

Sandwich
Computer
Users Group

Scug News

January 2013

Newsletter of the Sandwich Computer Users Group

WWW.SCUG.ORG

Last Month

Last month's meeting was our annual SCUG Christmas Party. Thank you to all who attended, it was a good turn out and lots of fun, despite the weather.

January Program ~ Show & Tell

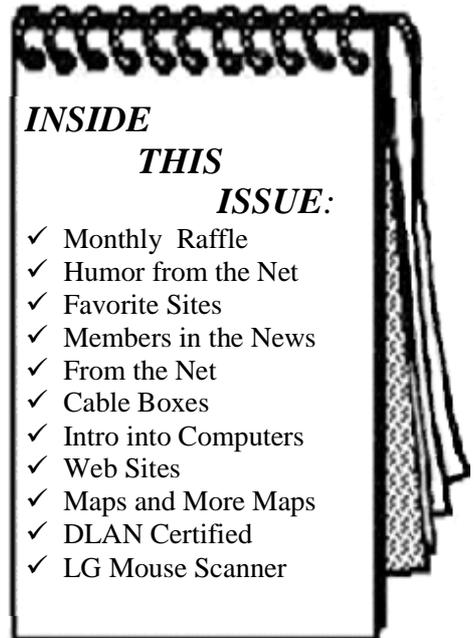
We need everyone's help. Our program for January is a "Show and Tell" about the new tech or gadget items you may have purchased or received in the past year. We need members to bring your item to the program and tell us what it is. If you got a gift or gadget that is not tech related, but may be interesting to our members please bring it and talk about it.

It will be pretty boring if you have to listen to me talking all night about the socks I got for Christmas. So don't be shy and bring something to talk about. You only have to share a little information about your gift.

We meet at the Federated Church in Sandwich 403 N. Main Street on the third Thursday of each month at 7:00pm, our next meeting is January 17th. The meeting is a great place to learn about computers and meet new friends. Visit our web site at www.scug.org for more info. Membership forms are available at: http://www.scug.org/About_us.htm

Upcoming Programs

If you would like to do a program, have an idea or suggestion for a program; please share it with a Board Member.



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Hours:

Mon-Fri 8:00 a.m.— 6:00 p.m.

Sat 9:00 a.m.— 3:00 p.m.

Sunday Closed

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January Birthdays

1/12 Marlene Hundt
1/15 JoAnn Harkins
1/15 Dottie Olson

1/14 Bob Olson
1/15 Cindy Kaminky
1/27 Myrna Skopek

February Birthdays

2/18 Larry Knobloch
2/21 Jim Weekly
2/28 Joan McEachern

2/24 Danielle Pearson
2/29 Julie Pearson



Indian Valley Computer Services

704 E. Church St. • Suite B • Sandwich, Illinois 60548

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Monthly Raffle

January Raffle

Welcome to the 2012 Monthly Raffle.

Wow, another year! Where does the time go? Hope to see you all at the January meeting. I am interested in hearing what Santa got you in the electronics line.

Buy early and often. Again this year, offering 6 tickets for \$5.00 or \$1.00 each.

See you there! Looking forward to it!

*Debbie Olson
The Raffle Queen*

Humor from the Net

Generations

- People born before 1946 were called The Silent generation
- People born between 1946 and 1964 are called The Baby Boomers
- People born between 1965 and 1979 are called Generation X
- People born between 1980 and 2010 are called Generation Y

Why do we call the last group Generation Y?

- Y should I get a job?
- Y should I leave home and find my own place?
- Y should I get a car when I can borrow yours?
- Y should I clean my room?
- Y should I wash and iron my own clothes?
- Y should I buy any food?

Favorite Sites

For those of you with tablets, watch this video to see what their full potential is.

<http://www.youtube.com/watch?v=GSq7D6aX4dl>

Jake D.

Interesting Internet Finds

Steve Costello, President/Editor,
Boca Raton Computer Society, Inc., FL
November 2012 issue, Boca Bits
www.brccs.org
<http://about.me/sefcug>
editor (at) brccs.org

In the course of going through the more than 200 news feeds in my Google Reader, 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 October 2012.

Long URLs shortened with the Google URL shortener
<http://goo.gl/>

The Best Three Public Domain Clipart Galleries
<http://goo.gl/DGNMq>

5 Best FeedBurner Alternatives for Your WordPress Blog
<http://goo.gl/dP5Da>

HTG Explains: How Antivirus Software Works
<http://goo.gl/Yjp38>

Why I bought my wife a Mac
<http://goo.gl/FDzmM>

How to Get Free Movies Online - Legally
<http://goo.gl/jc8Nw>

Secrets for successfully narrating a presentation
<http://goo.gl/US14m>

Members in the News



One of our members, his son and his grandson were honored by receiving invitations to display their vehicles at the Muscle Car and Corvette Nationals show this past November. Jake Dykstra had his car

displayed in the Class of 1962 50th Anniversary Display, his son's car and grandson's bike were displayed in the Class of 1972 40th Anniversary Display. Jake has a 1962 Chevy Impala 409, his son, Jake Jr., has a 1972 Chevy Malibu and his grandson, Jacob, has a 1976 Schwinn Stingray bicycle.

One of the most popular annual features of the Muscle Car and Corvette Nationals show has been the "Invitational" displays. Each of these very special gatherings draw the absolute best of the best in the muscle car world, hand-picked by the MCACN team. For 2012, the MCACN team once again created several "shows within the show" with something to excite nearly all fans of high-octane Detroit muscle.



Kicking off the show was the 40th Anniversary "Class of 1972" display. Showcasing the "Top Dawg" muscle machines of the '72 model year, with W-30's, HO-455's, CJ's and 440's to name a few. Although by '72 performance was indeed

not the biggest selling point for the big three, manufacturers still had a few tricks up their sleeve. Another Anniversary display stepped back 50 years, to 1962 with "The Class of '62." This one featured many of the big-body performance cars and several very special Corvettes. There were Super Stock Dodges and Super Duty Pontiacs too. For the vintage Nascar enthusiasts, a special "Aero-Warriors" gathering focused on the race inspired aerodynamic automobiles produced by Dodge, Plymouth, Ford and Mercury. This is when things got really outrageous, with sky-high wings and extended noses. These were some of the wildest production cars ever produced, including the Plymouth Superbird and Ford Talledega.

<http://www.youtube.com/watch?v=oBSOjjs9z2E&feature=plcp>

From the Net

"It has to be true, I read it on the Internet."

- ALABAMA - Was the first place to have 9-1-1, started in 1968.
- ALASKA - One out of every 64 people has a pilot's license.
- ARIZONA - Is the only state in the continental U.S. that doesn't follow Daylight Savings Time.
- ARKANSAS - Has the only active diamond mine in the U.S.
- CALIFORNIA - Its economy is so large that if it were a country, it would rank seventh in the entire world.
- COLORADO - In 1976 it became the only state to turn down the Olympics.
- CONNECTICUT - The Frisbee was invented here at Yale University
- DELAWARE - Has more scientists and engineers than any other state.
- FLORIDA - At 874.3 square miles, Jacksonville is the U.S.'s largest city.
- GEORGIA - It was here, in 1886, that pharmacist John Pemberton made the first vat of Coca-Cola.
- HAWAII - Hawaiians live, on average, five years longer than residents in any other state.
- IDAHO - TV was invented in Rigby, Idaho, in 1922.
- ILLINOIS - Has a Governor in jail, one pending jail & one of the most corrupt state in the union!
- INDIANA - Home to Santa Claus, Indiana, which get a half million letters to Santa every year.
- IOWA - Winnebago get their name from Winnebago County. Also, it is the only state that begins with two vowels.
- KANSAS - Liberal, Kansas, has an exact replica of the house in The Wizard of Oz.
- KENTUCKY - Has more than \$6 billion in gold underneath Fort Knox.
- LOUISIANA - Has parishes instead of counties because they were originally Spanish church units.
- MAINE - It's so big, it covers as many square miles as the other five New England states combined.
- MARYLAND - The Ouija board was created in Baltimore in 1892.
- MASSACHUSETTS - The Fig Newton is named after Newton, Massachusetts.
- MICHIGAN - Fremont, home to Gerber, is the baby food capital of the world.
- MINNESOTA - Bloomington's Mall of America is so big, if you spent 10 minutes in each store, you'd be there nearly four days.
- MISSISSIPPI - President Teddy Roosevelt refused to shoot a bear here ... that's how the teddy bear got its name.
- MISSOURI - Is the birthplace of the ice cream cone.
- MONTANA - A sapphire from Montana is in the Crown Jewels of England.
- NEBRASKA - More triplets are born here than in any other state.
- NEW HAMPSHIRE - Birthplace of Tupperware, invented in 1938 by Earl Tupper.

NEW JERSEY - Has the most shopping malls in one area in the world.

NEW MEXICO - Smokey the Bear was rescued from a 1950 forest fire here.

NEW YORK - Is home to the nation's oldest cattle ranch, started in 1747 in Montauk.

NORTH CAROLINA - Home of the first Krispy Kreme doughnut.

NORTH DAKOTA - Rigby, North Dakota, is the exact geographic center of North America.

OHIO - The hot dog was invented here in 1900.

OKLAHOMA - The grounds of the state capital are covered by operating oil wells.

OREGON - Has the most ghost towns in the country.

PENNSYLVANIA - The smiley, (:) was first used in 1980 by computer scientists at Carnegie Mellon University .

RHODE ISLAND - The nation's oldest bar, the White Horse Tavern, opened here in 1673.

SOUTH CAROLINA - Sumter County is home to the world's largest ginkgo farm.

SOUTH DAKOTA - Is the only state that's never had an earthquake.

TENNESSEE - Nashville's Grand Ole Opry is the longest running live radio show in the world.

TEXAS - Dr. Pepper was invented in Waco back in 1885. The Hamburger was invented in Arlington, Texas in 1906.

UTAH - The first Kentucky Fried Chicken restaurant opened here in 1952.

VERMONT - Montpelier is the only state capital without a McDonald's.

VIRGINIA - Home of the world's largest office building... The Pentagon.

WASHINGTON - Seattle has twice as many college graduates as any other state.

WASHINGTON D.C. - Was the first planned capital in the world.

WEST VIRGINIA - Had the world's first brick paved street, Summers Street, laid in Charleston in 1870.

WISCONSIN - The ice cream sundae was invented here in 1881 to get around Blue Laws prohibiting ice cream from being sold on Sundays.

WYOMING - Was the first state to allow women to vote.

I hope you enjoyed this. I found it interesting!!!

Cable Boxes

After writing about Comcast's rate increases last month I decided to reduce the number of cable boxes in my home without affecting my entertainment experience. I found that by replacing my Happauge WinTV-DCR-2650, (a dual tuner CableCARD receiver) with a HDHomeRun Prime CableCARD tuner that I could turn in one box and reduce my cable bill by \$9.95 a month (\$119.40 per year).

The Happauge WinTV-DCR-2650 is a dual HD tuner that attaches to a computer by USB cable whereas the

HDHomeRun PRIME is Ethernet attached with 3 HD tuners in a single box. Once the HDHomeRun PRIME tuner is connected to your home router you can access the HDHomeRun tuners from any computer, anywhere in your home. Watch / Record TV from you Family Room / Kitchen / Garage / Backyard, anywhere you have a computer connected to your network. Fact is, it can stream Live TV to 3 computers at the same time, each with a different channel.

As a side benefit, SiliconDust has announced its three tuner HDHomeRun Prime CableCARD is a certified DLNA Digital Media Server (DMS). What that means is, that it is capable of streaming to Live TV to any DLNA certified Digital Media Player (DMP). Many of the new TV's are DLNA certified so if you had 3 DLNA TVs you could receive your content from the HDHomeRun Prime instead of 3 cable boxes. Here's the math: 3 cable boxes @ \$9.95 a month = \$358.20 for the year versus \$9.95 - \$2.50 credit (for your own box) = \$89.40 for the year. That's a yearly savings of \$268.80, the HDHomeRun Prime would pay for itself in 6 months.

Now for the bad news, none of my TVs are DLNA certified. But rest assured I have a new acronym and logo I'll be watching for (DLNA).

For more info about DLNA read the article "*DLNA certified*" in this NL or on the web at:



http://en.wikipedia.org/wiki/Digital_Living_Network_Alliance

Jerry G.

Intro to Computers

Introduction to Computers

By Brian Aldridge, President, Idaho PC Users Group
 November 2012 issue, Bits and Pieces
www.BiteOfTech.com
www.idahopcug.org
 brian (at) idahopcug.org

Computers are incredibly powerful tools in today's society. They are able to perform calculations requiring a vast amount of information in mere seconds while also being able to carry out other tasks by the user.

What is a computer?

If you look in the dictionary printed before 1940, you might be surprised to find a computer defined as a person who performs calculations. Machines also performed calculations back then, but, they were referred to as calculators, not computers. Today a computer can allow its user to complete incredible tasks and projects in a quick and efficient manner, while also making the output look professional. The computer is the 21st century's most powerful tool for both the home and

the office and is becoming more and more popular as units become more and more inexpensive.

Learning to use computers is a challenging experience, but also a rewarding one. The computer is a very valuable and powerful tool that is changing in performance and usage on a daily basis. Software packages are changing and becoming more powerful to keep up with society's demands. Today, almost anything is possible to do with a computer, and tomorrow brings even more promise.

When I use a computer system, what components could it include?

Monitor - The primary output device on a microcomputer. It is the screen.

Case - The box that contains the main circuit board of the computer system.

Hard Disk Drive - Stores billions of characters on a non-removable disk platter inside of the computer system.

Keyboard - The primary input device. It includes the letter and number keys as well as several additional keys to control computer-specific tasks.

Mouse - A pointing device that you use to manipulate objects on the screen.

Power Supply - Unit that provides power to the entire computer system.

Fan - Controls airflow through the case.

IDE/SATA Cable - Connects HDD, CD/DVD Drive, and similar devices to the motherboard.

CD/DVD Drive - Unit that can read and possibly write removable digital media.

Memory - Stores commands from user for immediate processor use. Motherboard The motherboard houses all connections to all system unit parts. (i.e. HDD, Memory, CD/DVD Rom, etc.)

Sound Card - The sound card is an add-on card that when connected to the motherboard can allow a speaker, microphone, joy stick type connection to the computer.

Video Card - The video card is an essential add-on card that provides a connection between the monitor and the motherboard.

NIC - A NIC (Network Interface Card) provides a connection from the network router/hub/switch to the motherboard. This add-on card links the computer to the server by way of a network interface.

Network Cable - A cable that connects the NIC to the router/hub/switch.

Power Cable - A power cable is used to connect the power supply of the computer to an AC outlet.

USB - USB (Universal Serial Bus) is a standardized cable that connects computer peripherals such as keyboards, pointing devices, cameras, printers, disk drives, and much more to a computer.

Why does a computer need software?

A computer without software is like a body without a brain. The body has a purpose, but has no idea what that may be. Software is a bridge between the user and the computer that allows our commands to be carried out. Without software, we would have to create a new program for each task we wished to carry out.

How is using a microcomputer different from using a mainframe? A microcomputer is a unit built to support a single user at a time, while a mainframe is a "bank" of computers built to support the microcomputers or any other computer driven mechanical uses.

For example, a microcomputer is called a "PC" or Personal Computer. You can find this type of computer in a home or office environment, while a mainframe is the power behind a business or government's computer needs. "Micro or Personal means small of stature while "Main" means primary or powerful.

Help, Tutorials, & Manuals

No class can ever teach you all you could ever know about using computers or everything about one software package. Accessing the help in Microsoft Windows software will provide reference information.

You may access this by going to the menu bar and selecting help or by pressing the F1 key. Type in your question, and if it isn't answered, select the index in the help feature. Type your question again, and scroll through the selection until you find a word that may match your question. Select this word and select "Display". If this doesn't meet your needs, you may find Google search as an excellent source of help.

Learning to use computers is a challenging activity, heightened by the fact that computer hardware and software change rapidly. Just when you master one software package, a new one appears. You are challenged again to learn something new. Happily, you will discover that many concepts you have learned previously carry over to new hardware and software technologies. To maintain a good attitude about computers, it is important to view the learning process itself as an interesting challenge. Approach this challenge as if you were a detective gathering information, making a hypotheses, exploring and testing your hypotheses, and when you've solved one case, looking forward to the challenge of the next.

Web Sites Recommended

Some Web Sites

I have seen Recommended

Lynn Page, Editor/Webmaster
Crystal River Users Group, FL
October 2012 newsletter
www.crug.org
lpage46 (at) tampabay.rr.com

This is a list of sites that I have seen recommended. Some I have visited and the others have been recommended by people I trust.

Vocabulary

The Test Your Vocab is a website provides statistical data about people's vocabulary. It's designed to estimate how many words you know while collecting valuable research. In the three part check the box next to each word you can define. The site needs to know how old you are, how much you read and whether English is your first language. The site then estimates how many words you know!

www.testyourvocab.com

Books

Open Library is a wonderful site for those who like to read. It is attempting to catalog every book. A book's page has information on the book, the author and relevant links. Even better many of the books on Open Library are available for free download or you can borrow e-books from an electronic lending library.

www.openlibrary.org

Games for the Brain

Counterfeit from Games for the Brain a simple spot-the-difference game. Just spot and point out the difference between two classic paintings before time runs out.

www.gamesforthebrain.com

Capitol Flags

The United States Capitol accepts requests for the flags that fly over the Capitol. The program has expanded to include flags of different sizes. Each one is issued a Certificate of Authenticity by the Architect of the Capitol after it has flown. To own a Capitol flag contact your congressman, who can make the request on your behalf. Prices range from \$13.25 to \$22.55 depending on the size. Plus you have to pay for shipping.

www.capitolflags.gov

Maps and More Maps

Maps, Maps and more Maps

Mary Stewart, Member
ICON Computer Users Group, MO
October 2012 issue, The ICON Newsletter
www.iconusersgroup.org
macstew8 (at) sbcglobal.net

Patti Hobbs, from the Ozark Genealogical Society, recently demonstrated Google Maps as an aide to locating and pinpointing places our ancestors lived. It is another helpful tool to unraveling our past.

For more help in locating our ancestors, or if you just like maps, try The David Rumsey Map Collection. This collection contains more than 150,000 maps. The collection focuses on rare 18th and 19th century maps of North and South America, although it also has maps of the World, Asia, Africa, Europe, and Oceania. The collection includes atlases, wall maps, globes, school geographies, pocket maps, books of exploration, maritime charts, and a variety of cartographic materials including pocket, wall, children's, and manuscript maps. Items range in date from about 1700 to 1950s.

There are now over 33,000 items online, with new additions added regularly. The site is free and open to the public. Here viewers have access not only to high resolution images of maps that are extensively cataloged, but also to a variety of tools that allow to users to compare, analyze, and view items in new and experimental ways.

The website is <http://www.davidrumsey.com/about>

DLNA Certified



The Digital Living Network Alliance (DLNA) is a non-profit collaborative trade organization established by Sony in June 2003 that is responsible for defining interoperability guidelines to enable sharing of digital media between multimedia devices. These guidelines are built upon existing public standards, but the guidelines themselves are private (available for a fee). These guidelines specify a set of restricted ways of using the standards to achieve interoperability.

DLNA uses Universal Plug and Play (UPnP) for media management, discovery and control. UPnP defines the type of device that DLNA supports ("server", "renderer", "controller") and the mechanisms for accessing media over a network. The DLNA guidelines then apply a layer of

restrictions over the types of media file format, encodings and resolutions that a device must support.

As of January 2011, over 9,000 different devices have obtained "DLNA Certified" status, indicated by a logo on their packaging and confirming their interoperability with other devices. It is estimated that more than 440 million DLNA-certified devices, from digital cameras to game consoles and TVs, have been installed in users' homes.

The DLNA Certified Device Classes are separated as follows:

Home Network Devices:

- **Digital Media Server (DMS):** These devices store content and make it available to networked digital media players (DMP) and digital media renderers (DMR). Examples include PCs and network-attached storage (NAS) devices.
- **Digital Media Player (DMP):** These devices find content on digital media servers (DMS) and provide playback and rendering capabilities. Examples include TVs, stereos and home theaters, wireless monitors and game consoles.
- **Digital Media Renderer (DMR):** These devices play content received from a digital media controller (DMC), which will find content from a digital media server (DMS). Examples include TVs, audio/video receivers, video displays and remote speakers for music.
 - Note: it is possible for a single device (e.g. TV, A/V receiver, etc.) to function both as a DMR (receives "pushed" content from DMS) and DMP ("pulls" content from DMS)
- **Digital Media Controller (DMC):** These devices find content on digital media servers (DMS) and play it on digital media renderers (DMR). Examples include Internet tablets, Wi-Fi enabled digital cameras and personal digital assistants (PDAs).
- **Digital Media Printer (DMPr):** These devices provide printing services to the DLNA home network. Generally, digital media players (DMP) and digital media controllers (DMC) with print capability can print to DMPr. Examples include networked photo printers and networked all-in-one printers

Mobile Handheld Devices

- **Mobile Digital Media Server (M-DMS):** These wireless devices store content and make it available to wired/wireless networked mobile digital media players (M-DMP), digital media renderers (DMR) and digital media printers (DMPr). Examples include mobile phones and portable music players.
- **Mobile Digital Media Player (M-DMP):** These wireless devices find and play content on a digital media server (DMS) or mobile digital media server (M-DMS). Examples include mobile phones and mobile media tablets designed for viewing multimedia content.
- **Mobile Digital Media Uploader (M-DMU):** These wireless devices send (upload) content to a digital media

server (DMS) or mobile digital media server (M-DMS). Examples include digital cameras and mobile phones.

- **Mobile Digital Media Downloader (M-DMD):** These wireless devices find and store (download) content from a digital media server (DMS) or mobile digital media server (M-DMS). Examples include portable music players and mobile phones.
- **Mobile Digital Media Controller (M-DMC):** These wireless devices find content on a digital media server (DMS) or mobile digital media server (M-DMS) and send it to digital media renderers (DMR). Examples include personal digital assistants (PDAs) and mobile phones.

Home Infrastructure Devices

- **Mobile Network Connectivity Function (M-NCF):** These devices provide a bridge between mobile handheld device network connectivity and home network connectivity.
- **Media Interoperability Unit (MIU):** These devices provide content transformation between required media formats for home network and mobile handheld devices.

The specification uses DTCP-IP as "link protection" for copyright-protected commercial content between one device to another.

See full DLNA info at:

http://en.wikipedia.org/wiki/Digital_Living_Network_Alliance

LG Mouse Scanner

LG Mouse Scanner

Scanning couldn't be simpler with a mouse and scanner in one. Just click the scan button and swipe the bottom of the mouse in any direction over a document. It gets digitized and sent to your computer screen. Then edit, save and share. It's fast, flexible and fun. Plus, the compact, lightweight LG LSM-100 scanner mouse comes in handy for travel when you can't fit a scanner in your laptop bag. It's as small as... well... a mouse.



LG Mouse Scanner is the world's first mouse with an embedded scanner function that offers convenience, mobility, and simplicity to users. Now users can perform OCR editing of scanned files as well as sending them as e-mails, SNSs and mobile phones. From the offices of global companies to daily life, the LG Mouse Scanner will transform scanning into a much easier and more convenient task.