

Computer Newsletter

Newsletter of The Titusville Computer Club Inc., Titusville FL

February 2012

Volume 27, Issue 2

From the Prez' Lips ... By Metro Arden, President



So we start the new year... And we have a new meeting home It is in the 418 Building that we toured back a few months ago, BUT, we will not have to negotiate those stairs. As, the church has finished the downstairs room, and it was very cozy. They also have a projector and screen in the room for our use. A good signal for the wireless connection, and it looks as though we can be real happy there. We will all need to park around the rear of the large meeting hall, as the church has a large group meeting in the big room. I think this will work out very nice for the somewhat smaller group we have been having.

Everyone has new toys. And everyone knows how to use every bell and whistle on them. Right? Well, maybe not.. So, bring your new toy to the meeting and we will help you break it in. Of course, if you tend to listen to the news about the CES 2012 (Consumer Electronics Show), everything you now own is obsolete.! Everything new is slimmer, lighter, batteries last longer, and of course, FASTER.

The new wireless standard is 802.11ac, or 5G Wi-Fi, with speeds up to 1.3Gbps. Still backwards compatible with all the old stuff.

The second biggest trend is cloud based services.

People will soon be able to control their home network via the Internet, especially with a mobile app.

New TV's are slimmer than ever.. A 55" OLED with a 1mm bezel (the frame) and only 4mm thick. These are not going to be cheap when they first come out! There is a lot of information on the WEB, so if interested in all the new gadgets, just use Google to look some of it up.

See you at the next meeting,
Metro

Demo Meeting Schedule

- **January 26, 2012** — “Web Site Development” by Dr. Al Koller
- **February 23, 2012** — “Windows Live” by Keith McAllister
- **March 22, 2012** — “Identity Theft...You Don't Have To Be A Victim” by Wayne Ivey

What do YOU want to see?



Titusville Computer Club Web Site - www.tccweb.info

E-MAIL - info@tccweb.info

TCC Newsletter

is published monthly by the
Titusville Computer Club, Inc.
Titusville, Florida

Editor:

Terry Tesdall 321-806-9945
Send articles to TerryTesdallSr@yahoo.com
(No later than night of 1st club meeting of month)

Club Officers for 2012

President, Metro Arden 321-264-6159
Email: president@tccweb.info
Vice President, Rodney Iwan 321-267-6932
Email: vp@tccweb.info
Secretary, OPEN
Email: secretary@tccweb.info
Treasurer, Dick Clark 321-267-2474
Email: treasurer@tccweb.info

Club Directors

Librarian, Dell Murray 383-8187
Email: librarian@tccweb.info
Webmaster, Al Koller 267-4860
Email: webmaster@tccweb.info
Inventory, Peter Yanko 631-8252
Internet E-Mail, Al Koller 267-4860
Email: webmaster@tccweb.info
Event Advertising, Judy Banichar 267-5471
Telephone Committee, Judy Banichar ... 267-5471
Newsletter Distribution,

Visit www.tccweb.info

- Supporting Titusville Computer Club
- Web based message and file server



Desktops - Notebooks
Servers - Accessories
Networks - Parts
Upgrades - Repair
Custom Software
Website Design/Hosting

HOURS

Mon-Fri
9:00 - 5:30

Saturday
9:00 - 2:00

Sales and Service

**4320 S. HOPKINS AVE
TITUSVILLE, FL 32780**

**PHONE
264-4871**

**FAX
264-4872**

Between Knox McRae and Hwy 50

Serving Brevard Since 1999



Club members may advertise computer related items for sale in the club newsletter, without charge. Send info to newsletter editor Terry Tesdall at email: TerryTesdallSr@yahoo.com

2012 Dues Are Now Payable

The Titusville Computer Club dues year runs from 1 January through 31 December each year. Dues for 2012 are now payable.

Current members who don't pay 2012 dues by the March 8, 2012 meeting will lose membership and be dropped from the newsletter mailing list. A \$7 reinstatement fee will apply for late renewals.

Dues are \$12.00/year for an individual or \$15.00/year for a family. Make check payable to Titusville Computer Club.

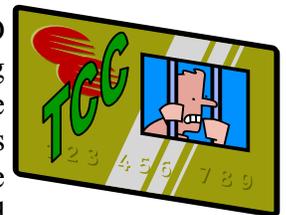
Dues may be paid at any club meeting or mailed to the club treasurer at the following address:

Dick Clark, 2865 Liberty Ave, Titusville, FL 32780



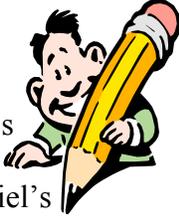
Photo for Your 2012 Membership Card

New membership ID cards are now being prepared. Joe De Lancey asks that any members who want their photo on the ID card to email him a good bust photo at joecorky@cfl.rr.com.



Joe requests a "HEAD ONLY PHOTO," preferably at a slight angle with as high a resolution as possible. Note that face-only views are better identifier than whole upper body views. A one meg or better shot is ideal.

Secretary's Report



The Titusville Computer Club's general meeting was held January 12, 2012 at St. Gabriel's Church "Bldg 418", Titusville, Florida. President Metro Arden opened the meeting at 7:05 pm with about 17 members present.

Due to scheduling conflicts with other activities in St. Gabriel's Fellowship Hall, this meeting and all our TCC meetings for the foreseeable future will be in "Bldg 418" in the southwest corner of the St. Gabriel complex. Comments on this new meeting room seemed to confirm the following:

- Adequate for our needs, in fact superior in some aspects relative to Wi-Fi speed, overhead projector, some kitchen facilities, etc.
- Parking appears adequate and will soon have better lighting.
- More access to power to allow connection of lap tops etc.
- Dr. Al Koller will try to get a better map to show the access and parking for the members on the club web site.

The minutes of the last meeting were read and approved. The treasurers report was given.

Comments were made expressing the success of the Christmas party and the fact that it cost less than the allocated money.

Discussion on the next demo meetings resulted in Dr. Al Koller volunteering to give a demo on how to use the overhead projector and other aids existing in our new meeting room in Bldg. 418 and on how you can now set up a web site with lots of gratuities at little or no cost. This will be on January 26th.

Keith McAllister will be giving a demo on "Windows Live" at the February demo and then there will be a demo on Internet security in March.

A discussion on dues, initiation fees etc. turned up the fact that copy of the bylaws the VP has may not be the latest version. It seems that somewhere along the line, the late or initiation fee has been changed

from \$5 to \$7. If anyone has any documentation recording this, please pass it on to one of the club officers. We need a valid copy of the bylaws in our records.

Dr. Al thanked the club for their donation of \$100 to the church to help defray the expenses incurred due to the break in that was done just before Christmas. He also said that, instead of keys, the main doors will now be fitted with combination locks and that the combinations will be given to those in need of access. He also gave a brief tour of the computer room above the meeting room after the meeting was adjourned.

Minutes prepared by Rodney Iwan



St. Gabriel's Church Complex



A Little More of This and That

By Bob Murray

As found on the web and other sources.



Microsoft to Force New Internet Explorer on Users

By John Lister on 20111219 in *Infopackets.com*

Millions of users now running outdated versions of Internet Explorer (IE) web browser will soon be forced by Microsoft to use newer versions of its proprietary browser. Older versions of Internet Explorer -- especially IE6, which was the default Internet Explorer that was bundled with Windows XP -- are extremely vulnerable to serious security threats and should not be used.

Users who accept automatic updates of Windows, including its monthly security patches, will find their copy of internet explorer updated to a newer edition. Windows Vista or Windows 7 users will receive the latest version, Internet Explorer 9. Those using Windows XP will get IE8, which is the latest edition supported on their operating systems. (Source: windowsteamblog.com)

Old Editions of Internet Explorer Still Popular

As of November 30, 2011, Statcounter estimated that only 10.13 per cent of Internet users had updated to the latest edition, Internet Explorer 9.

Approximately 24 per cent of users are using Internet Explorer 8, while 4.26 per cent were using IE7, and an amazing 2.23 per cent were still using the very dangerous IE6. Critics suggest that IE6 users are still utilizing the old browser because their PC's are outdated and/or have never been upgraded.

Of all users currently using Internet Explorer, more than 75 per cent are running an outdated edition. Microsoft's upgrade plan will dramatically reduce that figure, and potentially eliminate the use of IE6 and IE7, which are essentially sitting ducks for online evildoers because Microsoft no longer supports or

Quote of the month:

No man's life, liberty, or property is safe while the legislature is in session.
-- Mark Twain (1866)

patches the old editions.

New Internet Explorer to Update "Silently"

Microsoft has decided to apply the new Internet Explorer upgrades "silently," claiming bookmarks and other IE settings should remain unaffected.

Microsoft insists that the silent upgrade approach is needed to prevent malware creators from taking advantage of the change in policy. For example, news such as this could prompt malware creators to send out millions of spam email messages claiming to be from Microsoft, with a fake notification asking users to upgrade to a malware-laden Internet Explorer.

Under Microsoft's new policy, users who don't want to update their browser can still opt out, but they'll have to make an active decision to do so by running a special toolkit available through Windows. Anyone who has previously been offered a browser upgrade by Microsoft and explicitly refused it will also be exempt from the new updating regime.

New Policy to Roll out in 2012, by Country

The program will launch first in Brazil and Australia, and will then be rolled out gradually across the rest of the world during 2012. The country-by-country approach is designed to deal with the wide variations in browser change requirements.

For example China, where an estimated 28 per cent of people use Internet explorer 6, will probably be left until the program has been run successfully in other countries. (Source: bbc.co.uk)



(Continued on page 5)

A Little More of This and That

(Continued from page 4)

A little more info about Windows 8 surfaces.

by John Lister in *infopackets.com*

Microsoft has announced it will include two single-button options in Windows 8 to help users cope with a serious computer crash. Both will reinstall Windows, including one option that allows users to retain some data.

Windows 8 to Include Panic Buttons, Assist Reinstall

The buttons will be accessible within normal Windows operations. But if problems with Windows 8 become serious enough that a user can't get into the operating system, the two new system recovery buttons will also be available in Windows RE (recovery environment).

The recovery environment is a standalone menu that PCs can load even when they aren't able to boot the full Windows operating system (OS). (Source: msdn.com)

Secondary Option Allows Boot from USB

Users of Windows 8 will also be able to load a USB memory stick with the Windows recovery environment, so that if the computer crashes and is not bootable from the hard drive, they will be able to start their machines from the USB stick and quickly access the two new recovery buttons.

Both of the new recovery buttons will reinstall Windows.

Windows 8 Refresh Button Could Save Documents

The first recovery button is labeled "Reset" and effectively wipes the hard drive and reinstalls Windows 8 from scratch. This will destroy all user data previously stored on the hard drive, and is therefore considered a last-resort solution.



Microsoft has also suggested this option could be used by people planning to pass their computer on to a new user, who are therefore seeking an easy way to make it "like new," and completely from scratch.

The second recovery button, labeled "Refresh," is designed to minimize the loss of user data. It carries out a more complex operation: copying some data to a spare section of the hard drive before reinstalling Windows, then making the saved data available within the restored system.

The saved user data will include Windows passwords and user accounts, as well as most Windows settings, personal data, and documents. The "Refresh" process will also let users keep all applications installed via Metro, the Windows 8 equivalent to a smartphone app store.

Old-Style Applications Must Be Reloaded

Users who "Refresh" their systems will need to manually reinstall any traditional desktop applications, however, because of the possibility they caused the system crash. (Source: theregister.co.uk)

According to Microsoft, a test on one PC took 8 minutes 22 seconds to "Refresh" and 6 minutes 12 seconds to "Reset." Those times compared favorably to the more than 24 minutes required to perform the same actions manually.

We've moved to 3659 S Hopkins Ave

Brevard PC Repair

www.BrevardPCRepair.com

Braden O'Keefe

Owner

321-427-5610

contact@brevardpcrepair.com

3659 S Hopkins Avenue Suite C
Titusville, FL 32780

.... Just south of Buck's Lawnmowers

Broadcom 802.11ac Wi-Fi chips hit CES 2012

by Dong Ngo January 5, 2012, Reprinted from www.cnet.com

Following a CES preview event last month, Broadcom today announced its first family of 802.11ac (also known as 5G Wi-Fi) chips, designed for a broad range of product segments.

The chipmaker says the new IEEE 802.11ac chips are three times faster and up to six times more efficient than equivalent existing 802.11n (known as Wi-Fi) solutions. This makes 5G Wi-Fi a major step up from the existing and popular 802.11a/b/g/n wireless solutions.

According to Broadcom, its 5G Wi-Fi chips will dramatically improve wireless range and data rates, allowing consumers to watch HD video, and transfer large amounts of data to and from more devices, in more places at once.

The fact that the chips make it possible to transmit a much larger amount of data than 802.11n devices in the same amount of time means that 5G Wi-Fi devices can enter low-power mode faster and more frequently, resulting in significant reductions in power consumption.

Broadcom's new family of 5G Wi-Fi chips consists of the BCM4360, BCM4352, BCM43526, and BCM43516. These chips share a number of common features, including:

- Support for 80MHz channel bandwidth that is twice as wide as current 802.11n solutions.
- A higher modulation scheme that increases data transfer efficiency.
- Support for standardized Beam-Forming technology that helps increase wireless range, penetration, and data rates.
- Support for Low Density Parity Check Codes (LDPC) and Space-Time Block Codes (STBC).

These chips, however, differ from one another in their performance tiers and interfaces. The BCM4360 is the top tier that supports the PCIe interface and implements three-stream 802.11ac specifications, offering speeds up to 1.3Gbps. The BCM4352 and BCM43526 implement two-stream 802.11ac specifications to reach up to 867Mbps, and

support PCIe and USB interfaces, respectively. And finally, the BCM43516 chip also supports USB interfaces, but with the single-stream 802.11ac implementation, it reaches speeds of up to 433Mbps.

Broadcom says that chips with the PCIe interface are designed for access points, routers, DSL/cable gateways, and PC products; chips that use USB are ideal for consumer electronics devices, such as televisions, set-top boxes, and Blu-ray players.

Per the 802.11ac specification, all of these new 5G Wi-Fi chips work with all legacy 802.11 standards and complement other wireless technologies, including Wi-Fi Direct, Bluetooth, and NFC.

Broadcom says that it's currently sampling 5G Wi-Fi solutions to OEM manufacturers and will be demonstrating 5G Wi-Fi capabilities at CES 2012. According to the company, consumers can expect to purchase 5G Wi-Fi-based products by the second part of the year.



Broadcom's new 802.11ac 5G Wi-Fi chips were showcased at CES 2012.

Read more: http://www.cnet.com/8301-33372_1-57352574/broadcom-802.11ac-wi-fi-chips-hit-ces-2012/#ixzz1jwPEcmZ

What's up with the next iPad?

Kim Komando Tip of the Day for 1/5/2012

Q I want to buy a new iPad, and I think I remember hearing that they are coming out with a new one soon. Do you have any information? I don't know if I should wait or not.



A The iPad 2 is an excellent piece of technology, and still the best tablet out there. If you don't have one already, it's a good purchase.

As you've discovered, though, many people are becoming hesitant to pull the trigger on an iPad 2. The fear is that the rumored iPad 3 will appear soon and make it outdated.

It's worthwhile to remember that all Apple rumors are highly speculative. Since it's such a popular company with some very loyal fans, Apple's every move, or imagined move, is endlessly analyzed and debated. There are entire websites dedicated to this speculation.

Last fall, the tech world was awash with rumors and claims about Apple's forthcoming amazing, spectacular, stupendous iPhone 5. When the big moment came, Apple gave us the much less-impressive iPhone 4S instead.

Currently, the rumors about the iPad 3 are just as plentiful. The latest, which is very unlikely, is that Apple is releasing the next iPad at the end of January. And not just one new iPad, but two different versions!

Apple does have a press event scheduled for later this month, but the topic probably won't be iPads. And given Apple's historical aversion to releasing multiple model versions, I'm not buying the two-iPad rumor.

Of course, some speculate that an iPad will appear on Feb. 24, the late Steve Jobs' birthday. Again, I find that unlikely. Most analysts believe the next

iPad - one version only - will be released near the end of the first quarter of 2012, around late March.

So with all this speculation, what is the iPad 3 rumored to have that the iPad 2 doesn't? Longer battery life and a faster processor are what you'd expect for a newer piece of technology. There's some talk of a higher-resolution display as well.

One weakness of the iPad 2 that Apple will likely fix is the camera. Although Apple isn't very clear about it, the resolution of the rear camera is an very anemic 0.9 megapixels.

By contrast, the iPhone 4S and some of the iPad's competitor tablets have an 8 MP sensor. The next iPad will really have to step things up.

Many speculate the forthcoming iPad will be slightly thicker than the iPad 2, which will still make it amazingly thin. And it will likely support the iPhone 4S's most impressive piece of technology: the Siri voice-activated personal assistant.

Honestly, that doesn't sound like much of a game-changer. In fact, it might end up being the iPad 2S.

The big question is if you should wait to find out. Well, it's really up to you. If you're waiting, ask yourself why.

The next iPad might turn out to be revolutionary. Is that what you're waiting for? The iPad 2 is already the best tablet out there, and will last you several years. It's fast, reliable and loads of fun! There's really only one reason I'd consider waiting.

There are rumors that Apple will continue selling the iPad 2 with a price under \$300, in light of the Kindle Fire's \$200 price tag. For savings like that, the wait could be worth it if you don't need the tablet right away. Whenever it happens - a new iPad or a price drop on the perfectly good current one - just expect to stand in line for a while with other Apple fans!

Copyright C 2012 WestStar TalkRadio Network. Reprinted with permission. No further republication or redistribution is permitted without the written consent of WestStar TalkRadio Network.

Seven things I learned at CES 2012 ...

(Continued from page 10)

sets--and didn't come away lusting after either one. The LG, at least when I saw it, was displaying gimmicky 3D videos, which made it hard to judge how good it would be for anything else. And the video clips I saw on the Samsung were way over-saturated, giving everything an artificial, candy-colored effect that reminded me of some OLED smartphones.

Windows Phone was the mobile platform of the year. At CES 2011, Android devices such as Motorola's Xoomtablet and Atrix phone generated a huge amount of buzz. This year, however, I heard more chatter about Windows Phone--especially Nokia's promising Lumia 900. For awhile now, folks who have tried Windows Phone have been impressed by it; now even industry types who haven't used it seem to have a favorable impression. It'll be fascinating to see if Microsoft can translate all that goodwill into the one thing Windows Phone doesn't have: meaningful market share.

Android 4.0 Ice Cream Sandwich *still* isn't the current version of Android. At least if "current" means that you can safely assume it will come preinstalled on brand-new devices. Upcoming phones such as Droid Razr Maxx will ship with 2010's Android 2.3 Gingerbread, with the promise of an Ice Cream Sandwich upgrade at a future date.

Once again, it isn't the year of the tablet. At CES 2011, Motorola's Xoom and RIM's BlackBerry PlayBook got so much attention that it would have been rational to expect that non-iPad tablets were about to chip away meaningfully at Apple's head start. A year later, though, the market has changed surprisingly little. And while there were plenty of new tablets at CES 2012, most of them didn't make much of a splash. The most newsworthy one was probably Samsung's Galaxy Note--a pocket-size device that's either a tablet-esque phone or a phone-like tablet.

3D TV is no longer cool. I'm not saying that it's a failure, but for the most part, TV companies weren't pushing it as *the* future of home entertainment. (LG's extremely 3D-centric booth was an exception.) As Samsung's press conference, for instance, Boo-Keun

Yoon, president of the company's consumer electronics division, said that Samsung is "continuing to invest heavily" in 3D TV. But the press conference emphasized Internet connectivity, not 3D.

Thunderbolt is making progress. The connectivity standard, invented by Intel, is pretty darn neat. Until now, however, it's only shown up on new Macs and a handful of peripherals. That's why I was happy to see it figure in several announcements at CES. Acer's Aspire S5 Ultrabook, for instance, is one of the first Windows computers with a Thunderbolt port. Seagate showed off adapters, due in January, that turn its external drives into Thunderbolt drives. And Western Digital gave a sneak peek of Thunderbolt disks it plans to ship by mid-2012.

Gesture and voice input could be CES 2013's biggest story. Using body motion and voice to control consumer-electronics devices was a mini-trend at this year's show, thanks to debutantes such as Microsoft's Kinect for Windows and Samsung's TV with gesture and voice control. I'm betting that both types of input will get lots more attention at next year's conference--especially if the conventional wisdom that Apple is working on a TV with Siri voice control turns out to be true.

I came back from CES 2012 feeling smarter about the consumer-electronics industry, and better prepared for the year to come. That's all you can ask of an event like this. It's more than enough to keep the show valuable even in an era when giant trade shows are an endangered species.



TCC Web Site News

By Dr. Al Koller



I have renewed the tccweb.info domain for three more years but declined renewal of the [.us](http://tccweb.us) domain because of cost - about \$20 a year with no discounts. The tccweb.us domain will not expire until 11/15/12, so we are good to go for nearly all this year.

We should migrate to the [.info](http://tccweb.info) domain over the next ten months. That domain is good until 2015.

Windows Live

Reprinted from Wikipedia.org

Windows Live is the collective brand name for a set of services and software products from Microsoft, part of their software plus services platform. A majority of these services are Web applications, accessible from a browser, but there are also client-side binary applications that require installation. There are three ways in which Windows Live services are offered: Windows Live Essentials applications, web services, and mobile services.

Microsoft said that Windows Live "is a way to extend the Windows user experience". Windows Vista provides a link in its user interface to download *Windows Live Messenger*, and Windows 7 saw the removal of applications such as *Windows Mail*, *Windows Photo Gallery* and *Windows Movie Maker* and replaced with the *Windows Live Essentials* suite, a software package that allows the downloading and installation of similar offerings from Windows Live. Microsoft announced that Windows 8 will see Windows Live apps included right out of the box, and will include built-in synchronization technologies powered by Windows Live SkyDrive.

Besides Windows Live, which is mainly aimed at individuals, there are some other Web properties



from Microsoft that are branded as "Live": Xbox LIVE multiplayer gaming and content delivery system for Xbox and Xbox 360, and the Games for Windows - LIVE multiplayer gaming service for Microsoft Windows. Another "Live" service, Office Live, was converged into Windows Live during the Wave 4 update, when Microsoft merged the Office Live into the Windows Live team back in January 2009.

**Demo For February 23, 2012
DEMO MEETING**

Come, Join in on Family Research



**P.O. Box 897
Titusville, Fl.
32781-0897**

Meets 1st Tues. of each month 6 to 8 PM

At North Brevard Public Library

Visitors Welcome

Club Meetings

Club meetings are held on the 2nd and 4th Thursday of each month starting at 7:00 PM. We meet at St. Gabriel's Episcopal Church "Bldg 418" at 418 Pine St., Titusville (in the southwest corner of St. Gabe complex). Everyone is welcome.

Article Contribution

If you wish to contribute an article for publication in this newsletter, please submit the article no later than the 1st club meeting of the month. Articles may be given to the editor at any club meeting or e-mailed to the editor (TerryTeddallSr@yahoo.com). Articles are subject to editing.

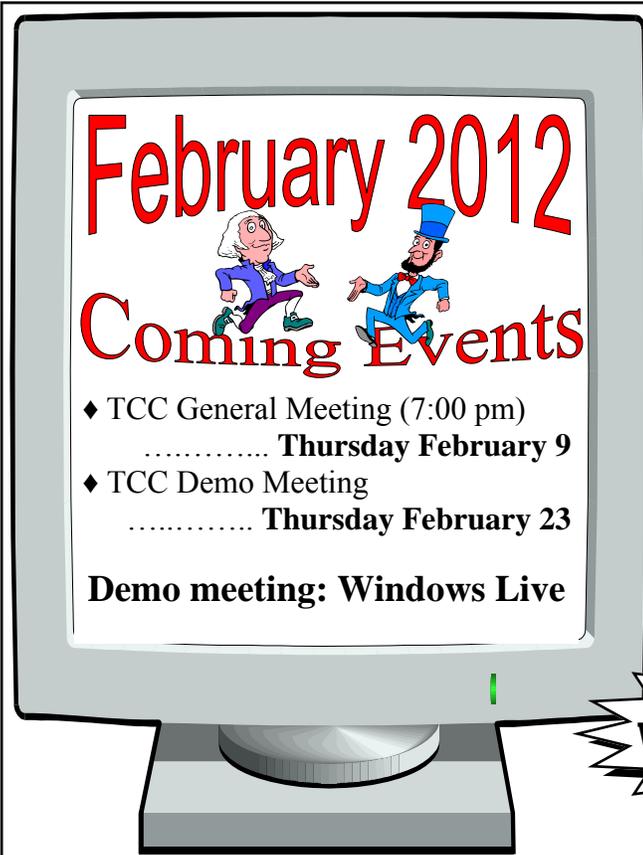
Advertising Rates

Size of Ad	1 Month
Business Card	\$5.00
1/4 Page	\$10.00
1/2 Page	\$15.00
Full Page.....	\$25.00

Ads must be submitted by the 1st Club meeting of each month in order to be included in the following month.

Support our Advertisers





Titusville Computer Club Inc.
 Editor: Terry Tesdall
 5801 Hummingbird Ct
 Titusville, FL 32780



www.tccweb.info

What's Inside

From the Prez' Lips	1
Demo Meeting Schedule	1
Club Officers & Directors	2
2012 Dues Are Now Payable	2
Photo for Membership Card	2
Meeting Minutes Jan 12, 2012	3
Little More of This and That	4
Broadcom 802.11ac Wi-Fi chips hit CES 2012	6
What's up with the next iPad?	7
TCC Web Site News	8
Window Live	9
Club Info	9
7 things I learned at CES 2012 ...	10

Advertisers

NovaTech Computers	2
Brevard PC Repair	5
Genealogical Society	9



Seven things I learned at CES 2012

by Harry McCracken, CNet News, *www.cnet.com* January 15, 2012

At many major tech conferences, one big story--a product, technology, or trend--dominates the entire show.



CES 2012 --- the International **Consumer Electronics Show** in Las Vegas --- was not one of those events. Intel's Ultrabook was the closest thing there was to a show-dominating topic, but in the end, what I was struck by was the diversity of stuff on display at the Las Vegas Convention Center and surrounding venues. And in some cases, the no-shows were as interesting as the products that *were* there.

Herewith, a few of the lessons I took home with me after four jam-packed days in Vegas:

Giant OLED TVs aren't inherently amazing. It's a long-standing CES tradition for TV makers to try and out-do each other with demos of high-end big screens that won't wind up in many living rooms anytime soon. This year, the makers in question were LG and Samsung, which had 55-inch OLED TVs at their booths. I checked out both

(Continued on page 8)