

The Rochester Computer Society, Inc.  
a computer club open to everyone

# MONITOR

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February 2017

Next Meeting - Tuesday, February 14  
Cloud Computing, by Jere Minich, via Skype  
APCUG Board of Advisors, Region 5

Tuesday, March 14  
Search With Better Results With Google,  
by Hewie Poplock, via Skype

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## All About Streaming

By Pam Holland, President & Instructor, TechMoxie

Looking to detox from election news or just looking for more interesting content? Streaming is a great way to be in control of the what, where and when of what you view.

### What is 'streaming'?

It is easiest to start with traditional TV viewing. There are two options: Cable or a digital antenna to pick up VHF or UHF channels. Streaming, on the other hand, is done via the Internet - the same service that brings you

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## Planning Meeting

Held on 1<sup>st</sup> Tuesday of each month  
at 7 pm, at St. John's Meadows,  
Briarwood building.

## Newsletter Printing

The January newsletter was  
printed at St John's/Chestnut  
Court by Don Nichols, Charles  
Wells and Tony Dellelo, with the  
help of Don Wilder (computer and  
printer operator). We will try and  
print on the 1<sup>st</sup> or 2<sup>nd</sup> **Thursday**  
**morning**, following the monthly  
meeting.

One of the great advantages of these subscription services is that you can access them from any Internet device. I often start watching a Netflix program on my computer and then continue later that evening from my TV. Netflix automatically saves where I left off.

## What about "cutting the cord"?

Most of the cable companies bundle services (e.g., the Comcast's Triple Play) making your telephone and Internet more expensive if you don't opt for the bundle. Cutting the cord is best for those who are willing to eliminate their telephone (landline) service as well. Doing a careful cost comparison is necessary. But, if you pay for premium content via cable, you might do better to stream that content rather than pay for expensive cable upgrade packages. One huge advantage of streaming is that subscriptions are month-to-month and therefore can be canceled and

email, google, and access to websites.

Why is it called streaming? Because it flows to our devices much like water streams through our pipes. Due to variations in the speed with which data comes over the internet, a little extra is stored ("buffered") as we watch so that we see a steady stream of video. Otherwise, what we are watching would start and stop with annoying frequency. Plus, the content is not downloaded and stored on our devices - it streams through and out.

You can stream content simply by going to your computer. Go to PBS or YouTube on the web and click a video - this is streaming. But sitting in front of a computer isn't terribly cozy.

## Streaming from a TV - what equipment do I need?

Streaming can be done from any device that has an internet connection. Your computer, a tablet or a smartphone can easily stream video content. TVs can stream video if they are internet enabled. ("Smart TVs" are Internet-ready). Older (non-smart) TVs can easily be connected to the internet by attaching a relatively inexpensive device such as a Roku, Amazon Fire Stick, Google Chromecast or Apple TV (most available for under \$50).

Newer Smart TVs connect to the internet wirelessly over Wi-Fi, which is great if your TV isn't near your internet router. Older Smart TVs might need to be plugged into your cable modem - much like computers needed to be wired before Wi-Fi. If you have an older Smart TV, you might want to consider purchasing a Roku-type device which will allow you to connect the TV to the Internet wirelessly.

As Roku-type devices all connect to the Internet wirelessly, you will need Wi-Fi. Newer modems include Wi-Fi capability. If you don't have a Wi-Fi modem, you can get one from your Internet provider or an electronics store.

## How to get content?

There are many sources for great streaming content. Some are free, but many involve a monthly subscription such as Netflix or Amazon Prime. We think it easiest to set up these accounts using a computer. Once your TV is set up for streaming, you can access your subscriptions by turning on your TV and Roku-type device or accessing the Smart TV functions. Roku, for example, will display a menu of available subscription services. Click on the service you subscribe to (e.g., Netflix) and you will be prompted to enter your user name and password. (Happily, you do not need to enter these passwords each time you watch!)

If you have cable TV, consider subscriptions that will supplement what you have on cable such as Netflix and Amazon Prime. For those who don't have cable TV (or want to eliminate it), consider a subscription to SlingTV which offers packages starting at \$20 that include cable news, sports channels and other cable channels such as Comedy Central. Even HBO and Showtime can now be purchased a la carte via a monthly subscription.



"Your Computer User Group of the Air", Saturdays from 12:00 pm to 2:00 pm with Nick Francesco, Dave Enright, and Steve Rae. Broadcasting on JAZZ 90.1 FM from Rochester, NY. Call 966-JAZZ (585-966-5299) or 800-790-0415

The RCSI 'Monitor' newsletter can be found in most public libraries in Monroe County. *Free* copies can also be found in the following computer stores: Microworx, Just Solutions, TSC Electronics, and Pod Computers. Digital copies may be obtained from [www.rcsi.org](http://www.rcsi.org) or my cloud storage at <http://tinyurl.com/tonydel-rcsi-newsletters/>.

#### Some Past Presentations:

Open Source and Free Software  
Protecting Your Identity  
Keeping Mobile Devices Secure  
Mobile Payments  
Flash Drives-Not Just for Storage  
Features, Mac OS X & Windows  
Tablets, the Programs and Uses  
Personal Finance Software  
Amazing Browser Tips  
Linux is Like Cars  
Close up Photography

restarted at any time.

From the November 2016 issue, MoxieBytes, [pam@tech-moxie.com](mailto:pam@tech-moxie.com), [www.tech-moxie.com](http://www.tech-moxie.com).

FREE - - Virtual Technology Conference  
Saturday, February 11, 2017 from 1-5 pm ET  
Conference Description & Registration Links, go to  
[www.apcug2.org/content/virtual-conferences](http://www.apcug2.org/content/virtual-conferences)

## Where Have All the Black Friday Shoppers Gone?

by Greg Skalka, President  
Under the Computer Hood User Group


I love a good bargain, and have always looked forward to Black Friday, the day after Thanksgiving, when retailers traditionally kick off the Christmas shopping season with tremendous deals to lure customers to their stores. Over the years, Black Friday sales have changed and evolved. Once a single day which drove shoppers to camp out in front of stores to get the best deals, it has mutated into a week or more of less dramatic price cuts, with less shopping done in the wee hours of the morning in stores and more done online and with store apps.

I witnessed this trend continue this season. "Black Friday" deals were offered in the week leading up to Thanksgiving, and seemed to continue through the weekend. Some continued through the following week, kicked off by "Cyber Monday" online sales. I found this to be the most pleasant and hassle-free Black Friday ever, with no camping out, no long lines, no stampeding or unruly customers, and I even got every single advertised item I was shopping for. A big reason it was so pleasant was a lack of customers. Even though the newspaper reported good sales numbers for the retailers, I saw relatively few customers in the stores. This was good for me and the others still willing to go out Thursday night and Friday morning, but it made me wonder where the other shoppers had gone. Had they become fed up with the competition and early hours and stayed home, shopping online instead?

I tried to do more Black Friday shopping online this year, but was largely unsuccessful, with better results in the stores. Another thing I noticed was that deals seemed to be less enticing than in years past, with fewer discounted items offered and much less drastic discounts, at least for the kinds of items I was interested in. This makes me ask, "Where have all the Black Friday deals gone?"

I once again was out buying for our group, in addition to looking for bargains for myself. After looking at the Black Friday deals advertised by Fry's, Best Buy, Walmart, Office Depot and Staples (once again, their sales ads were available online several days in advance), I formulated a list of targeted items. Because the deals were spread over several days, there were some items to buy on Thursday (most stores had online sales all day and opened their stores in the evening on Thanksgiving), as well as on Friday. My list included enough items to fill our prize pot for our group's December meeting, as well as a few items I wanted for myself, but overall I felt the number and intensity of the discounts were down from past years. I can remember bringing home bags of great deals years ago; this year I only found a few items I wanted to buy for myself. Maybe some of my lack of interest was that due to my probably having most all the tech stuff I need already, but it did seem to be light on great deals this year.

This year the First Lady and I hosted Thanksgiving for my family, so we were to serve dinner for 14 that day. To make my shopping life easier amid dinner preparations, I tried to buy as many items as possible online. There were



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## Special Interest Group

### Linux Sig

The workshop is the **third Saturday of each month**, at Interlock Rochester, 1115 East Main St.



[www.interlockroc.org](http://www.interlockroc.org)

Enter through door #7 on the end of building, near *Comics Etc* and Goodman St. Find 'Interlock' on the intercom directory to get buzzed in and go upstairs to suite #200. We have experts on hand to fix problems and answer questions about Linux and FOSS (free and open source software). Bring your system in so we can help you get the most out of it. Hope to see you there.

**Free, online  
Virtual Technology  
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presented by APCUG  
Saturdays from 1-5 pm, on  
February 11, 2017  
May 6, 2017  
August 19, 2017  
November 4, 2017

two things on my list from Fry's that were Thursday sale items, and I was able to easily buy them online Thursday morning before our guests arrived. I selected in-store pick-up over delivery, as the poor Fry's employees would be working until 11 PM that evening, leaving me plenty of time to pick up my stuff after our turkey-stuffed guests left.

I also tried to purchase a Samsung Chromebook at Walmart online Thursday morning, but it showed "out of stock" when I went online at 8 AM. This was another indication of deals being inferior this year, as last year I had two different sources of cheap Chromebooks to choose from; this year, only Walmart had a bargain. Here I did slip up, as I later found I could have tried to buy the Chromebook online starting at 12:01 AM Thursday morning.

Some of our family stayed later than I anticipated, so I didn't get out to shop Thursday night until 8 PM, two hours after Walmart opened. My daughter questioned why I was going out at all, thinking I'd be gone for four hours or more. I feared all the in-store Chromebooks had been purchased by then, but I figured I had to try, and didn't think the crowds would be too bad by that time. When I arrived at the Poway Walmart, the parking lot was pretty full but I managed to quickly find a space. There were barricades and a San Diego County Sheriff car parked in front of each of the two store entrances, but at this point there were no lines. I got into the store with no problems and went to where I thought the electronics items would be located.

It was obvious I'd missed the rush, as while there were still a fair number of shoppers in the store, they appeared to be milling around calmly. I looked in the aisle for the door buster display of the Samsung Chromebooks, but didn't find any. Thinking I'd missed out, I asked a nearby salesperson, who said the door buster displays had just been taken down, and any remaining items put at the end of an aisle rack. She was very helpful and led me to the place, where I found three Chromebooks remaining. The check-out line was short, so I was in and out of the store with my prize in about 20 minutes. After picking up my pre-ordered items at Fry's, I was back home by 9:30 PM.

My remaining purchases, if I were successful in getting them, were to be at Fry's on Friday, so I planned to first try to buy them online. Online sales were to start at 5 AM, while the store did not open until a more civilized 8 AM. I woke up at 5 AM, put on sweats and hopped on the laptop. I was able to put all five items I was looking for in my online shopping cart, and with my promo code entered, see the anticipated Black Friday prices. It all seemed to be going my way. After logging in to my Fry's online account and filling in credit card information, I was ready to purchase. When I pressed the "Complete Sale" button, however, a screen came up that said something like "Oops - Fry's online is having technical difficulties - please try again later."

After a few seconds, the shopping card screen came back, with all my selected items still in it. I went through the same check-out process, with the same unfortunate result. And again. And again. And again. I repeated this until about 5:20 AM, and then decided to take a shower, dress and get ready, all the while periodically trying the online purchase again.

Finally, I found the "Complete Purchase" button became grayed out and could no longer be selected at all. Fry's obviously was having problems with their web site and was not making many online sales. By this time, it was 7:20 AM, so I decided to go to the Fry's store and try my luck.

When I arrived at the Fry's San Marcos store, it was 20 minutes before opening, and the lot was less than 1/4 full. There was a line of people at the entrance, but it didn't even reach the corner of the building, so I only had 50 or so shoppers ahead of me. Employees with stacks of vouchers came down the line, passing them out to those wanting those "doorbuster" deals. The Fry's ad had stated that vouchers would be handed out starting at 6 AM, but at this late time it seemed there were lots more vouchers than takers. One poor employee kept looking to hand out vouchers for 4K TVs, but found little interest. I asked about the only doorbuster item on my list, a 2 TB USB3 hard



drive, but he said that was a different department, and those employees would be out again with the vouchers soon. At this point the store's doors were opening, so we all walked calmly in and I immediately headed to where those drives would be.

When I got to the components department, I found a table full of those drives (about a hundred). I asked an employee if I needed a voucher to check out, and they said no, just take one. I quickly found all the items on my list and a few more. The check-out line was very short, so I was home again with all my loot by around 9:30 AM.

Once again, I came away with a good assortment of prizes for our group's holiday meeting, plus a few good deals for me. It was a mixed shopping experience, however. Although it was a more satisfying experience than in years past in that I got every item I was looking for, I did find that the deals were not as abundant as I remember. I guess I'll have to check out what is available on Cyber Monday (before or after work, of course), and will have to hope Fry's fixes their web site problems before then.

Article from [www.uchug.org](http://www.uchug.org), [president@uchug.org](mailto:president@uchug.org).

**Ask Leo !**

By Leo Notenboom, <https://askleo.com/>  
Making Technology Work For Everyone

## Four Options for XP Die-hards

If you're still clinging to XP and wondering what to do next, here are four options to consider.

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For PCs I still use XP. This is for several reasons (real or imagined) — I hate going to W10 and don't plan to do so ever if I can. I hate the “upgraded” versions of Microsoft Office. They are ever more clumsy and harder to use. And — worst of all, they are not backward and forward compatible. I'm retired, but in my prior life I was involved with computers used in military air defense systems. If we had delivered software to the military with the software problems that Microsoft delivers to the public I think I would have been fired prior to the first delivery.

I am at a loss for what to do for my next upgrade. Shall I go to W7, suffer with W10, evolve to Linux, retire and let my brain rot — or what? I do not have an answer and soon I will have too many XP issues to progress further. (I spend a couple of hours a day investing in the market.)

Do you have any thoughts on this? I am not necessarily looking for a public answer, but your thinking would be valuable to me.

//

I have thoughts a'plenty.

You're not alone in your situation. There are plenty of XP die-hards who are reluctant (to put it politely) to use anything else. What's right for you, however, still comes back to you, and what you're willing to endure. That being said, I'll rule out brain-rot right from the start. This is a wonderful opportunity for just the opposite, in my opinion.

### Option 1: Stay with XP

Many people are simply opting to stay with Windows XP. It meets their needs, they're comfortable with it, they know how to drive it, and their machines support it. If there's a problem at all, it's simply that “meets their needs” stands a good chance of changing over time. New hardware probably won't support XP. New applications probably won't support it. Updates for existing applications are slowly dropping support for it — either explicitly, by not running on XP at all, or passively, by no longer updating the software running on XP.

Application software updates are also getting larger, increasing demands on the capacity of machines being used. This typically manifests as a machine just getting slower over time. And, of course, the boogeyman that we keep hearing about again and again: if a security issue is found in Windows XP, it will not be fixed. You're totally on your own when it comes to keeping yourself safe and secure.

So, if you're not planning on any new hardware or software, are OK with the updates for the applications you do have, and are satisfied you can handle your own security, staying with Windows XP may not be unreasonable. The threatened XP “Armageddon” (or [XPocalypse](#), as some termed it) when support came to an end never came to pass.

## Option 2: Upgrade to 7

Windows 7 was fairly popular; it was different than Windows XP in popular version of Windows after XP.

Once again, many people who meet their needs, they're drive it, and their machines support same as with Windows XP; it's just



have a little more breathing room. New hardware generally supports it, and new applications almost certainly do. Applications continue to be updated on and for Windows 7. While the updates are getting larger, *most* machines running Windows 7 are newer, and generally have more room to accommodate that growth. And when it comes to security, Windows 7 will continue to be supported into January of 2020.

If you want the smallest upgrade from Windows XP in terms of the changes in user experience, upgrading to Windows 7 would be it. But its days are numbered.

## Option 3: Upgrade to 10

Windows 10 has had an admittedly rough start. Initially, it ran into potholes not as much for its technology as for the heavy-handed approach Microsoft took to getting it on the machines of Windows 7 and 8 users. (Once again, we'll treat 8 as if it didn't happen.) Subsequently, an assortment of technical issues impacting a generally small subset of users, as well as some design decisions (such as removing granular control over updates) have proven to be relatively controversial. Nonetheless, Windows 10 is a solid operating system for most. I use it myself on several machines – old, new, and virtual – and have done so since it came out, without incident.

The biggest issue for new adopters of Windows 10 tends to be resistance to user interface changes, including everything from the new Start menu to the changing division between “apps” and “applications” and migration towards the former. Windows 10 represents the biggest change to Windows XP that is still Windows.

## Option 4: Switch to Linux

Switching to Linux is certainly an option. Chances are your existing hardware will work. In fact, Linux is often the most viable option for extending the life of older PCs for which Windows and Windows applications have simply gotten too large. Distributions like [Lubuntu](#) and others are specifically designed with smaller footprints in mind. You may also find the default user interfaces in most Linux distributions to be very XP-like, with a standard hierarchical start menu (no tiles), a familiar file manager, and so on.

Here's the catch: your Windows software will not run in Linux. For every program you care to use, you'll need to find a Linux alternative. In some cases, it'll be simple: Firefox and Thunderbird, for example, have Linux versions, and are often even pre-installed. In some cases, it depends on your specific needs. There are several Linux alternatives to Microsoft Office, such as [Open Office](#), [Libre Office](#), [Abiword](#), and others. Unfortunately, the best you can say is that they're “mostly” compatible – they tend to operate a little differently, and while you can exchange documents with Microsoft Office users, it's unlikely they'll look exactly the same.

In the worst case, you may find that there is no Linux alternative for software you currently run on Windows. Particularly for those who use their computers primarily for browsing the web and exchanging email, Linux can be a workable alternative.

## My Recommendation

If you want to stick with Windows, my advice is simple: suck it up and move to Windows 10. Sorry to be brutal about it, but I keep running into people who were at first extremely reluctant to move away from XP but who now happily use Windows 10. The only thing that stood in their way was their own willingness to consider the move and accept the changes that go with it. I'm not claiming it's easy, or that Microsoft couldn't have handled it better, but it is what it is. Windows 10 is a good operating system, and will be around for years to come.

There are things to make the transition easier. One I would recommend is [Classic Shell](#). This will address the single most common complaint about Windows 10: it'll allow you to get your Windows XP-style start menu back. It also provides several other tweaks to ease the transition.

If you can't consider Windows 10 but want to remain supported, I'd seriously consider Linux. [Linux Mint](#) is the distribution I'd have you evaluate. Do keep in mind the caveats above about needing alternatives for Windows applications. Similarly, if you think you'll be dodging updates, think again. In my experience, my Linux

distributions are actually updated *more* frequently than Windows. On top of that, support ends more quickly – Windows is supported for ten years, while most “long term support” releases of Linux are supported for only five.

### A word about Office

The original question included the comment that newer versions of Microsoft Office “are not backward and forward compatible”. Depending on what’s meant by that, it’s not true. Newer versions of Office can open all older documents, and there are add-ons for older versions of Office to open the newer “x” file formats (docx, xlsx, and so on). Perhaps more relevant is that you may not need to use Office at all. The alternatives I mentioned earlier are generally available for Windows. Switching to one of them might make your life a little less frustrating.

Reprinted by permission from Leo's website and written in December/2016.

There has been concern over power line radiation and its effect on human health for at least 40 years. Living close to power lines has been shown to increase the risk of leukemia and other cancers since 1979, when convincing evidence was first published by Wertheimer and Leeper in the American Journal of Epidemiology.

Since then, dozens of published papers have found links between living near power lines (and other electrical wiring configurations) and a range of health woes, including: brain cancer, childhood and adult leukemia, Lou Gehrig’s disease (ALS), Alzheimer’s disease, breast cancer in women and men, miscarriage, birth defects and reproductive problems, decreased libido, fatigue, depression and suicide, sleeping disorders, and many others.

Excerpt from [www.emwatch.com](http://www.emwatch.com)

## Headache Cure!

By [Peter Daley](#)

Sunshine Coast Computer Club

A person brought his laptop and DSL modem to me to check out. Apparently he had spent a lot of time on the Internet service provider help line, and they were unable to fix the Internet connection problem over the phone. There was uncertainty whether it was the modem or the laptop that was the problem, as the service provider assured him that the ADSL line tested, OK.

I sorted the issues with the laptop and then turned on the ADSL wireless modem. I now test all wireless devices with my trusty microwave meter, to see what signal strength they put out. This helps you establish if the device is working properly.

In this short road tour video with Sunshine Coast Daily reporter Kathy Sundstrom, I show the microwave meter in action. The club has purchased one to loan to members. This is so members can test their home environment microwave exposure levels, or to test if a wireless device is working.

<http://www.sunshinecoastdaily.com.au/videos/radiation-tour-sunshine-coast/39386/>

Normal microwave background in most American cities in the 1990s was around 30 micro watts per square meter (30uW/m2), in the country it was less than 10uW/m2. This modem was radiating 1,100,000 uW/m2. If you look at the club Microwave Safety Guide chart (link below), this is at the top signal strength level region for home microwave devices. This device close up signal strength, was a million times above the natural microwave radiation background for all previous generations of humans!

In my opinion, this device presented a health risk, particularly if it was located close to him while he was using his computer. I called him and asked where he had this device located, in relation to his computer. I pointed out that it was a very powerful Wifi device, and he shouldn't have it close to him for long periods of time. It turned out he had it on his desk, about half a meter away from where he used his laptop, in his bedroom, plus it was always on.

Then the penny dropped, he realized that since the modem had been with me, his headaches had disappeared. He explained that for the last 6 months or more, he had every conceivable medical test you can imagine to ascertain what was causing him to have severe headaches! He immediately informed me he did not want this modem back. We established that he didn't even need a Wifi modem. I suggested I set up a standard ADSL 2+ modem and have it

connect to his laptop via a physical cable. I explained this set up would provide a much faster and safer Internet connection, compared to the Wifi Modem. He ended up with a great outcome, a headache cure, plus a faster and safer Internet connection!






New ADSL and NBN modems often have two Wifi bands that they can work on, 2G and 5G. These two microwave wireless systems are generally turned on by default. In my opinion multi-band wireless devices are potentially more hazardous than single band wireless devices. This is because they put out a much stronger Wifi signal. You can usually turn one, or both bands off, in the modem settings.

From research, the microwave signal is not the sole health issue. The microwave signal is just a carrier wave, for the digital information signal, that conveys information to and from your devices. This modulated digital signal on the microwave carrier wave, is also creating biological damage, that can result in serious health issues.



Those who are sensitive will notice the health effects first. It can cause lots of other health issues besides cancer. It is important to take a precautionary approach to these technologies, and limit you and your families' exposure. If you don't need it, turn it off, educate your family members to do the same. Purchase Wifi devices with a physical on / off wireless switch.

**Download your free two page WIFI safety chart, here** <http://sccc.org.au/wifi/microwave-safety-chart.pdf>

Read the club Microwave Safety Guide, on page two, it provides lots of practical ways to easily and greatly reduce your microwave radiation exposure!

For wireless convenience, we are placing at risk the health of generations of children! Microwave radiation was classed as a 2B carcinogen by the World Health Organisation (WHO) in 2011. A lot of independent scientists felt it should have been classed as a 2A carcinogen.		
Intensity in $\mu\text{W}/\text{m}^2$	Intensity in $\mu\text{W}/\text{cm}^2$	This colour chart is based on the independent <a href="#">BioInitiative 2012 Report</a> . It is not based on any government standard.
2,500,000	250	 <b>Smart meters, sometimes called Digital meters</b> , operate in this region. If installed they radiate significant amounts of Microwave Radiation into the home and local community, seven days a week.
1,000,000	100	
500,000	50	
250,000	25	
100,000	10	 More powerful mobile phones, WiFi routers and tablets etc., can be found to operate at the intensity in this red region. Long term exposure to non ionising radiation at intensities in this red region are more likely to lead to future health effects.
50,000	5	
25,000	2.5	
10,000	1	
5000	0.5	 The average Mobile phone, WiFi modem, WiFi Router, WiFi Printer, Smart Phone, Cordless Phone, Tablets, Gaming Console, and Baby Monitor tend to put out non ionising radiation at the intensity in these red regions.
2500	0.25	
1000	0.1	
500	0.05	
250	0.025	 People with EMR sensitivity start to feel effects in the yellow areas of this chart.
100	0.01	
50	0.005	
25	0.0025	
10	0.001	 This level or lower, is what to aim for.
5	0.0005	
1	0.0001	

Note: The device signal strength in the red regions of this chart are the levels you would expect when the device is touching or very close to your body.

 Each time you double the distance from a microwave transmitting device you quarter the radiation exposure. 



### **Practical things you can do to reduce your family's exposure to Microwave Radiation.**

The more wireless devices you have turned on in your house at one time, the more intense will be the microwave radiation exposure to your family and the neighbours. Think about it, in a home of a family of four, each person could have a mobile phone, a tablet computer, their own laptop, a cordless phone system, gaming console, wireless access point, or mobile broadband device.

All of these devices radiate significant amounts of microwave radiation individually. Combined, this adds up to a very significant exposure. Train the family to turn them off, or use alternative technologies! **A lot of people don't even own a mobile phone and they survive!** Some people are far more sensitive than others to this type of radiation, and can suffer significant symptoms in a very short period of time.

**Ideally stop using wireless devices altogether and use wired connections**, or at least use methods to reduce you and your family's exposure. Doing this not only limits your exposure, but also the exposure to everyone around you! When it comes to microwave radiation, distance is your friend. Each doubling of the distance from a microwave transmitting device quarters the radiation exposure.

1. Turn devices off when not in use! Buy wireless devices with a physical on off wireless switch. Turning the wireless device off has an added benefit, it lessens the time available for someone to hack into the device. Wireless devices such as printers, access points, cordless phones, baby monitors, WiFi routers and tablets etc., can send out very strong microwave signals constantly when left on.
2. A lot of wireless modems and access points will allow you to turn down the wireless transmission signal strength in their software settings. Lower the wireless signal transmission strength to the lowest possible level you can, to get everything working well with a 3 to 4 bar signal strength.
3. Place wireless access points and mobile broadband devices as far away from you as practical. It is suggested to put mobile broadband USB devices on a 5 meter USB extension cable. This is so you place the device away from you. You can then also use it like an aerial, to find the best signal strength location. Don't place these devices on your lap or on your person. Use texting, speaker phone or a corded earpiece when using a mobile phone.
4. Only have the device's wireless and bluetooth functions turned on when necessary. Remember there can be more than one wireless type built into a device, WiFi as well a bluetooth etc. You can turn off these functions in the laptop, mobile phone and tablet settings. This will also improve security.
5. Sleeping with these devices in your bedroom, bed, or under your pillow. is a fire hazard, and also a health hazard.
6. Replacing a cordless phone system with an old style corded phone will greatly reduce the amount of microwave radiation emanating through your house, and your head.
7. Smart meters / Digital meters are being rolled out, and these devices put out a very powerful wireless signal. Act now to opt out of having them installed in your home or business power box.

<http://sccc.org.au/wp-content/uploads/2016/03/Smart-Meter-Installation-Protection-Kit-Updated.pdf>

Act responsibly! Inattentive mobile phone use while driving, walking, and parenting, is resulting in huge numbers of fatalities and injuries. Download this free WiFi Safety guide from, <http://www.sccc.org.au/wifi/microwave-safety-chart.pdf> pass it on to family and friends.

**Disclaimer:** This is an amateur volunteer run service. Human error can provide incorrect information, and equipment malfunction can produce false readings. Do not rely on, or take action upon information presented on this web site, without further research. Views expressed in the pages or images on the SCCC Inc., site are the personal opinions of the relevant writers, and are not necessarily representative of those of SCCC Inc.

Reprinted by permission granted by Peter Daley (on 1/7/17), from an article dated July/2016. The Sunshine Computer Club is located just North of Brisbane, Australia.

**Editors note:** An excerpt from another article written by Peter Daley.

**The foetus of pregnant women, children, and particularly girls, are much more sensitive to radiation than adults.** In the Catalyst program they mention the research showing a mobile phone causing [sperm damage to men who put it in their pants pocket](#). Well think about it, what damage is occurring to a young girl's eggs or a

young boy's sperm when they place a tablet on their laps for hours at a time. **Their bodies are a lot smaller, so their exposure is much greater than an adult! The microwave signal emanating from a tablet can also be stronger than a mobile phone!**

## A Bit of This - A Byte of That

By Greg Skalka, President  
Under the Hood Computer User Group, CA

Though it is our "Lite" edition this month, I feel I should still put a few of my thoughts down for the benefit of our readers. I usually have a few ideas or tech concerns that probably would be of interest to our members, but can't be developed into a full column (at least without some unreasonable padding).

Updates seem to be a constant pain for me. October is National Cyber Security Awareness Month, and one important security tip to protect yourself from cyber threats is to make sure your OS and applications are kept updated. With programs, browsers and operating systems all needing occasional security updates, it is often difficult to keep up. Depending on update settings in the program or OS, it is also sometimes not easy to know when new updates are available. Some software vendors make the update process easy, while for others it is a chore.

Another problem is that I have so many devices that require updates. I currently have two laptops (Win7), four desktop PCs (two Win7, one Win10 and one remaining XP, which is not connected to my home network, so it does not get updated any more), a Chromebook, a Chromebit, an iPad Mini and two Android tablets. My wife has an iPhone, but its maintenance is her problem. Additionally, I have a number of other tech devices that need periodic software/firmware updates, including smart TVs and GPS receivers. In reality, almost any device that can connect to a computer or the Internet has the potential for an update. How does one keep up with it all?

I also probably make life a bit harder for myself by avoiding the automatic update settings in Windows. I don't fully trust Microsoft to hold my best interests above theirs, so I subscribe to Ronald Reagan's policy of "trust but verify." I allow Microsoft to inform me of critical updates, but I choose when (and if) they are installed. I do want to keep my OS and Office programs updated, but don't want to be held up while waiting for an update to complete. If I'm in a hurry to turn off my laptop (like I'm getting ready to board an airplane) and I get the message "Updates in progress, do not shut down your computer," I'd be very unhappy. I also may not want every update Microsoft wants to force on me (like Windows 10). I try to check for Microsoft updates once a week, when I perform weekly computer maintenance on my regularly-used computers.

I have noticed a problem with computers that don't get used often, like my wife's laptop. When there are a lot of accumulated updates to install (like more than a dozen), the process can take forever (like days). The best solution I've found so far is to select only a portion of the recommended updates (like 6-10) to install at a time; it seems to be able to choke down updates in smaller batches more easily.

Even though Microsoft's free Win10 update period has ended, apps on my computers are still checking to see if I've upgraded (that pesky GWX, or Get Windows 10, ConfigManager), and Win10 is still listed as an update for my wife's computer. I need to stop this waste of my computer resources, and get rid of these apps and the downloaded but not installed Win10 update on my wife's PC. I recently subscribed to the "Ask Leo!" computer newsletter (askleo.com); a recent issue described how to do this. If only I could find the time.

I have been happy with the update process for the Chrome OS. Google does not offer any options; when an update is available, it is automatically downloaded and installed the next time you boot. I have noticed the little up-arrow symbol (looks like a little house to me) in the system tray that indicates an update is ready for installation. I've never noticed any additional boot time for the update, nor seen my user experience change. I believe updates for the Chrome browser are handled in the same way.

This type of forced update does potentially put your system at risk, as there does not appear to be a way to roll back a malfunctioning update. At least Microsoft sets a restore point.

It is my understanding that Windows 10 also applies updates unconditionally, but I have not been running it long enough to have seen this. I have read horror stories of Win10 users having their computers reboot during critical work presentations due to this automatic update "feature." Not something I'd want to endure as a business computer user.

I guess the only way to avoid failed updates (other than not updating) is to have multiple computing devices with different operating systems (massive redundancy). I kind of have that, but then I must accept that performing the

update process will be a long one.

From the October 2016 issue, Drive Light,  
[www.uchug.org](http://www.uchug.org), [president@uchug.org](mailto:president@uchug.org).



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## Interesting Internet Finds - September 2016

Steve Costello, Boca Raton Computer Society

In the course of going through the more than 300 RSS feeds, I often run across things that I think might be of interest to other user group members. The following are some items I found interesting during the month of September 2016.

### *The Flaw in Secure Logins*

[http://askbobrankin.com/the\\_flaw\\_in\\_secure\\_logins.html](http://askbobrankin.com/the_flaw_in_secure_logins.html)

Bob Rankin talks about some flaws in two-factor secure logins.

### *Top 10 Ways to Secure Your Mobile Phone*

<https://blog.malwarebytes.com/101/2016/09/top-10-ways-to-secure-your-mobile-phone/>

Malwarebytes talks about ways to secure your mobile phone.

### *How To Create Strong Passwords: 6 Expert Tips For Online Safety*

<http://www.geekersmagazine.com/create-strong-passwords-expert-tips-online-safety/>

To be secure online you need to use strong passwords. This post gives you tips about creating them.

### *What Is Email Spoofing & How To Protect Yourself & Stay Safe*

<http://www.thewindowsclub.com/email-spoofing>

This post explains how an email can look like it comes from a trusted place, but is actually from somewhere quite different. It also tells you how to identify this and what to do to stay safe.

### *Common Questions About Two-Factor Authentication*

<https://www.telesign.com/blog/post/common-questions-about-two-factor-authentication-2/>

This post answers some of the most common questions about two-factor authentication. If you haven't started using two-factor authentication yet, and you should be using it, check this out for answers to your questions about it.

### *3 Videos to Help You Be #CyberAware*

<https://www.consumer.ftc.gov/blog/3-videos-help-you-be-cyberaware>

This post from the FTC (Federal Trade Commission) contains three videos:

- *Protect Your Computer from Malware*
- *Public Wi-Fi Networks*

\*\*\*\*\*

Most Fridays, more interesting finds will be posted on the *Computers, Technology, and User Groups Blog*:  
<http://ctublog.sefcug.com/tag/interesting-internet-finds/>  
The posts are under Creative Commons licensing.

From the September issue of the Boca Raton Computer Society, [editor@brcs.org](mailto:editor@brcs.org),  
<http://ctublog.sefcug.com/>.

DO YOU HAVE AN IDEA THAT YOU WOULD LIKE TO SHARE?  
**Monthly club 'planning meetings'**, are held on the **first Tuesday**  
of each month, beginning at 7:00 pm, and are currently held at  
St John's Meadows, in the Briarwood building foyer. **Any member  
is welcome to attend** and help develop ideas for running the club, as  
well as help decide on future presentations for our general meetings.

SPEAKING OF PRESENTATIONS, it is becoming more difficult to  
find presenters for our monthly general meetings. During the past  
year, we have had presentations given by five members, one guest  
speaker, and five remote programs, from various APCUG speakers  
from around the country, using Skype. Anyone, that would like to  
share something with the club, is welcome to do so. This can be any  
topic from a piece of software that you like, or possibly a tech device  
that you recently bought, or simply something that you find  
interesting and might like to share it with other club members. **A  
topic of interest can be presented anywhere from five minutes  
to an hour or so**. *If you do not feel comfortable giving a presentation,  
then find a video that explains your topic of interest.* I am downloading  
some short videos that can be used as fillers for our meetings. Requests  
to do a presentation, may be sent to the newsletter editor.

\* \* \* \* \* REVIEWS \* \* \* \* \*

## What's New?

Reviews by George Harding  
Treasurer, Tucson Computer Society, AZ

### Ionbank ...

External batteries are pretty much a necessity for those of us who go outside the house frequently. One has to look ahead to keep devices charged up sufficiently. The Ionbank is a finely manufactured piece of hardware that not only serves the need to charge a device when needed, but also is a handsome piece of equipment. Ionbank has a nifty anodized aluminum case with a narrow hinged lid that exposes two cables. One cable has the Lightning plug for recent iPhones. The other has a standard USB plug, which is used to charge the Ionbank. The two cables fold neatly into the interior compartment and are covered by the hinged lid.





There is a USB socket on one end of the device, which can be used to charge using the cable that came with your smartphone. One advantage of the Ionbank system is that you can use both cables; one will charge your smartphone first, then the other will charge the Ionbank. On that same end is a small button and four LED lights to indicate the Ionbank's charge capacity. Four LEDs indicates 100%, three 75% and so on. You press the small button to check charge capacity and to start charging your phone. I'm able to charge my iPhone twice using the Ionbank before it needs recharging.

The product includes a small booklet with Instructions and Important Information in English and several other languages. The English portion is two short pages, but is complete and concise. Warranty is one year, but will be extended to two years when you register.

Ionbank 5K by Moshi

[www.moshi.com](http://www.moshi.com)

Price \$80

### Bowery Energy Bag ...

If you're like me, you have a laptop, tablet and cell phone. You need to carry all this whenever you travel, but doing so is kind of clumsy. It's easy to find a laptop carry bag, but what about the tablet and cell phone?

Here's the solution, the Bowery Energy Bag. It has many pockets, but the most important are the padded ones for your laptop, tablet and cell phone. There are many other pockets, as well for pen, pencil, business cards and other stuff you will need on your trip. But best of all is the ability to charge your items while you travel. The Bowery Energy Bag includes a lithium ion battery that is accessed through the Joey, a small device with a USB outlet and a micro-USB outlet. These can be used for both charging the lithium ion battery, but also to charge one or more of your devices. You can arrive at your destination with devices fully charged and without the need for several cords.

All this comes with a bag. The main pockets are for carrying by hand, by over the shoulder strap, and even across the body strap. There is an additional band on the back of the bag that can be used to attach to your wheeled luggage. Then you don't even have to carry the bag!



that is both attractive and quite durable. zippered for security. There are handles for the shoulder straps and even across the additional band on the back of the bag

The manufacturer includes several informative items. One is the Quick Start guide, a visual aid to operation with brief explanations of how to connect for charging the built-in battery and also for charging any of your devices. Another is a warranty booklet in several languages. The outside of the bag has a few hanging tags, one of which tells succinctly what the bag does for you.

A unique benefit of STM bags is the availability of return of lost bags. You register your bag with STM, providing your information. If the bag is lost, there is a tag inside which can be used to connect with STM, who will provide the means for returning the bag to you. What a deal!

Bowery Energy Bag by STM

[www.stmbags.com](http://www.stmbags.com)

Price \$20



### Siggrapph ...

This is a different sort of computer show that I attend when it's within driving distance. This year, Anaheim Convention Center was the venue. It's a very attractive and busy place, being very close to Disneyland Park. Siggraph is a SIG (Special Interest Group) of the Association for Computing Machinery, a name that appears to have stood the test of time! Siggraph brings together companies of four types.

First, there are those that produce movies and video games using very high-end software and hardware. The products created are full of CGI or computer graphics information. That is, what you see looks real, but is not. The



process involves creation of images in several ways, animating them to produce motion, then rendering the result to produce the finished product. Some of these companies are Disney, Industrial Light and Magic, Pixar and Marvel Entertainment.

Second, there are the companies that provide the hardware used for these processes. This hardware is much faster and more capable (and more expensive) than the laptops and computers you and I use daily. Some of these companies are Intel, Nvidia and Boxx. Other hardware is used for rendering.

Third, there are the companies that provide the software used for image creation and animation. One such is Houdini.

Fourth, there are the educational institutions that teach techniques and train students to do image creation, animation and other aspects of the movies and video games. Ringling College of Arts, University of the Arts Philadelphia, Vancouver Film School and SCAD (South Carolina Arts and Design) were present this year.

The show offers several other events that are interesting and informative:

- Training sessions. These seem to be very technical and are for those who want to learn how to do some of the complicated stuff.
- Art papers. Complex drawings done by computer graphics.
- Production sessions. These are companies like Pixar to show how they created Finding Dory, for example. The ones I attended were fascinating!
- Emerging technologies. This area has some 30 exhibitors showing an experimental technique or display technology.
- VR Village. Several companies show their products created so far.
- Animation Festival. This is one of the most interesting and entertaining events. During a two-hour show, CG presentations by individuals and companies are exclusively CG – no humans at all. Each presentation ranges from 2 minutes to 15 or 20 minutes.
- Keynotes.

Siggraph is a very interesting show. I look forward to going to it each time.

Siggraph by ACM [s2016.siggraph.org](http://s2016.siggraph.org)

From the September 2016, [www.aztcs.org](http://www.aztcs.org), [georgehardingsbd@earthlink.net](mailto:georgehardingsbd@earthlink.net).

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### Computer Recycling

Some Residential Drop off  
Locations: **Call first**, to find out what is accepted, especially for 'tube type' tvs or monitors.

### HEP Sales:

6592 Route 31  
East Newark, NY 14513  
(315) 331-6710  
2567 Rochester Rd  
Canandaigua, NY 14424  
(585) 394-6710  
0446 Waterloo-Geneva Rd  
Waterloo, NY 13165  
(315) 789-4970

### Can Kings

1276 Fairport Road  
Fairport, NY 14450  
(585) 576-2790

### Town/Village of East Rochester

200 Ontario Street  
East Rochester, NY 14445  
(585) 381-1565

### Village of Honeoye Falls

100 Ulrich Lane  
Honeoye Falls, NY 14472  
(585) 624-3620

January's presentation of several short videos went much smoother than I thought it would, once I figured out the settings on my laptop. There were many questions asked and we had use of the Internet to look up websites and other topics mentioned in the videos.

Long time member, Wally Pensgen passed away December 29, 2016. I was invited over to his house several times to repair and remove malware from his computers. He was an easy person to talk with and rewarded my repair efforts with soft drinks, munchies and sometimes dinner. I will mention more about Wally next month.

December's presentation of 'Free, and Alternatives to Free, Software', was loaded with free and open-source software. Many of you were briskly taking notes, I know I was, and yet, you weren't able to write everything down fast enough. To the rescue, Jim McGrath has taken the time to list the various software mentioned and placed them in a table. He shows the current version numbers (as of 12/14/16), and where he downloaded them from. The graph is too large to fit our newsletter 'booklet format', but will appear with the 'web' version. BELOW

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## Current Programs Data – 12-13-16

Program Executable Name	Bits	Version	MB	Date
Adblock_Edge/Chrome_3.7.0 (start at Chrome Home)	64/32			
AdBlock_Plus_IE_2.7.3_x86x64_free.exe	64/32	2.7.3	0.982	06/06/16
AdBlock_Plus_Chrome_1.12.4_x86x64_free_exe	64/32	1.12.4	0.5	10/26/16
Adobe_Acrobat_Reader_DC_2015.020.20042_x86x64_free.exe	64/32	2015.020.20042	90.5	11/03/16
Adobe_Flashplayer_(non-IE chrome PPAPI)_24.0.0.186_x86_free.exe	32	24.0.0.186	19.4	12/13/16
Adobe_Flashplayer_(IE NPAPI)_24.0.0.186_x86_free.exe	32	24.0.0.186	17.5	12/13/16
AdwCleaner_6.030_x86x64_free.exe	64/32	6.030	3.73	10/20/16
Apachie_Open_Office_4.1.3.9782_x86_free.exe	32	4.1.3.9782	134	10/11/16
Belarc_Advisor_8.5.3.0_x86_free.exe	32	8.5.3.0	6.22	04/06/16
Bitdefender_AntiVirus_1.0.5.12_x86x64_free.exe	64/32	1.0.5.12	7.8	11/17/16
Bitdefender_AntiVirus_10_UpdateWizard.exe	64/32	10	7.76	11/06/16
Bitdefender_QuickScan ( <a href="http://www.bitdefender.com/scanner/online/free.html">http://www.bitdefender.com/scanner/online/free.html</a> )	64/32	Current version		11/17/16
CCleaner_5.25.5902_x86x64_free.exe	64/32	5.25.5902	8.4	12/13/16
CCCP(Combined Community Codec Pack)_2015.10.19.0_x86x64_free.exe	64/32	2015.10.19.0	10.1	11/17/15
CyberLink_PowerDVD_9.5.1.4822_x86_free.exe	32	9.5.1.4822	67.51	12/13/15
Defragler_2.21.993_x86x64_free.exe	64/32	2.21.993	4.33	03/21/16
DesktopOK_4.36_x64_free.exe	64	4.3.6.0	0.5	08/20/16
DesktopOK_4.36_x86_free.exe	32	4.3.5.0	0.22	06/08/16
Dropbox_16.4.29_x86x64_free.exe	64/32	16.4.29	74.5	12/11/16
EaseUS_Data_Recovery_Wizard_10.8.0_x86x64_free.exe	64/32	10.8.0	15.3	09/07/16
Foxit_Reader_8.1.4.1208_x86_free.exe	32	8.1.4.1208	49.6	12/12/16
Glary_Uutilities_5.64.0.86_x86x64_free.exe	64/32	5.64.0.86+	15.72	12/04/16
Google_Chrome_55.0.2883.75_x64_free.exe	64	55.0.2883.75	46.7	12/01/16
Google_Chrome_55.0.2883.75_x86_free.exe	32	55.0.2883.75	42.7	12/01/16
Google_Chrome_Updater_1.3.31.5_x86x64_free.exe	64/32	1.3.31.5	1.01	11/05/16
Google_Drive_1.32.4066.7445_x86x64_free.exe	64/32	1.32.4066.7445	33.8	12/05/16
ImgBurn_2.5.8.0_x86_free.exe	32	2.5.8.0	3.3	06/17/13
Internet_Explorer-11_11.0.9600.16428_x64_free.exe (w10)	64	11.0.9600.16428	53.3	08/07/16
Java8u112_8.0.1120.15_x64_free.exe	64	8.0.1120.15	60.8	10/18/16
Java8u112_8.0.1120.15_x86_free.exe	32	8.0.1120.15	53.4	10/18/16
LastPass_Pasport_Manager_4.1.34_x64_free 14dayTrial.exe	64/32	4.1.34	20.5	12/09/16
LibreOffice_5.2.3.3_x64_free.msi	64	5.2.3.3	239	11/03/16
LibreOffice_5.2.3.3_x86_free.msi	32	5.2.3.3	213	11/03/16
LibreOffice_Help_Pack_5.2.3.3_x64_free.msi	64	5.2.3.3	5.1	11/03/16
LibreOffice_Help_Pack_5.2.3.3_x86_free.msi	32	5.2.3.3	5.1	11/03/16
Macrium_Reflect_6.2.1549_x86x64_free.exe	64/32	6.2.1549	44.4	09/08/16
MalwareBytes_Anti_Exploit_1.9.1.1261_x86x64_free 14day trial.exe	64/32	1.9.1.1261	1.80	11/16/16
MalwareBytes_Anti_Malware_2.2.1.1043_x86_free.exe	32	2.2.1.1043	21.8	03/20/16
MalwareBytes_Anti_Malware_Premium_3.0.4.1269_x86x64_free 14day.exe	64/32	3.0.4.1269	59.6	12/08/16



MalwareBytes_Anti_Malware_Premium_3.0.4.1269_x86x64.exe	64/32	3.0.4.1269	59.6	12/08/16
Media_Player_Classic_1.7.10_x64_free.exe	64	1.7.10	12.8	11/15/15
Media_Player_Classic_1.7.10_x86_free.exe	32	1.7.10	12.0	11/15/15
Microsoft_.NET_Framework_4.6.2_x86x64_free.exe	64/32	4.6.2	59.14	08/04/16
Microsoft_Security_Essentials_4.9.218.0_x64_free.exe	64	4.9.218.0	13.6	04/18/16
Microsoft_Security_Essentials_4.9.218.0_x86_free.exe	32	4.9.218.0	11.1	04/18/16
Mozilla_Firefox_50.1.0_x64_free.exe	64	50.1.0	44.8	12/12/16
Mozilla_Firefox_50.1.0_x86_free.exe	32	50.1.0	42.5	12/12/16
Mozilla_Thunderbird_45.5.1_x86x64_free.exe	64/32	45.5.1	33.4	11/30/16
Netgear_Genie_2.4.34.0_x86x64_free	64/32	2.4.34.0	44.1	11/29/16
PrivaZer_3.0.13.0_x86x64_free.exe	64/32	3.0.13.0	7.17	12/10/16
Recuva_1.53.1087_x86x64_free.exe	64/32	1.53.1087	5.2	06/11/16
Revo_Uninstaller_2.0.1_x86x64_free.exe	64/32	2.0.1	6.7	09/19/16
Revo_Uninstaller_Pro_3.1.7_x86x64_free 30 day trial.exe	64/32	3.1.7	10.9	10/11/16
RogueKiller_12.8.4_x86x64_free.exe	64/32	12.8.4	32.6	12/05/16
`Speccy_1.30.728_x64_free.exe	64	1.30.728	4.9	12/03/15
Spyware_Blaster_5.5.0_x86_free.exe	32	5.5.0	8.26	08/24/16
SUPER_AntiSpyware_6.0.1230_x86x64_free.exe	64/32	6.0.1230	27.2	12/06/16
Update_Detector_5.42.0.36_x86x64_free.exe	64/32	5.42.0.36	5.16	10/24/16
USB_Cleaner_9.0.0.8_x86x64_free.exe	64/32	9.0.0.8	3.64	12/09/16
VLC_Media_Player_2.2.4_x64_free.exe	64	2.2.4.0	30.2	06/05/16
VLC_Media_Player_2.2.4_x86_free.exe	32	2.2.4.0	29.1	06/05/16
Windows_Tweaker_5.3.1_x86x64_free.exe	64/32	5.3.1	2.45	05/17/16
WPS Office 2016 = WPS_Office_10.1.0.5795_x86x64_free.exe	64/32	10.1.0.5795	71.1	11/06/16
<b>Download sites</b>				
Major Geeks = <a href="http://www.majorgeeks.com/">http://www.majorgeeks.com/</a>				
FileHippo = <a href="http://filehippo.com/">http://filehippo.com/</a>				
FilePuma = <a href="http://www.filepuma.com/">http://www.filepuma.com/</a>				
Softpedia = <a href="http://win.softpedia.com/">http://win.softpedia.com/</a>				
J.McGrath 12/14/16				

