

eJournal of the **TuCS** COMPUTER SOCIETY



December 2014 Volume 31 – Number 12

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Cover image: *Christmas Red and Green*

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December General Meeting

Monday, December 15, 2014 6:00PM

Pima County Medical Society

5199 E. Farness Drive, Tucson AZ

(Tucson Medical Park, off Grant and Rosemont)

Meet and Greet Our SIG Leaders at Our Annual Holiday Party!

SIG stands for "**Special Interest Group.**" The Tucson Computer Society has three SIGs: a *Windows 10/Hardware* SIG, a *Computer Pros* SIG and a *Linux* SIG.

Each SIG has a leader or two who conducts one meeting during each calendar month. This General Meeting will provide you with an opportunity to discuss our three SIGs with their respective leaders.

President's Message

Happy Holidays from Tucson Computer Society! We will be having our annual Holiday get together at PCMS (see above) December 15th starting at 6:00PM. Please invite any friends, co-workers and family you'd like to introduce to the Tucson Computer Society.

We will be having raffles, food, dessert and great conversation with your fellow member. This is a fun time of year, so please come share in the festivities. Donations will be accepted to help pay for the food and beverages.

Please spread the word to your co-workers and friends as this is a great event to network and share your passion of technology. Please RSVP to adam@tucsontechsupport.com with your guest count as soon as you are able. I look forward to seeing you there.

Adam Dellos, TCS President
adam@tucsontechsupport.com
(520) 762-7614 (Office)

Tucson Computer Society

Purpose: The **Tucson Computer Society**, a tax-exempt Nonprofit 501 (C) (3) Arizona Corporation, provides a forum for members and the general public to improve their knowledge about computer-related subjects applicable to PCs.

Membership: Membership is open to all. Membership applications are available on the TCS web site www.aztcs.org. Annual dues, payable in advance, are:
Individual \$24 Family/Household \$36

Member Updates: Report your change of address and/or e-mail address to TCS, Membership Records and the **eJournal** by e-mailing tcscoa@aztcs.org.

Meetings: General meetings are held on the third Monday of each month at Pima County Medical Society, 5199 E. Farness Drive, Tucson AZ. The Main Session covers a topic that is followed by break-out sessions for more in-depth details and one-on-one questions about that main topic.

Events & Activities: A wide range of Special Interest Groups (SIGs), regularly scheduled Classes and Workshops and Special Activities are listed in the **eJournal** and posted at www.aztcs.org.

Management: The Board of Directors has general supervision and administrative authority over the affairs of TCS. The entire Board may be reached via TCSboard@aztcs.org. TCS Members are invited to attend the monthly Board of Directors meetings. Meeting dates, times and location are posted on the TCS Calendar of Events.

eJournal: The **eJournal** is an electronically produced and distributed publication. The **eJournal** provides information about Tucson Computer Society meetings and activities, and reports the latest trends and products for personal computer (PC) users. It is published one week prior to the General Meeting.

Copyright: The **eJournal** is protected under copyrights held by the **Tucson Computer Society**. Copyrights to individual articles are held by the respective author(s).

Reprint permission is given to nonprofit organizations, provided credit is given to TCS and the author, and a reprint of the article is sent to TCS.

All product names or services identified throughout the **eJournal** are trademarks of their respective companies.

Articles: Members are encouraged to submit articles and photographs. Deadline is the day of the previous general meeting. Submit by e-mail to journal@aztcs.org. Acknowledgment is by e-mail reply.

All submissions are subject to editing, both for clarity and to fit available space. All articles, reviews, reports, etc., are limited to 1,000 words, unless prior arrangements are made with the editor. For specifics on formats, layout and other requirements contact the Editor at journal@aztcs.org.

eJournal Advertising:	1 Month	3 Months	6 Months
Half Screen 5" x 8"	\$ 35 \$25	\$95 \$70	\$170 \$128
Quarter Screen 5" x 4"	\$ 20 \$15	\$55 \$40	\$100 \$75
Eighth screen 2.5" x 2"	\$ 10 \$8	\$ 28 \$20	\$50 \$38

Discounted rates for members are shown in red.

Payment must be received at TCS no later than the 15th of the month prior to the month of insertion. The **eJournal** is published monthly prior to the General Meeting. Content and style are subject to approval.

Submit advertisements in digital format (PDF, TIFF, PSD, AI, JPG) to journal@aztcs.org. Send payment to:

TCS Advertising Staff
4951 East Grant Road
Suite 105, PMB 322
Tucson AZ 85712

Disclaimer: Views and advertisements expressed in the **eJournal** are those of the individual authors/vendors and do not necessarily reflect those of TCS.

TCS Listserv: The TCS Listserv is one of TCS members' greatest benefits. It is a forum for members to seek advice and discuss issues 24/7. Acceptable topics include anything related to technology. Members engaging in off-topic or unwelcome behavior may be subject to removal from the TCS Listserv. Instructions on subscribing, tips and Listserv etiquette are at <http://www.aztcs.org/activities/listserv.shtml>.



TCS Members Helping Members

ACCOUNTING SOFTWARE

QuickBooks, TurboTax John Blumberg 290-0000 John@JohnBcpa.com

DATABASE SOFTWARE

dBase Paul Scott 881-8283 waterhorse@ultrasw.com

DESKTOP PUBLISHING

InDesign Donna Kamper 751-0061 donna@kamper.com

DIGITAL IMAGING

Photoshop, Elements Donna Kamper 751-0061 donna@kamper.com

GENEALOGY

The Master Genealogist Carol Andrews 795-1479 carollea@dakotacom.net

LANGUAGES

Assembly Paul Scott 881-8283 waterhorse@ultrasw.com

BASIC Jon Griebel 749-5395 jdgriebel@aol.com

C Jon Griebel 749-5395 jdgriebel@aol.com

C++/C++ Builder, COBOL, Delphi, Pascal Paul Scott 881-8283 waterhorse@ultrasw.com
C++, C, Python

LOCAL AREA NETWORK

Networks Peter Ireland 907-2757 pireland@pireland.com

Networks Daniel M. Vance 797-2225 daniel@vancesystems.com

Novell Networks Daniel M. Vance 797-2225 daniel@vancesystems.com

OPERATING SYSTEMS

DOS Jon Griebel 749-5395 jdgriebel@aol.com

Linux Paul Scott 881-8283 waterhorse@ultrasw.com

Windows XP, Vista, 7 Peter Ireland 907-2757 pireland@pireland.com

Windows XP, Vista, 7 Daniel M. Vance 797-2225 daniel@vancesystems.com

SPREADSHEET SOFTWARE

Excel John Kamper 751-0061 john@kamper.com

TCS WEBSITE VOLUNTEER

aztcs.org Sharbel Pio 732-0861 sammieswebdesigns@gmail

WORD PROCESSING

Word John Kamper 751-0061 john@kamper.com

TCS Directors, Managers and Coordinators

Executive Directors

President Adam Dellos 762-7614 adam@tucsontechsupport.com

Vice-President *presently vacant*

Secretary Ken Sandock 298-4677 ksandock@comcast.net

Treasurer George Harding 298-6861 actuary110@yahoo.com

Member at Large Paul Scott 881-8283 waterhorse@ultrasw.com

Member at Large Dennis McCormick 321-9577 macsinitial65haus@gmail.com

Member at Large Robert Thompson 290-1444 rltjr@cox.net

Managing Directors

Membership Coordinator Rick Rolland 405-2123 rickrolland@websbest.com

Membership Bernard Bell 393-3415 bbell13@cox.net

Program Director *presently vacant*

SIG Coordinator Myron Dungey 319-0946 mdungey@ultrasw.com

Webmaster Paul Scott 881-8283 waterhorse@ultrasw.com

Tucson Computer Society mailing address:
Tucson Computer Society
P.O. Box 14802
Tucson AZ 85732-4802

SIGs (Special Interest Groups)

Myron Dungey, Interim SIG Coordinator, mdungey@ultrasw.com

Find a Special Interest Group for YOU!

The Tucson Computer Society offers you much more than just General Meetings on the third Monday. Special Interest Groups give our members multiple opportunities to develop their computer skills throughout the month.

There have been multiple changes to both SIGs and their meeting dates/times. **Double-check the [website calendar](#) to be sure.** For more information about a particular SIG, including location details, click its name below to open that SIG's page on the TCS website.

Tucson Computer Society SIG meeting place:

Pima County Medical Society
5199 E. Farness Drive, Tucson AZ
 (In the Tucson Medical Park
 off Grant Road and Rosemont Avenue)

Windows 8.1/Hardware and Linux SIGs meet at the **PCMS** site.

The Computer Pros SIG meets at
Biscuits Country Cafe
 7026 E. Broadway

Contact SIG Leaders for specifics.

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
First				Windows 8/ Hardware 6:00PM			
Second							
Third		TCS General Meeting 6:00PM				Computer Pros 7:00AM	
Fourth	Linux 3:00PM						

Don't forget to download your printable copy of the current [Calendar of Events](#)

Computer Technology Conference

Mark your calendar

Get ready for the fourth annual **Computer Technology Conference!** Check out www.CompTechConf.com for all the details.



Registration is now open. What are you waiting for? This premier conference will be held February 19 – 21, 2015 at the beautiful **Arizona Golf Resort** in Mesa.

Need help with your computer, smart phone or tablet? Interested in current and future technology? Computer club leader or member? Want to get your questions answered? There will be something for everyone, regardless of your preferred platform or level of expertise.

You will have many networking opportunities with PC, Mac & Linux attendees—computers, tablets and smart phones, take your pick of conversations. Want to learn more about what's available in the marketplace? Come to the conference!

Classes will include *Windows 8.1 & Surface*, *Facebook Basics*, *Quicken Secrets*, *Windows 10*, *You and Your GPS*, *Computer Forensics*, *Cloud Computing*, *iPad Tips & Tricks*, *Android*, *Avast* and much, much more. Check out the website www.CompTechConf.com for more info.

Invite your friends, family, in-laws, out-laws . . . everyone is invited.

All platforms

Learn about the latest technology – attend informative, educational classes and workshops.

Lunches included

Special **Microsoft Store** field trip with demos! Goodie bags! Snacks! Drinks! Surface Pro door prize! (Check www.CompTechConf.com for when registration for this special event is open.)

Hospitality Suite – Thursday through Sunday

Photo Contest

Attend the Vendor Expo and purchase the latest and greatest the industry has to offer.

Join people who share your interests in a relaxing atmosphere. Exchange ideas and have a good time while attending.

Network with leaders in the field.

Linux Install Fest on Saturday

Raffles, door prizes, special pricing and goodie bags.

Conference fee

\$50 daily rate if registered and paid by January 28th.

\$89 special rate – bring up to two friends who haven't attended the conference in the past and the registration fee for all three of you is \$89 apiece.

\$99 full conference if registered and paid by January 28th.

\$125 if registered and paid after January 28th through the conference.

Use your PayPal account or pay by check.

Resort Amenities

\$95/night, single or double with reservations made by January 28th.

Includes extensive hot breakfast buffet for two (\$25 value).

24-hour fitness center.

Complimentary WiFi throughout the resort.

Complimentary daily newspaper at the front desk.

Registration questions? Contact Sandra Hart by e-mail at registration@CompTechConf.com.

General questions? Contact Patricia Hill by e-mail at AZCompTechConf@AOL.com or telephone 480/895-2196.

What's New!

George Harding, georgehardingsbd@earthlink.net

CEAInnovate!

I attended a program put on by CEA, the parent organization that produces the Consumer Electronics Show, presented in Las Vegas the beginning week of January.



The program included a session called Technology Trends to Watch in 2015. It covered some of the hottest subjects today: 3-D printing, the Internet of Things (IoT), Big Data Analytics, Digital Health and Entertainment.

The panel on 3-D printing stated that the technology for home use is not mature and someone trying to use the reasonably priced models available today will have difficulty using them to do anything significant. The business versions, however, are very useful. The latest James Bond movie blew up a golden Aston Martin. It was created from a 3-D printer! It was actually a miniature, but was, nevertheless, an accurate replica on the car. The panel anticipates high growth in this product area over the next few years, as more uses are found for creative projects.

The Internet of Things refers to the universe of applications which connect devices to the Internet resources without constant human interaction. There are many examples of this already in place: refrigerators advising you of the need to replace food; the many home situations that can be controlled by remote devices like smart phones; wearable technology to monitor and measure your health quality; GPS mapping in automobiles; self-driving cars. The current state of IoT has just begun and will expand dramatically in the future, according to the panel.

Big Data Analytics refers to the collection of usage data from you and others, in order to analyze and predict actions. This may identify the products you want more efficiently, to broaden product categories to better satisfy customers and increase sales and profits. Whether you know it or not, you are surrounded by Big Data collection and analysis. Every time you

use a credit card, the data associated with the purchase goes to combine with other data to better serve our needs and the needs of business. An associated issue is that of privacy. There is as yet no consensus about whether Big Data is good or bad, whether it should be allowed or controlled in some way.

Digital Health is also known as Wearable Tech. This is a fast developing field, with quite a large number of products already on the market. The continued development will be in making products do more and do it better. It may go from the ability to track and measure health and fitness to actual diagnosis of disease.

Entertainment is big now, of course, but it shows no signs of slowing down. The personal game devices and the online gaming continue their rapid growth. What is just starting its big growth is the streaming of movies and shows. The trend is driven by the growing reluctance to be tied to a television set for one's entertainment.

It will be very interesting to see how these areas develop and grow over the next decade.

Tech Armor case for iPhone6

There are many cases available for the new iPhones. One of the best is Tech Armor's case for iPhone6 (there's also one for the iPhone6 Plus).

The new iPhones are different in several ways: thinner, larger and with screen that is rounded at the edges. The Tech Armor case handles all of these.

Not only is it attractive, being a steel gray color, but it is tough enough to protect you phone from bumps, drops, scratches and knocks.

The case has a slightly rough surface, making it easy to grasp and hold.



The cutouts for the various buttons are well done, making it easy to press the buttons when needed.

The back is clear plastic, hard and protective of the iPhone back. The case does not come with a screen protector, but Tech Armor has that, too.

The case comes with a lifetime warranty and is reasonably priced.

About: Tech Armor case for iPhone6

Vendor: Tech Armor
www.techarmor.com

Price: \$15, screen \$7

Ventev

This company produces wireless infrastructure products and mobile accessories. I was provided with several of the mobile accessories to test.

Powercell 6000. This external battery can be easily charged in any wall socket. The back of the charger has two prongs which fit the wall socket and fold into the charger case. You can charge one or two mobile devices with the built-in USB sockets, one providing 1 amp output at 5 watts, the other 2.1 amps at 10 watts. The higher capacity output can be used for a tablet, or a smart phone. In fact, you can charge two mobile devices at the same time, if needed. Price \$75.

Dashport r900. This is a charger, too, but designed to be used in your car. It plugs into the power outlet in the car's dash and provides power whether or not you are near an outlet. It comes with a cable for standard USB connection and also micro-USB. Price \$40.

Chargesync cables. There are several versions of this product, but each is designed to connect your mobile device to its charger or to another type of charger. What's really great about these cables is that they are flat, which

means that they do not get tangled up like the round ones. They come in different colors, too. Whether you have an iPhone with 30-pin connection or one of the newer iPhone 5 or 6 cables, or even something else, you'll be able to find one of these cables for you. Price: \$15 - \$25

About: Ventev
www.Ventev.com

WeMo by Belkin

We've known Belkin for many years for electronic gear, but they recently opened a new product area for exploration, capitalizing on the use of the Internet to connect disparate things, the so-called Iot (Internet of Things).

I received their WeMo LED Lighting Starter Set for review. It contains two light bulbs and a Link device, plus a set of very brief instructions.



The light bulbs are equivalent in illumination to 60 watt tungsten bulbs. We have been urged to replace tungsten bulbs with CFL (compact flash light) bulbs, with the incentive that illumination is equivalent but electrical usage is much lower. The bulbs in this kit are LED and go further in reducing electrical usage.

The bulbs look like what we're used to, but have some wizardry inside to allow connectivity through the Internet.

So, what does the kit do for you? It allows you to control two light fixtures separately and to turn each off or on at specified times, on specified days.

The procedure is to plug the Link into a wall socket. An LED comes on to tell you that it's connected. Next, you replace an existing bulb in a lamp or other fixture with one of the WeMo bulbs. You can use both bulbs in the same fixture (a chandelier, say) or in two separate fixtures. Each is controlled separately.

Next you download the WeMo app. There is one for Apple as well as Android. You next connect through the app to the WeMo network, then to your home or office network. Once this is done, the app searches for devices. When it finds the bulbs, it stores them and takes you to a page where you can set up your rules.

The rules involve On time, Off time and day(s) of the week. There is also an Away From Home setting, which is different from the standard setting. One other feature is the ability to fade in or out when the bulb turns on or off.

With the bulbs and the app, you have control over your lighting, no matter where you are, provided you have WiFi, 3G or 4G service.

Belkin has other devices in the WeMo line: Light Switch, Switch/Motion, Crock Pot, Holmes Heater, Holmes Humidifier, Mr. Coffee and Holmes air Purifier.

About: WeMo

Vendor: Belkin
www.belkin.com/us

Price: \$100, additional bulbs \$30



Front Cover



Ocotillo in bloom
(Fouquieria splendens)

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TCS Member Incentive Program

What is it?

It's YOU!

A current member of the *Tucson Computer Society* sharing the value of your membership with others.

Have you ever posted a question to the ListServ and received an answer that saved you money (or time)? Or maybe learned something by just reading others' postings?

Have you ever enjoyed a presentation at a SIG or General Meeting? How many times have you learned something you'd not otherwise have known or discovered tricks in your own software – all due to your TCS membership?

Be honest now – surely you aren't the only person you know with that same curiosity, the same questions or a similar need. Help others you know by giving them the gift of knowledge. Members with three new members to their credit in a twelve-month period will receive a reward.

Your reward?!?

(besides that warm fuzzy feeling?)

A \$50 Gift Certificate.

So *share* TCS. Your friends will thank you *and* you gain \$50!

– Grow the Society –

; WIN – Expand Others' Knowledge – WIN !

www.aztcs.org

What's New!