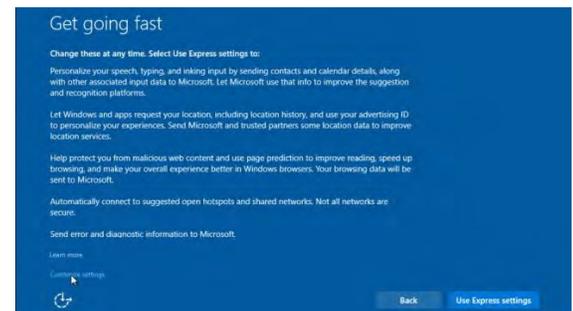
Right off the bat, Windows 10 will ask you to link a Microsoft account either by signing in with an existing one or by creating a new one. If you're creating a new account, you can use any e-mail address, even a non-Microsoft e-mail address, as long as it's a valid one.

Linking a Microsoft account with your Windows 10 machine has a range of benefits. It syncs your data across Microsoft services such as OneDrive files, apps from the Windows Store, Skype accounts, Bing and Cortana personalized data, Office files, e-mail, activation data, etc. It's the way Microsoft intended Windows 10 to be experienced - a system that utilizes the cloud for convenience.

Typically, going with "Express settings" upon setup and linking a Microsoft account is the fastest way to get your Windows 10 machine up and running. However, since this relies on personalization data, it also sends a myriad of information back to Microsoft.

If you're concerned about your privacy, you can choose the "Customize settings" option instead. This lets you turn off location tracking, Wi-Fi sharing, personalization data, advertiser information collection and more right from the start.

You can also sign in to your Windows 10 machine for a local account instead of a Microsoft Account. This will keep Windows from sharing as much with Microsoft, but this will disable some of Windows 10's convenient cloud-based features.



To summarize, if you want to use Windows 10 for convenience and personalization, the way Microsoft intended it to be experienced, choose Express settings then link a Microsoft account. On the other extreme, if you want more control of your privacy, you can choose "Customize settings," review your options and go with a local

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Sticky Notes (Cont. from page 4)

Windows 10 devices. They're stored on your computer in a local database for the Sticky Notes app. You can [back up your Sticky Notes and restore them](#) on a different PC, but you have to do that yourself.

Sticky Notes are ideal for quick, transient notes you don't want to keep for a while. For more complex notes, notes you want to keep for a long time, and notes you just want to sync between your devices, you'll want to use a more full-featured note-taking app.

For example, Microsoft's own OneNote is included with Windows 10 and is very capable. But Sticky Notes is a convenient, lightweight alternative if you just want to jot down a phone number without going into your OneNote notebook.



Windows 10 Machine (Continued from page 5)

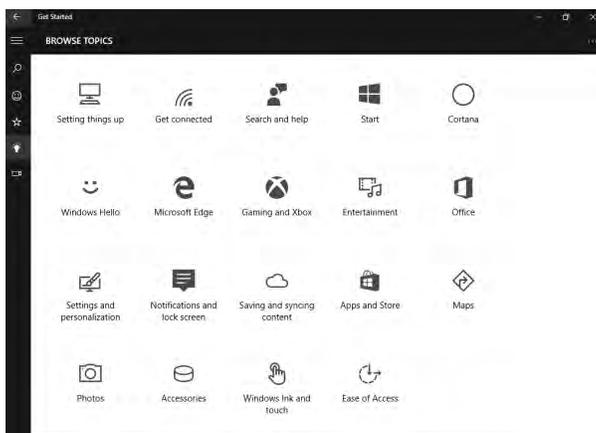
account instead. You can always change these settings later anyway.

To learn more about these privacy settings, [check out these three Windows 10 settings you need to change](#).

2. Watch the Get Started tutorials

If you're new to Windows 10, we recommend you check out the built-in "Get Started" app. This app has a wealth of information and videos that will help you get acquainted with all the new features of Windows 10.

To access "Get Started," simply type it in the Search box and click the best match.



You can search and choose a specific item via "Search," "Browse Topics" or "Watch Videos," check recommended Windows Store apps on the "Welcome" section, or check new features on "What's New."

You can access it anytime but the "Get Started" app is a fine place to begin your Windows 10 journey.

3. Check and change the default settings

Next, venture to Settings. Do this by clicking on the cog icon on the Start menu, typing it in the Search bar or by pressing Windows Key + I.



You can start by clicking "Personalization" to customize your Windows 10 desktop's look. Change your wallpaper (Background), color scheme, lock screen items, theme settings and control how your Start menu and Taskbar looks.

Next, familiarize yourself with the default apps and what types of files they open. This includes default apps for maps, location, music, photos, videos and the web. You can also associate default apps by file extension or protocol. You can always go back to this section and [replace the default apps](#) with third-party software and their file associations anytime.

To further improve your Windows 10 experience, check out the "Ease of Access" section. This has all the accessibility options you can activate like Narrator (voice-over), Magnifier (zoom), on-screen keyboard, mouse pointers, closed captions and high contrast. You can also tweak animations and notification length.

Additionally, in the System section under Display, you can adjust your text and item size to your preference for better legibility.

4. Recheck Privacy

By default, Microsoft collects a variety of usage data in Windows 10. This is used for targeted advertising, account syncing, telemetry and personalization.

If you're concerned about privacy, review the myriad of settings you can turn on and off in the Privacy section of Settings.

Here you can opt to turn off your advertising ID, key logging, location sharing, speech recognition, and all sorts of personalized data. Review each item carefully and choose what type of data you won't mind sharing. Keep in mind that turning off specific items like your advertising ID will disable key Windows 10 features like app suggestions and personalized search.

Another setting under Privacy that's worth checking is "Feedback & diagnostics." This is where you control what anonymous usage data or telemetry your Windows 10 PC will share with Microsoft.

Telemetry data is often used by software companies to improve their products by working out bugs or by studying user patterns. There are three levels to choose from: Basic, Enhanced and Full.

Basic shares just the vital data to keep computer specs and configuration, software and drivers installed, network data and peripherals

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Are You a Smart Online Shopper?

By Bob Rankin, www.askbobrankin.com, bob@rankin.com

Shopping online for Christmas, Hanukkah (or any time of year) is easy and convenient, but when you use the right tools, you can also save a lot of cash. Here are some money-saving tips for the smart online shopper...

Wish list? Check. Credit card? Check. Okay, before you head off to your favorite online store, are you sure you've found the best possible price for the item you're planning to buy? Have you researched other brands or similar items?

Have you searched for coupons or other discount offers? Are you getting free shipping whenever possible? And are you taking

advantage of the power of group buying, and the wisdom of the crowd?

Use my ten simple shopping tips to make sure you're getting the best deal when you shop online...

TIP #1: Look for rebates and rewards BEFORE you shop.

Loyalty programs such as Ebates offer shoppers rebates and other incentives to purchase from stores where they already shop. Ebates offers up to 25% in cash rebates when you shop online at popular stores like Amazon, Best Buy, JCPenney, Kohls, Macy's, Old Navy, Target and 1000 more. Even better,

Ebates will pay you \$75 when you refer 3 friends via their Tell-A-Friend promotion.

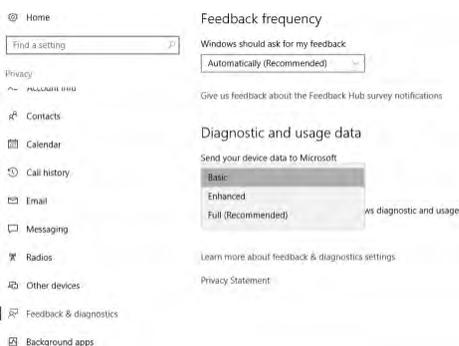
TIP #2: Use price-comparison sites to find the best deals.

Google Shopping is a good place to start. Just type in what you're seeking, such as "42-inch HDTV" or "cordless drills" and up pops an assortment of vendors. The initial results are displayed sorted by "relevancy" but I recommend that you re-sort them by price from low to high.

Bizrate.com is another good tool. It can display prices including

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Windows 10 Machine (Continued from page 6)



connected. Enhanced includes application usage and diagnostic data about crashes. Full includes the memory state of your PC during a software crash and advanced diagnostic features that collect additional data.

Other Privacy sections you should visit often are Camera and Microphone. Here you can check, allow, or deny apps that utilize these devices.

5. Manage update schedule

Windows 10 installs updates automatically and it's worth checking what times it will install them so they won't affect your work. (You can defer or postpone non-security updates for Windows 10 Pro and Enterprise versions but you still can't skip them.)

To adjust this schedule, click the "Update & security icon" under Settings and go to the "Windows Update" tab. You'll see what updates are available.



Here you can tweak your "Active hours" (times you commonly use your computer) and Restart options. Adjust these times so as not to interfere with your daily routine. Under "Advanced options," for more automated updates, you can choose to have other Microsoft apps to update with Windows.

Then there's the "Defer feature update" option to postpone certain updates. Don't worry if you can't find this option if you have the Windows 10 Home version since deferring updates only works for the Pro and Enterprise versions of Windows 10. ☺

Online Shopper (Continued from page 7)

shipping to your zip code, or even limit your search to items that ship for free.

Pricegrabber.com lets you save interesting items as you shop for comparison to others.

Pricewatch.com was one of the first price comparison sites, specializing in computers and electronics since 1995. They now list non-tech items as well.

TIP #3: Before you buy, look for coupons that can reduce your final price. RetailMeNot has thousands of digital coupons and discount codes from many well-known and obscure online sellers. A little-known trick is to use Google's search function to find coupon codes buried on blog pages. Just use "coupon" and the name of the brand, merchant, or product that you are seeking as your search term.

TIP #4: An Amazon Prime membership may save you money. If you use Amazon.com frequently, that \$99 flat fee gets you unlimited free, 2-day shipping on products delivered by Amazon. If you haven't been to Amazon lately, it's no longer just a bookstore. Amazon also offers music, movies, electronics, home & garden, health & beauty, toys, clothing shoes & jewelry, sporting and outdoor goods -- just to name a few categories. Also, take note of the prices offered by Amazon affiliates on both new and used items; they are sometimes lower than Amazon's price. Amazon is also a great shopping research tool. After searching for the item (or type of item) you're after, Amazon will help you compare brands, prices, and retailers. You can also see what items and accessories other customers bought.

TIP #5: Patience Pays Off. Speaking of Amazon, here's a cool

tip to save money when shopping online: CamelCamelCamel is an Amazon price tracking, research, and alert service that helps users get the best deals on the e-commerce giant. If you don't need to buy right away, this tool can alert you to price drops for items you're watching.

TIP #6: Don't forget eBay, especially if the item you seek is a staple rather than a fad of the moment. Because it's an auction site, the price you pay for items (both new and used) tend to be very reasonable. And if you prefer to skip the drama of a bidding war, look for an item with a "Buy it Now" option. Oh, and here are two eBay Ninja tricks that'll save you money every time. First, start your search at the eBay home page. When you get the list of matching items, refine your search by checking the "Completed listings" box under the "Show Only" header. This will tell you what the item has actually sold for in recent eBay sales or auctions. And second, use BidRobot to boost your chances of winning the auction.

TIP #7: Take advantage of group buying power. Group-buying services such as Groupon and LivingSocial are geared mainly towards local, face-to-face merchants. But Groupon has inspired a slew of "daily deal" offers from many online sellers, too. Subscribe to e-mail lists to receive special limited time offers from your favorite stores.

TIP #8: Use social networking to your advantage. Many online sellers want you to follow, friend, or "like" them on Twitter and Facebook. If you do, you'll gain access to coupon codes and special offers. If you find you're getting too many messages from these merchants, you can unfollow or unfriend to stop the flow after you've made your purchase.

TIP #9: Got gift cards? Gift cards are a great option when you don't know exactly what to get for someone on your Christmas list. My friend Aaron and his team have created GiftCard Zen, a site where you can buy gift cards at a discount. You can also sell your unwanted gift cards for cash, or check the balance of a gift card you have. GiftCard Zen handles gift cards from hundreds of popular stores. It's a win-win scenario!

TIP #10: Skip the Warranty. Are you giving a mobile phone, tablet, computer or TV? Read SCAM ALERT: Mobile Device Insurance and Extended Warranties to find out why these are almost always a waste of money.

TIP #11: Avoid Penny Auctions. Have you seen those commercials where people brag about how they bought a \$1200 HDTV for \$25? See my article Penny Auctions: Scam or Legit? to see why these sites are to be avoided.

TIP #12: The Wisdom of Others. It's smart to take advantage of the experience of others, especially when it comes to considering big-ticket purchases. Sites like Amazon and Epinions offer actual consumer experiences and reviews of products. Consumer Reports and PC Magazine are good places to look for professional ratings and reviews.

BONUS TIP: Shop on Mobile (or fake it) Researchers at Northeastern University found that shopping online with your smartphone may yield a lower price than shopping from a desktop computer. I tried a few hotel searches myself, and found that prices were about 10% lower when I did the exact same search on my phone. So I had an idea... I wondered if changing the UserAgent on my desktop browser

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Shareware and Freeware

By Kent Mulliner, Bristol Village Computer Club, OH, www.bvres.org, webmaster (at) bvres.org

The two terms, shareware and freeware, are used interchangeably and refer to software that is available without a required payment (examples include Firefox and the Libre Office Suite). As an alert, we should be aware that these are usually developed/written by goodhearted individuals or groups, but the absence of a revenue source can be a constraint on maintaining and developing the refinements needed by software in a rapidly changing environment. Increasingly, we are seeing shareware groups seeking donations to offset commercial revenue. Examples include LibreOffice and Thunderbird (this latter was developed by the Mozilla group but they have decided that it is not fair to Mozilla users to transfer revenue to maintain Thunderbird. Thus they are seeking voluntary donations from Thunderbird users to further develop and maintain the program).

Approached practically, encouraging freeware/shareware development through donations is self-serving. The donations enable more active development and maintenance programs to keep the software up to date. The absence of freely given revenue can threaten the continuance of such software.

A current example is Open Office which was the forerunner of LibreOffice. It was developed by Sun Computing (which was bought by Oracle). In the initial purchase, many staff working with Open Office opted to

join together to independently develop the software further and hence the birth of LibreOffice. Others stayed with Open Office but they also left Oracle and opted for the umbrella of Apache software (a shareware server company).

The latest word from this group is that they have decided to retire Open Office. In 2015, Open Office had a single update in October while LibreOffice had 14 over the course of the year. While some updates may correct minor bugs, more importantly is that they correct vulnerabilities [to malware] that have been discovered. Apache Open Office's vice president explained that it faced a severe shortage of staff to address vulnerabilities and that it was hard to adhere to the company's commitment to publicly announcing all vulnerabilities discovered without being able to correct (patch) those vulnerabilities.

The lesson is that while we can appreciate the availability of freeware/shareware, this is only possible if funding is available to support development of the software. It is like National Public Radio. It is only available as long as people are committed to and able to assure its continuance at a quality level that you should demand (and you can make such a demand only because you have paid to make maintenance of that quality possible. ☺)

Online Shopper (Continued from page 8)

would fool these sites into giving me the "mobile discount." And it seems to work. I checked the price for one night at a hotel in Orlando using Chrome on desktop: \$145. After changing my UserAgent string to make my desktop browser identify as an iPad, the price showed as \$131.

Reader's Comments:

As well as finding the best price sometimes the online stores you use are affiliated with airlines to reward you with extra miles for purchasing through their site. For example, I use Newegg.com and Backcountry.com which I access through the American Airlines shopping site (<https://www.aadvantageeshopping.com/>). You can earn bonus miles per dollar spent IN ADDITION to any miles earned by your credit card. I believe most of the major airlines have similar shopping sites.

Don't forget to ask if there is a Senior Discount!

YouTube is a great source of product reviews.

I always comparison shop at several outlets, and I often use Amazon Prime, because unlike what many say, the total price with shipping is frequently lower or very little more for the free 2-day shipping, and many of the places that might be a couple of bucks lower don't seem to care how long it takes them to fill your order and get it in the mail. Of course, there are exceptions and if I can afford to wait I will take advantage of those deals. I have also been taking advantage of the Honey Chrome addon for Amazon that tells you if there is a lower price on the same item.

As you said in tip #10, smart phone insurance is almost always a waste of money. But, some homeowners/renter's insurance policies have a rider available that is cheap. I pay \$18/year (not per

phone, total) which gives me \$5000 coverage on my computers and smart phones with a \$50 deductible. This is all risk coverage (lost, stolen, falls in the toilet, etc.) although they can deny coverage if it is negligence (i.e., I throw it at someone).

Inasmuch as one has to use a credit card in order to make a purchase online, I find it best to use a virtual credit card. My Visa from BankAmerica calls their virtual card "ShopSafe" with a link by that name. Enter the CVC code from the back and the spending limit and you are provided with a one-time use credit card number with which to make your purchase. My MasterCard from AT&T Universal Card has a link to get a virtual card; same principle although there is no spending limit nor CVC number. Virtual cards expire in a month or two, and nobody else can use them. Totally safe. I would probably wager that lots of other cards also offer someone similar. ☺

P*PCompAS Newsletter
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Coming Events:

Next Membership Meeting: 4 February beginning at 9 am (see directions below)

Next Breakfast Meeting: 18 February @ 8 am, Country Buffet, 801 N. Academy Blvd.

Newsletter Deadline: 18 February

Check out our Web page at: <http://ppcompas.apcug.org>

