

Volume 26, No. 5

May2008

# Utah Computer Society Monthly Report

www.ucs.org

This Month's Meeting: Wednesday 7th at 7 pm

Check Out the Review of Copy2Go Professional Software and Storage Solution on Page 4

# This Month's Presentation



# Randy Julander presents "Snow Survey and Water Forcasting"





# I Need One of These for My Brain! (?)

Researchers at HP Labs have discovered the existence of the "memristor," electrical circuits that might lead to computer systems with memories that never forget.

Memristor is short for "memory resistor." They consume less power than current systems, and computers based on the memristor would not need to be booted up.

If I had one of these in my brain, my poor memory would disappear, and, maybe, I wouldn't need a cup of coffee in the morning to get me started! But then again, I might need XP or Vista to run it, and I don't want Microsoft in my head.

## I Phone Advances

A University of California professor is working on an small imaging machine that somehow connects to a regular cell phone. It would send images to a doctor or hospital for a speedy diagnosis of a problem. I would be a boon to remote parts of the world where medical assistance is in short supply. It would also speed up things in the US as well. A quick diagnosis of a suddenly severe problem will save lives.

Perhaps someone someday will find a way to include the scanner in your cell phone. Then, for example, if you think you broke your leg, you could "x-ray" it, send it to a doctor or hospital and get a professional opinion quickly. They could then send you (or talk to you) information as to what steps you could take to alleviate the situation.

Some researchers have already developed wireless Band-Aids containing RFID chips that transmit information to a cell phone.

It is speculated that when (not if) this cell phone connection comes to fruition, it will greatly reduce emergency room visits and provide better and quicker relief to any emergency.

# Gone Phishing, See the Sign Upon the Door

Last week the Internet Crime Compliant Center issued a warning about a phishing scam designed to steal your personal information using the tax rebate check as bait.

Recent Trends The phishing messages claim that the best and fastest way to get your rebate is through direct deposit. They even include a Web link to a site designed to fool you into believing that providing your personal data will speed your rebate.

It even includes a fake IRS message that warns you that failure to submit information may delay the rebate.

These pirates are getting more devious every day. I received a suspicious E-mail a few weeks ago from "Hallmark Cards" that told me that a card was waiting for me and all I had to do to view it was click on a button. When I clicked on the button to "view" it, a box came up asking me where to download the .exe file! I quickly shut it down with (I hope) no ill results. I immediately ran my virus scanner, spybot, etc. and was told I was clean.

The E-mail looked very official and real -- Hallmark logos, good graphics, etc. Let this be a lesson to you and me -- BE VERY CAUTIOUS. WHEN IN DOUBT, DON'T!

# **Insect Instructions**

The latest science-fiction movie has nothing on the latest device for fighting on the front lines. It is a bug.

It is a robot that looks like a bug and is as small as a bug. It has a small camera and sensors able to detect chemical, biological or radioactive weapons.

They can be thrown in a building, cave, etc., and send back information to the troops. Sort of gives new meaning to the phrase "don't bug me!"

Finè

# Blue Chips Magazine



# "Utah's Award Winning Publication"

### Magazine Staff

Editor — Cliff Millward	955-9633
Review Program Liaison — James Alexander	250-2269
Review Product Editor — Donna Nendell	565-9594
Review Editor/Product Recruiter — Don Nendell	565-9594
Photography — LeRoy Johnson	
Proof Reader — Larry Lamph, Doug Jackson	

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Ad costs	1 month	3 months	6 months	12 months
2 Page Spread	\$150	\$400	\$700	\$1200
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Full page size is  $7\frac{1}{2} \times 10$  inches. All other page sizes are based on a 7 x 10 inch page in order to conform to editorial style. Half-page ads may be 7 x 5 inches or  $3\frac{1}{2} \times 10$  inches. Quarter-page ads are  $3\frac{1}{2} \times 5$  inches. Business card ads are  $3\frac{1}{2} \times 10$  inches.

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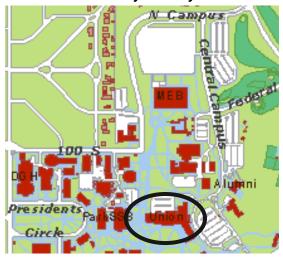
### Submissions

Members are encouraged to submit text articles for publication in **ASCII** text only. Photos in .TIF or .JPG format only. Line graphics, tables, in almost any vector or .TIF format. *Do not imbed graphics or tables in text files*. All articles must be received by the *15th* of the month preceding the month of publication. All articles become the property of the Utah Computer Society and by submitting an article, the author gives permission for the Blue Chips Magazine Staff to edit the submission. The author also gives permission for republication in other users groups' communications.

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# MONTHLY MEETING LOCATION 2nd Wednesday of every month



University of Utah, Union Building, 7:00 p.m.



# Charter Member of the Association of PC User Groups

Officers and Trustees	Eve. Phone	E-mail
President, Stuart Gygi	576-1891	sgygi@xmission.com
V. Pres., Larry Lamph	571-2908	larry.lamph@gmail.com
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Doug Jackson	322-2337	cjackson104@hotmail.com

### Information

Persons or companies may join or renew at the meeting, or by sending a check payable to the Utah Computer Society to:

Utah Computer Society Membership Secretary P.O. Box 510811 Salt Lake City UT 84151

Individual memberships are \$25/year. Business Memberships are \$35.00 a year. Corporate sponsorships are available at two levels. Corporate Sponsors enjoy all benefits of membership including multiple individual membership and prepaid advertising coverage. Contact a Board Member for more information. \$10/year memberships without the magazine are available for students other family and Senior Citizen Center members

### Other important information:

Meeting Informationhttp://www.ucs.orgGroup Business (James Alexander)250-2269Magazine (Cliff Millward)955-9633Program Coordinator (James Alexander)250-2269Web Sitehttp://www.ucs.orgWebMaster272-8949Membership (evenings) (Bob)262-6045

# May Renewals

Bob Beaudoin
Douglas C. Davis
Larry W. Hirschi
Glen J. Parker
Norm Peterson

# CMS Part 1: Copy2Go Professional Software & Storage Solution

# Reviewed by Don Nendell

CMS Products, Inc.

3095 Redhill Avenue Costa Mesa, CA 92626 Ph: (714) 424-5520

CMS Web Site < www.cmsproducts.

com>

**Sales Department:** 

Hours: Open between Monday & Friday 8am - 5pm PST

**Toll-free phone:** (800) 327-5773

Ph: (714) 424-5520 (Option 2)

N. American Reseller Partners:

<a href="http://www.cmsproducts.com/resellers.asp">http://www.cmsproducts.com/resellers.asp</a> **CMS Support:** 

Hours: Open between Monday & Friday

8am - 5pm PST

Phone: (714) 424-5520 (Customer Service (Option 3)); (Technical Support (Option 2))

Fax: (714) 435-9411

**Online:** <www.cmsproducts.com/support> Email: support@www.cmsproducts.com (Allow one business day for support inquiries excluding weekends)

Copy2Go Professional Software System Requirements:

Intel Pentium or compatible processor 256MB RAM

35MB Available Hard Disk Space Windows XP - Vista Ready

Supported Image Formats: PNG, JPG, GIF & CRW image files

Supported Audio Formats: MP3, M4P, M4P, RA, ATRAC, SNG, WMA & RAM audio

Supported Video Formats: AVI, MP4, WMV, MPG, & QuickTime (QT) video files

Supported Doc Formats: XLS, PPT, TXT, WDB, VSD, DXF, MDE, DOC, PDF, SWF, GRF, AI, PST, WPS, ZIP, MPP & PUB

MSRP: The Copy2Go Storage Solution (USB storage drive) is offered in 60GB (\$159) and 100GB (\$219) capacities, and includes not only an Installation CDROM of Copy2Go **Professional Software and its User** Manual, they are *pre-loaded* on the Drive itself (Handy)

Copy2Go Professional Software is also offered as a standalone product in three (3) different flavors (versions): 1) CD - \$39.00; 2) Windows Download - \$29.00; and 3) Windows U3 Download - \$29.00

<Insert graphic \_01a\_CMS\_Prod-</pre>

### About CMS

CMS Products, Inc.(CMS), a world leader in content management and data backup tech-



nologies since 1983, has provided innovative backup/restore and storage systems for laptop and desktop computer users in more than 90 countries. They are a leading innovator in data backup, encryption and security. In addition to their extensive line of laptop hard drive upgrades, CMS recently introduced a full suite of data security products for business and consumer users. Their offering includes CE-Secure Vault Edition Pro (data encryption software) (See the CMS Part 2 Review in the June BCM) and the innovative ABS Secure line of fully encrypted portable backup secure solutions. By developing leading edge, easy-to-use products revolutionizing the laptop/notebook and desktop data backup/restore and storage industry, CMS has received global recognition because of its high quality, user-friendly product offerings. CMS Products supplies enterprise, government agency and educational institutions, as well as SOHO, consumers through national and international distributors and resellers.

### About CMS Products

CMS has sold more than two million units of software while installing more than four million complete storage solutions in 90-plus countries. The complete line of product offerings includes automatic backup solutions for both portable and desktop computers, RAID systems, backup and disaster recovery software, media management software, laptop/notebook hard drive upgrades and data transfer kits and high capacity desktop hard drives.

# **Update: The latest News From** Lake Woe-Be-Gone

Seems I'm writing this review just in the nick of time, CMS just got some competition. NOW HEAR **THIS!** This from a blog posted by Robin Harris (04/18/08) on ZDNet: Holographic storage ships next month! ( <http://blogs.zdnet.com/</pre> storage/?p=313&tag=nl.e550> also, there's an interesting accompanying 110 second video FYI, as well). "Even[r] since astronaut Dave Bowman disconnected the HAL 9000's holographic memory in 2001: A Space Odyssey techies have been wondering when we could buy real holographic storage. Now we know: May, 2008.... It is that value [InPhase Technologies' spec'd the optical media they use - a 5.25 inch clear disk in a cartridge - at 50 years] that justifies a price - \$18,000 - that will keep most of us from buying ourselves an early Xmas gift.... Perhaps in 15 years holographic burners will be \$50 and the media less than a \$1."





Whew! I'll stick with CMS' Copy-**2Go Storage Solution** (USB Drive) and their Copy2Go Professional Software, for now, thank you very much!

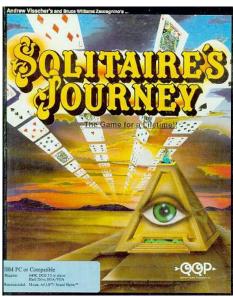


However, a couple of pertinent "*Talkback's*" concerning Harris' blog do beg repeating here, for some very obvious reasons. They are:

**First**. "When Pioneer first came out with their CDRW drives (1998) the price was \$50k. These [new holographic devices] are cheap in comparison. In 5 years ... there'll probably be a bigger[,] better [and] faster solid state (no moving parts) drive on the market though, making this one obsolete."

**Second.** "The problem with storage technology is that it becomes obsolete too soon for one reason or another (storage provider goes out of business, competing formats confuse the marketplace, a newer better format takes its place)." [**Psst!** That may be well and good, but I have all of that old stuff lying around still - being a first adapter/ reviewer, you know. Just to prove it to you, I've scanned in two (2) old boxes, the first of which, is possibly the first of the laser-based technology storage devices, Imation's 120MB Super Disk. It still works, of course. Note. It's the same size as the old 3 and 1/2" floppy



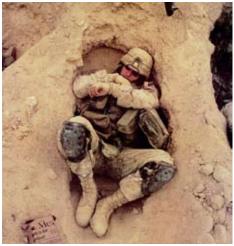


disk, remember those? BOH (Bit of **History**) Back on 2/13/94 Donna and I bought 300 recycled WordPerfect 3.5" Floppy disks (For a UCS Fund Raiser) for the unheard of price of \$0.15 each. And, to this very day, I'm still playing **QQP's** fantastic Solitaire's Journey on my Windows XP Pro **every single** day, since it came out more than 16 years ago (it's actually a Windows 3.1 version, you know). Yes, that "B" Drive still works very well, thank you! But, I digress; this is about storage, isn't it? Oh well! "Same song, different verse, could be better, could be worse!"

Third. "Remember, obsolescence is by design - not just in data storage media but in pretty much anything that's sold nowadays. They have to keep coming out with new stuff for us to buy and convincing us it's better than the old stuff, or they'd go out of business.... Not a coincidence." [FYI MBA's the world over are taught this underlying "Successful Business" principle. They even have a name for it. It's called: Planned Obsolescence.]

But, you don't have to wait that long for a great storage product to come along, it's already here. It goes by the name of CMS's Copy2Go Storage Solution (i.e., USB 2.0 External Hard Drive). And, it gives me great pleasure to review it for you here and now. What makes me most excited is not only what it does, but most especially the applications that come (and work) with it. They are: 1) Copy2Go Professional Software, and 2) (Optionally) also from CMS, CE-Secure Vault Edition Pro Data Encryption (See Part 2 next month). Hoo-aah!

BTW Did you ever wonder what that stands for? From Ghost



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Wars (2004), Steve Coll tells us it's, "Heard, Understood and Acknowledged!" as one derivation, and "I get it! Yes sir! Rock on!" as another.

BTW Here's the only "Gumment Employee" who definitely knows how to take back something that has been "stolen from him;" in this case, his sleep. "GOD Bless" them all. Hurry back home safely, our young heros! Well done! (See Security-Related News & Views 101 (cont.) - Outlets and Updated Information immediately following this review)



# About Copy2Go Storage Solution (USB Drive)

I must admit that it took me a little while to figure out the real (or imagined?) difference between a 2Go Drive (2GD) and a Copy2Go Drive (C2GSS). They can be synonymous (meaning they can be one-in-the-same function), alternatively, and more likely, they will be entirely unrelated, as the titles imply. Let me try to explain that conundrum for you.

# A Copy2Go Storage Solution (C2GSS) is the state-

of-the-art standalone USB 2.0 Hard Drive manufactured by CMS, **Duh!** It is sold in two (2) sizes, 60MB and 100MB. It is an extremely handsome piece of hardware, to



say the least. Plus, it comes with its own beautiful traveling case, as well. It works "Best" hand-in-glove with the **Copy2Go** Professional Software (C2GP) (BTW that's why C2GSS is named like it is, and what it is originally designed for, but, repeat **but**, it can be equally as effective as a standalone USB HD - exactly like any other USB 2.0 Storage Device). I'm making a fuss about all this, because this is my 17th USB Storage Device review here in BCM, and this one's a genuine beauty. Then too, simply because I really didn't fully understand the differences initially, because of the similarity of their names. Clear as mud, Right?

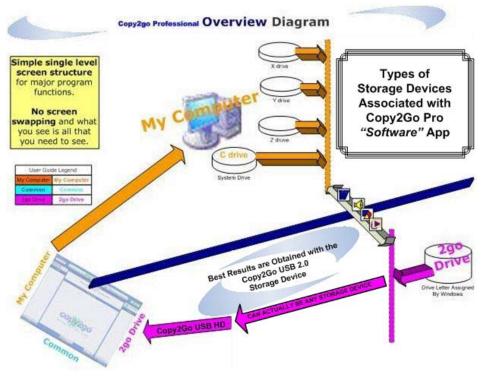


OK! Let's clear up the muddy waters a bit! The **2Go Drive** (**2GD**) is exactly what is says it is: It is "**The**," **repeat** "**THE**"**2Go Drive** located on the Right Hand (i.e., "**Storage Side**") side of the **Copy2Go Professional's** Simple "Intuitive" Interface. The My Computer ("C" Drive, et al.) is located on the Left Hand side of the **C2GP** Interface. **C2GP**'s Center Section is the "Common" View Area where the contents of your "On-going Project" are stored - at your "Beck and Call" - awaiting further action (See graphic and **C2GP** explanation below).

Whew! **C2GSS's** installation is a piece of cake. It's **exactly like** all other USB Storage devices today, except it's **prettier**. CMS provides a power cable in case your computer can't handle the **C2GSS**, but in this case you connect the cable to a **SEPARATE USB PORT**. The **C2GSS** comes pre-formatted as an NTFS volume. Once the C2GSS is seen in the 'My Computer" option of the Windows Start menu, you are ready to install the Copy2Go Professional Software (C2GP). BTW Minor inconvenience. You must have Microsoft Framework 2.0 installed on your computer. If you do not, C2GP will guide you through that too!

FYI. Any, repeat ANY, external USB Storage device can do the same job, push comes to shove, with minor exceptions (See below) - For example, "SIZE DOES COUNT, IN CASE YOU REALLY DIDN'T KNOW?" All the more reason to have a C2GSS, or two (2), the "Big Guy on the block!"

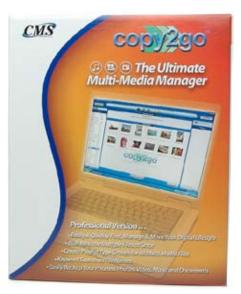




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Note. C2GSS HAS BOTH THE "Copy2Go" AND "U3Copy2Go" Applications pre-loaded on it. Therefore, it is not absolutely necessary to install C2GP from the Installation CDROM, nor purchase C2GP separately for \$39.00, etc. - which you can do BTW. Thought you might like to know that little tidbit? Also, the C2GP User's Manual (from off the CDROM) is pre-loaded on the C2GSS, so we don't have to dig out the CDROM again any time we have a question, or two.

**Guess what?** You're now all set for the "Big Gun," **Copy2Go Professional Software installation**.



# About Copy2Go Professional Software

Copy2Go Professional (**C2GP**) Multi-Media storage solution for Windows XP (and, it's also VISTA Ready): 1) Is the ultimate tool for managing important Multi-Media files. C2GP software allows users to find, view, select, edit. transfer and group Multi-Media creations including image files, video files, audio files and documents. A keyword search by genre is included, while the built-in slide show viewer enables users to move, manually or automatically, quickly between files within a directory; and, 2) Automatically searches internal and external storage devices including hard disks, memory drives, flash cards, CD/DVDs, digital cameras and MP-3 players, as well as, other removable storage devices to find and present Multi-Media files. Thanks to a single screen format and an intuitive layout, using the program and backing files up is a snap.

# Multimedia Management with





"Because of the explosive growth of irreplaceable digital photos, video, music and documents stored on computers today, we developed **Copy2Go** as a media management tool," explained Ken Burke, president, CMS Products. "**Copy2Go Professional** allows people to quickly and easily find their valuable photos and other data on their computer's internal hard drive, and then back that data up to the external **Copy2Go Storage Solution** [USB drive] for safe keeping." He continued, "no one wants to turn his or her com-

puter on and find that the drive has crashed and the photos, music files or documents are gone. Using **Copy2Go Professional** keeps all of those valuable files safe and secure."

# Why Use C2GP?

Hard drive capacities have grown tremendously over the years (See above) making it difficult keeping track of many image, audio, movie and document files. **C2GP** is specifically designed to easily locate these files that are often scattered among the hundreds of gigabytes of storage present on today's modern computer systems. Once located, these files then can be viewed, played, copied or even backed up to a mobile storage device such as an external hard disk, USB flash drive (UFD), digital camera or MP3 player, et al. C2GP uses a mobile storage device (Copy2Go Storage Solution (C2GSS), See above) to collect, backup, restore and manage files configured by users. C2GP serves as a content manager by providing a gateway, or digital bridge, between a portable or desktop computer running the Windows XP/ Vista OS and a wide array of storage devices.

More specifically, CMS Products' **Copy2Go Professional Multi-Media Xplorer** is the ultimate tool for managing your important Multi-Media files. Represented in a **Simple Intui-**

tive Interface, C2GP sports a very easy to navigate interface. With it, you can easily and quickly:

- 1. Perform All Operations Straight From That One Intuitive Screen. What's more, you can easily view photos or listen to previews of music files all from within C2GP;
- 2. **LOCATE** the files you want, click on them, and let **C2GP** send them to the **storage device of your choice**;
- 3. **FIND** your Multi-Media files in a flattened folder structure, eliminating the need to wade through multiple levels of buried and hidden folders. You can even do

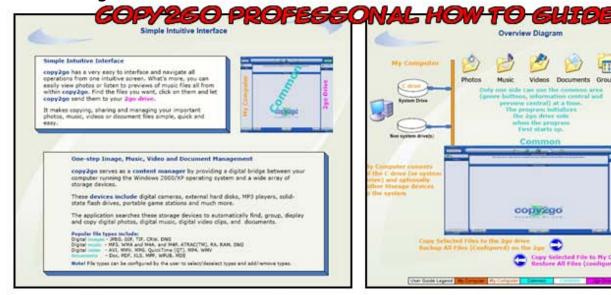
a keyword search on file names;

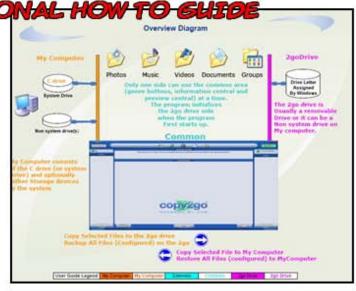
- 4. **VIEW** your Multi-Media files as thumbnails, *or expand your image to full screen* for a better view. The built-in slide show viewer allows you to manually (or automatically) move quickly between files within a directory;
- 5. **SELECT** your Multi-Media files using **C2GP**'s "Sticky Selection" feature. Select and maintain files across multiple folders without losing your previous selections. **C2GP** even displays how many files you have selected in each folder and offers the option of viewing all of the selected files at one time;
- 6. **EDIT** your Multi-Media files using whatever current application you are already using and are familiar with. With **C2GP** there is no need to learn new editing programs. You can even **Delete** a file(s), as needed or desired, from any selectable location. Use **C2GP**'s "bulk Rename" feature to quickly and easily change multiple file names at the same time. This is an especially important and extremely useful feature when dealing with sequentially numbered photos created by your digital camera;
- 7. BACKUP & RESTORE your Multi-Media files to almost any storage device attached to your system. C2GP supports transfers to hard drives, memory disks, flash cards and other removable storage devices (including C2GSS). C2GP incorporates a single backup button, making it easy to preserve your precious and irreplaceable photos and video, as well as music or document files; and,
- 8. **GROUP** your Multi-Media files to create related collections of your favorite files in **C2GP**'s relational database, which can even include different types of Multi-Media files within the same group. In **C2GP**, a Multi-Media file can exist in any number of groups.

Note. With apologizes to Ms. Browning (but I really do <u>like</u> this captivating, colorful and highly useful **C2GP** product very much), "How do I ... er, show thee? Let me count the ways..." Ugh!; -{ (However, you can actually see C2GP in operation for yourself by watching the CMS "Adobe Captivate" Video Demonstration of C2GP at (<http://www.cmsproducts.com/products/copy2go/demo.html> or at <http://www.cmsproducts.com/copy2go/Default.html>).

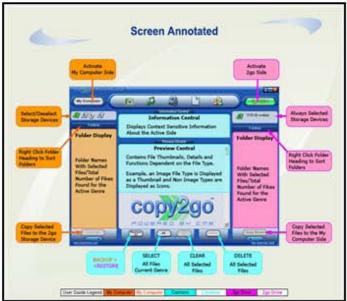


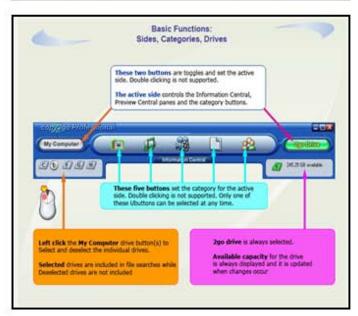
# It's Easy To Use - And Here's How

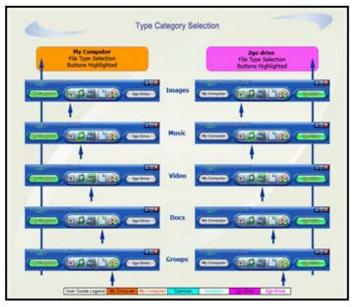






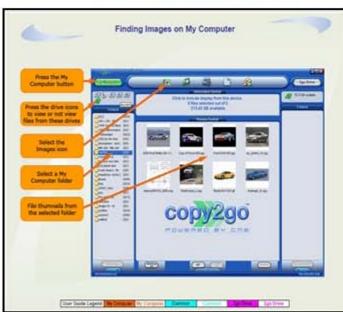




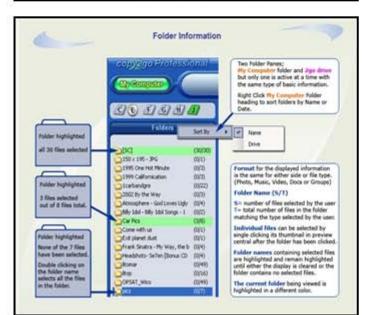


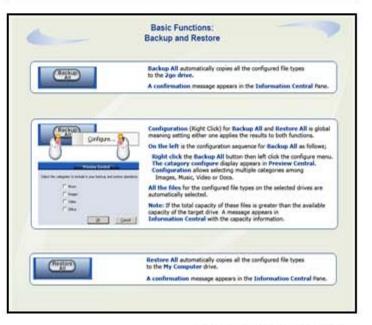












# In Summary

**C2GP** is extremely valuable in assisting me in locating graphics for these reviews, graphics that are scattered all over my computer. I mean "Scattered!" "Splattered!" It's "Tornado Alley" in spades out there, folks. Now with C2GP I am presented a thumbnail view of **ev**ery graphic I've ever put on my PC. I can even "Group" them. Pretty neat! Ha! I'll bet I've got thousands of the suckers. I have at least 200, or more. just for this month's reviews alone. The buggers are really piling up on me, it seems lately. For instance, I must have had at least that many graphics for last month's review (April) of Nero 8 Ultra Edition. And most likely, there were that many for Comic Book Creator 2.0. the month before that (March). And, I fully intend putting all of CMS's products on the C2GSS, plus other UFD's, as well, so that I can be entirely mobile, like when I go to Cliff's to put these reviews to bed, for instance. 60GB may, just may, handle all my review graphic stuff, but we'll just have to wait and see about that?

Then too, I'm getting a little ahead of myself here, I should be sharing the following summary with you at the Conclusion of the CMS Part 2 CE-Secure Vault Encryption Software review, which of course, comes next month. Say a little prayer for me in the meantime. I'll explain that one next month, "GOD willing and the creek don't rise?"



To continue. It's a little premature, however, here goes anyway - it's certainly worth telling. The acid tests, yes I said tests, came when I installed both Copy2Go Professional Software and CE-Secure Vault Pro (Encryption software) on three (3) different storage modalities (out of a possible 100+ UFD's I have to choose from) to see how they all worked together. They were: 1) Naturally, the host product reviewed herein, the CMS 60GB Copy2Go Storage Solution (USB HD); 2) The USModular 8GB USB Monstor Removable USB drive (See my October 2006 BCM review at <www.ucs.org>, remember to choose the .pdf version for its beauty); and, 3) The Sandisk 1GB U3 Cruzer Micro USB Flash Drive (See my December 2005 BCM review at <www. ucs.org>, again, .pdf version please). Which means, bottom line, I checked out two (2) different security-related storage products/devices out of the three (3) mentioned above, with my DYCRAV(tm) Security Suite, which gave it an added layer of obfuscation (i.e., security and stealthiness) (See my August 2006 BCM review at <www.ucs.org>, again, .pdf version please). Naturally, of course, they all worked perfectly. I couldn't be any happier, thank you very much. Kudos all around.

Hoo-aah!



# In Conclusion

See you next month with CMS Part 2 - CE-Secure Vault Edition Pro Data Encryption, the perfect complement to C2GP and C2GSS; the "coup de grace" to all other Security Storage solutions. It is then and there that we will really get deep into "Security," my best suit.

And, with a near-perfect segue - as we eagerly anticipate that significant "Security" review, as well as, the following review on the very next page, which *must obviously* be Security-based - I leave you with this quote from Robert Lewis Stevenson, who most surely must have been *pondering* the "Nemesis of All Security - *'Static'* Passwords, PIN's and UserNames," when he wrote, "You cannot run away from weakness; you must sometimes fight or perish."

Ciao!

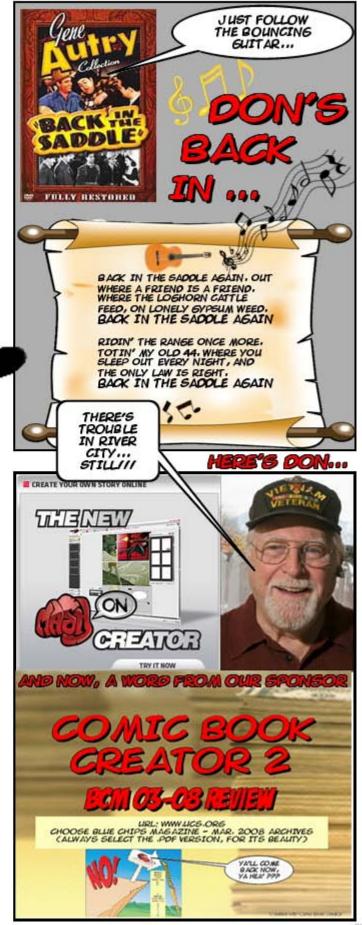


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# Security-Related News and Views 101 (cont.)

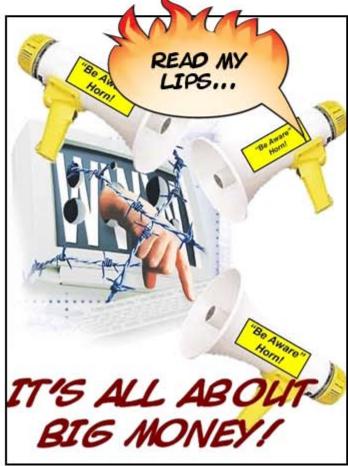


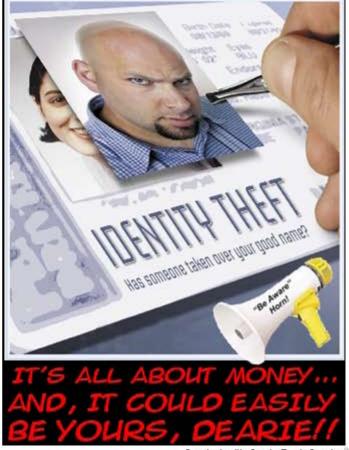




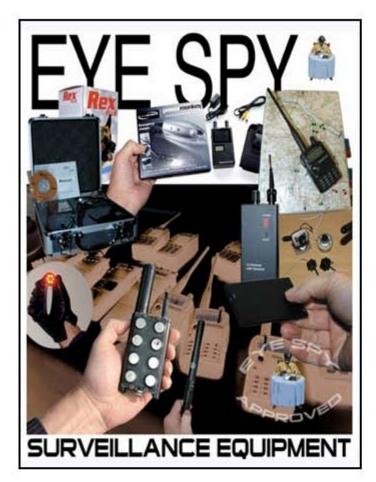


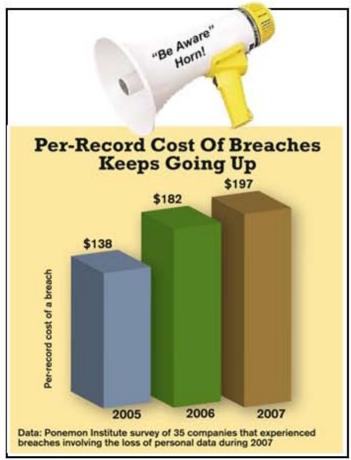


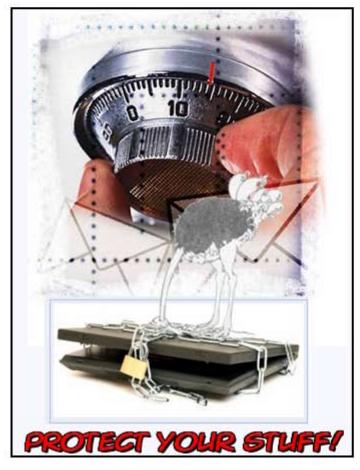




Created with Comic Book Creator









Created with Comic Book Creator



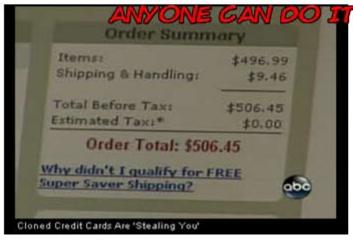














Created with Comic Book Creator™





ORIGINAL CARP IS NOW ON BLANK CARP -PIECE OF CAKE/ "GAS IS NOW DIRT CHEAP"











# Security-Related News and Views 101

Reviewed by Don Nendell

**Prolog** 

Yes, I'm back in the saddle again. It's been over six months now since my last Security 101 column, long enough, because, there's no turning back to "naivety," ever again; at least as long as "They" are out there out to get you. And "They" definitely are folks, make no mistake about it. This is not meant to be a scare tactic, it's simply a "Fact of Today's Everyday Life!" Get used to it, "It's all about money!"



# Security 1.0 Security Facts of Life

I would guess-t-mate that fully 50-75% of you out there reading this have very little, if any, to do with the day-to-day business world; "You're simply an End-user!" you say. Wrong! You're in the business world all the time, whether it's at the super market, on-line banking, chatting on your cell phone, accessing your PDA/laptop/Blackberry, or doing virtually any type of "mobile/telecomputing."



The catch? Truth be known, in the eyes of a potential thief, you are really *no different* than any other mobile employee of some business, or other. Thieves initially can't differentiate between the two of you sitting side-by-side in an airport using your mobile device(s), or at a Starbuck's remote terminal, or most likely, at any other public place either. "You **both** are targets of highly organized, absolutely diabolical, thoroughly unethical, illegal and debaucherous, and totally dedicated thievery." If you are careless about your activities in public - yes, even at home you have a target on you back that says, "Money!" And, in the end, that's what it's all about - "M-O-N-E-Y!"



It is understood that the business, aka, mobile worker, is **pounded on daily** while at work to strictly adhere to inhouse business

safety and security procedures at all times, repeat all times. However, most of us "naive" End-users don't have that constant reminder to be ever alert and safe in our day-to-day computing activities. Mobile workers fall into that identical rut the very instant they leave the confines of work. They, in effect, become just like us, the every day Enduser. They relax their vigilance because "Big Brother" isn't watching any longer, or so they seem to think. However, other "creeps" immediately take their place outside in the "Watch Zone!" You may recall the old B/W TV series, "The Twilight Zone with Rod Sterling?" Same difference - same results. "Boo! They Got You!"



"The mobile threat landscape is far and wide," writes Christian Perry (Securing The Mobile Worker: Don't Let Company Data Escape Through Em-Page 16 Blue Chips Magazine — May 2008

ployees, Processor Magazine, 4/18/08, p. 10. See the full article at <www.processor.com> ) In a Key Points Sidebar Perry stresses: 1) Protect devices. Mobile devices are easy to steal and serve as a gateway to confidential company [and your End-user] information; 2) Secure the home office. Telecommuters must remain as vigilant about data security at home as they do in the business office. The use of firewalls and regularly updated security software is a must ['nuff said End-users]; 3) Avoid eavesdroppers. Business travelers are easy prey for eavesdroppers, who can steal information from phone calls or device displays [like at the ATM, Supermarket, et al.] with little effort. Teach employees [this applies to all of us End-users] to keep displays away from roaming eyes and limit telephone conversations; and, 4) Be careful with public terminals. If they must use public computer terminals, employees [this means everybody] must log out of Web email and other login-mandatory programs before leaving the station [public libraries, Starbucks, et al.].

So, how does all this fit in with CMS's review products, which are: CMS's Copy2Go Pro USB Hard Drive and CE-Secure Vault Edition Pro: Data Encryption Software AES 256-Bit Protection.? That's Easy! These two (2) fit into the mobile computing arena absolutely perfectly, like a rich tailor-made pair of leather gloves.

# Security 1.1 Digital Data Security

More to our point here. From here on out, now and forever, "No Matter What Road You Travel With Digital Data, You'll Always Need Security." Naturally, we'll be discussing more on that subject of security all throughout Parts 1, 2 of this month's review.

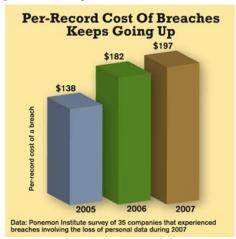


Thomas Huxley, who was instrumental in developing scientific education in Britain, is quoted as saying, "If a little knowledge is dangerous, where is the man who has so much as to be out of danger?" My experience, to date, dictates that this "State of Being" will never happen again in our lifetime, until, repeat until we can eradicate the extreme Islamist/ terrorist/subversive/radical/hacker/ malware-writer/ID thief, and that ilk. elements in our society. Which is never. As long as any peace-loving individual has to live in mortal terror for his/her life, limb family and property, we must be proactive against and ever-vigilant for wrongdoing everywhere. The noted US radio announcer and news commentator. Elmer Holmes Davis (1890-1958), counsels us: "The first and great commandment is: Don't let them scare you."

# Security 1.2 Google search "lose laptop"

Everyone surely knows that if you do a Google search on "lose laptop" you'll get a pretty good response. Ha! Little did I know. Please note, that although this portion of the review is being written on April Fool's Day, I assure you, this is not a joke. With 581,000 hits showing up in 0.28 seconds, and after going through the first 60 returns, I gave up in total disgust and shook my head vigorously. Nothing ever changes, it seems? Well, how can it, really? The End-users aren't the only ones who never change. Aha! That's why we're doing this!

More to the point, the following Latest Security News is just a taste of "what's been going on the past sixmonths, or so, at a location near you." And, the breaches only get worse with time. Like I said, "It's all about money, pure and simple," folks!



Which translated only means, "Everyone has to prepare themselves for the worst, my friends, it's definitely going to happen to someone you love; maybe even you."

# Security 1.3 Latest Security News

I always run across some of the most interesting "stuff" while researching these reviews. This for example:

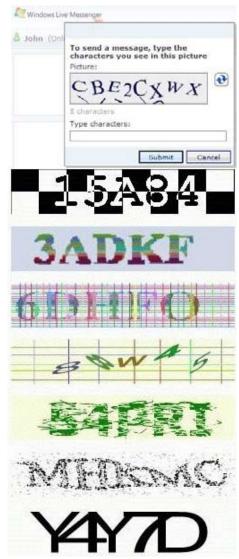
Unsolicited e-mails. Computers mimicking humans crack code: A machine was able to decipher wavy letters to create Hotmail e-mail accounts to send

By Peter Whoriskey, The Washington Post/Salt Lake Tribune 05/02/2008

Search Advanced Search Com/tool

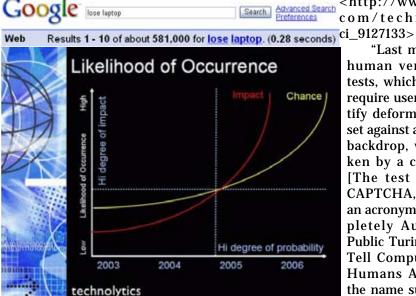
"Last month, the human verification tests, which typically require users to identify deformed letters set against a cluttered backdrop, were broken by a computer. [The test is called CAPTCHA, which is an acronym for 'Completely Automated Public Turing Test to Tell Computers and Humans Apart.' As the name suggests, it

is a test that determines the probability of the solver being a human. The letters are supposed to be impossible for computers to read in the time allotted, but is relatively easy for humans.]



"The computer then repeatedly created free Hotmail e-mail accounts and sent spam from them, according to Websense, the security firm that detected the hacking. . . . Solving the human verification tests with computers allows spammers to rapidly create new e-mail accounts from which to issue spam, which is estimated by Ferris Research to cost the U.S. economy \$42 billion annually."





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Current Spy Ops Briefing Data <www.spy-ops.com>

Date: Monday, April 14, 2008 Title: Hacking gets physical **Briefs:** 

The first computer attack to inflict physical harm [My emphasis here] on the victims began on March 22, 2008 when hackers inserted scripts into hundreds of messages embedded with flashing animated gif images. The hackers increase[d] their efforts and turned to a more effective tactic on Sunday, injecting JavaScript into some posts that redirected users' web browser to an alternate page with a complex image that was specifically designed to trigger seizures in both photosensitive and pattern-sensitive epileptics.

Date: Tuesday, April 08, 2008 **Title: New Internet Threat[s] Explode Briefs:** 

Symantec reported new internet threats rose over 460% in 2007. They also reported how cheap stolen account information is being sold. (See < http:// news.yahoo.com/s/ap/20080408/ap\_ on\_hi\_te/internet\_security\_threats>) This plus the article on terrorist[s] using stolen credit cards on Defensetech.org < h t t p : / / w w w . d e fensetech.org/archives/004105. html> ) paints a grim picture! Date: Monday, March 10, 2008 Title: Over 20 tera bytes of data stolen **Briefs**:

The U.S. Director of National Intelligence in his testimony before the Congressional Armed Services Committee disclosed that approximately 20 terabytes of data was stolen by cyber attacks last year. Some of this data was from the Department of Defense [We seem to be firmly ensconced on the "Wide Road to Now Here" (Nowhere?)].



Date: Sunday, January 20, 2008 Title: The Attack Has Started **Briefs:** 

The Defense Department currently is detecting about three million unauthorized probes on its computer networks every day and the State Department fends off two million probes daily. That being said China has penetrated key government and industry databases in the United States. The

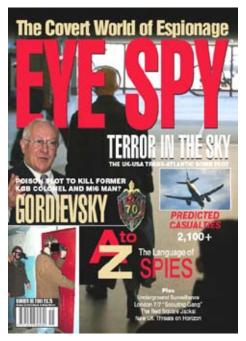
advanced attack used "key loggers" [my emphasis here] as downloads attached to phishing email and social engineering to compromise the systems.



Date: Thursday, January 24, 2008 Title: \$7.1 Billion Dollar Fraud **Briefs:** 

French Bank Societe Generale (second largest bank in France) announced today that a fraud committed by a single trader had caused it a 4.9 billion euro (\$7.16 billion USD) loss and that it would seek emergency funds as a result. . . . The 31 year old trader (insider) was said to have extensive insight into the operations of the computer system [and used stolen Passwords that aided in his ability to commit the largest fraud in history.

# Security 1.4 Digital Spy Tools



FYI Key loggers are very easy to buy all over the Internet. Anyone can do it, especially crooks. Here's but one example from my favorite "Security" Magazine, Eye Spy.

Note. At the Eye Spy online store ( <www.eyespymag.com>) you can buy a whole host of "Spy Gadgets" (naturally, including "Key loggers").

# Key-Stroke Loggers

Computer Monitoring / Key-Stroke Loggers



Product ID: TX-SNSTK Price: 45.00£

### KeyCarbon 512K Home



Product ID: ES-KCUSBHOME

### Price: 99.50£





Product ID: ES-KCUSBSE Price: 129.50£

### KeyCarbon 2MB USB Forensic



Product ID : ES-KCFOR

# Price: 174.50£



USB Key Logger Including Mac & Linux

Product ID: TX-USBKL Price: 119.50£

### KeyKatcher 128K Family



Product ID: ES-KK5

Price: 39.50£

# KeyKatcher 256K PRO



Product ID: ES-KKPRO

# Price: 49.50£

Price: 74.50£



Product ID : ES-KKMAGNUM



Product ID : ES-KK2

Price: 29.50£

# Security 1.5

Whole-Disk Encryption Apps

7 Whole-Disk Encryption Apps Put A Lock On Data: TruCrypt (Also used in CE-Secure), PGP, FreeOTFE, BitLocker, DriveCrypt, and 7-Zip provide remarkably strong, on-the-fly, encryption to keep your data secure from loss, theft, or prying eyes.

(See <http://www.informationweek.com/news/security/ privacy/showArticle.jhtml?articl eID=206905765&pgno=1&query **Text=&isPrev=>**)

By Serdar Yegulalp, Information-Week, March 28, 2008

"Few IT professionals need to be

lectured about data security. All too frequently we hear of the theft or loss of a computer or hard drive with data stored in the clear - without encryption. Fortunately, on-the-fly data encryption is no longer some exotic, costly beast. Rather than just encrypting single files, some applications are able to create virtual disks, either within a file or directly on a partition, where everything written to the disk is automatically encrypted. On modern hardware, the overhead for encryption is minimal; you no longer need dedicated hardware to make this happen [See **Part 2**]."

# **Article Comments**:

**Disgruntled Worker with an Axe!** (commented on Apr. 2, 2008)

"They are ALL vulnerable [because they are all "Protected by Passwords," which can be cracked,] and have been since PK Zip switched encryption schemes years ago! But, I guess I can't prove that without violating National Security now can I?" GTP (Get The Picture?) Passwords are like Dinosaurs!

# Security 1.6 So, What Can We Do About All This?

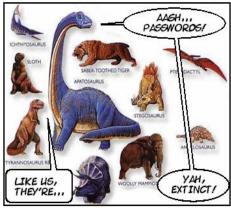
"GOD created the world, but it is the Devil who keeps it going." - Tristan Bernard

As for me, this is my 46th Security-related review.

The subjects covered in the previous 46 "Security-Related" reviews (From 03/99 to the Current BCM - 04/08) Range from: Media-Related (3) [02/08; 03/08; 04/08]; Smart Cards (4) [Dec. '00; Jan. '01 (3)]; to USB Tokens (1) [Apr. '00]; to USB Flash Drives (UFD's) (17) [Dec. '00; Dec. '02; Feb. '03; Mar. '03; Jun '03; Jan. '04 (2); Feb. '04; Feb. '05; Dec. '05 (3); Oct. 06; Jan. '07; Mar. '07; Apr. '07; Oct. 07]; to Secure Hard Drives/Hardware (3) [Oct. '05; Nov. '07; May '08]; to Security Suites (2) [Mar. '99; Aug. 06]; to Spyware Detection (4) [Jul. +05 (2); Apr. '06; Dec. '06]; to Virus Protection (4) [Jul. '04; Jun. '05; Dec. '06; Dec. '07]; to Encryption Software (1) [Jul. '01]; to "Wireless" Internet Security (7) [Sep. '02; Oct. '02; Nov. '02; Jul. '04; Jul. '07; Aug. '07; Sep. '07] (Plus the Meeting Memoranda in the Jul. '04 BCM adds much more on "Wireless" Internet Security)

Each one of those reviews, in one way or another, is aimed in "that direction," i.e., "Security Problem Solution(s)." I know that no one person has the "Final" solution, but I can at least start with the miscreants prime target, the Security chain's absolute weakest link - "Static" Passwords.

Passwords come in two (2) distinct flavors, Black and White, Cut and Dried, Frick and Frack, etc, and both are the weak links in Security. More specifically they are: 1) The prime culprits of Identity Access Management (IAM) ignominiously used in conjunction with Usernames and PINS; and, 2) Used in encrypting things, such as Zipping. To be sure they are all "extinct."



By way of explanation, 2-months ago (March 2008) I kick-started my attack on "Static Passwords" as they are used within the "gentle confines" of Comic Book Creator 2's¹ (CBC2) "Zipping" capability, which can be employed while "Publishing" newly created Comic books. Then too, last month (April 2008), I did the exact same thing again with Nero 8 Ultra Edition's¹ (N8UE) "Zipping" capability, also with "Static Password" protection.

I admit is was a bit of a stretch to include "Password Protecting" a ZIP file as a "Security-related" Application, but in truth, that's exactly what it is. You may not have thought of it that way, but let me ask you this question? Why "Password Protect" your file in the first place, or even at all? What's the Password for? Just so you can pick up the phone and tell the recipient on the other end what the "Static Password" you used was? Oh really? What you really wanted was privacy, which is just another word for security, that's all.



# Security 1.7 Last, But Obviously, Not Least

Robert Siciliano, Identity Theft Expert and CEO IDTheftSecurity.com <a href="http://www.realtysecurity.com/index.php">http://www.realtysecurity.com/index.php</a>> says, "Most people think that it can't happen to them. . . . Having this 'It can't happen to me syndrom,' is what invites thieves and predator into your place of business and your life. . . . Security is a journey. It is not a destination, a place you arrive to. So, the need for security continues."



Call to Action. Therefore, I feel the time has come, once and for all, to answer the "Call to Action!" As my positive response to that call, I invite you all to view the video I have posted on Screencast.com. To do so, merely "copy" the following URL and "paste" it into your browser's Address Window:

# <a href="http://www.screencast.com/">http://www.screencast.com/</a> t/7S8lysDSR>

My "story" is told in part in this informative 13 minute video. As you will see, it pertains, in a large part, to "stopping" ID Theft with a US patented paradigm-shifting security protocol entitled: "Dynamic" Challenge-Response (Identity) Authentication and Verification (**DYCRAV**™). The protocol can augment, or completely replace, "Static" Passwords, PIN's and Usernames - each in their own right, "the weak link" in digital data security, the very bane of ID Theft.

# DYCRAV™ EZ as 1-2-3 Automated Encryption (AutoEnc™ - AE) A Brand New Security Technology Paradigm Shift AutoEnc™ "Dynamic" USB 'n Drop 2-Factor Auth. MWAGOGBDRECL (IAM & Encryption) POTVDUOMESLZI QZPBTDUNCFYKE HNRSXECOMURX RODNGAZLCEBYN UTOMPYQSBGWYI XTRJLAYNGATIO IBYMTORASKVER **Dual-Layer** Automated Encryption & Decryption

KISS: The <u>Fastest</u>, <u>Highest and Safest</u>
<u>Level</u> of <u>DnD</u> "<u>Dynamic</u>" "<u>Secure</u>"

<u>Digital Data Management, Storage</u>,

<u>Handling</u> & <u>Transportation</u>

My Hat's in The Ring. DYCRAV(tm) IAV is my "Hat 'Thrown' into the Security Ring." I have a solution to the ID Theft problem, I merely need a "Champion" to help me virtually "save all of us" - you and I - once and for all. We can win this fight, that is, if we all stand up and shout in unison loudly enough: "I'm Mad! Stop This Insanity Right Now!" Then, it would be stopped!

**FYI** I have reviewed the "full" **DYCRAV** Security Suite (i.e., *DY-CRAV™ AutoEnc™: Drag 'n Drop Security As Easy As 1-2-3*) on page 8 in the August 2006 issue of Blue Chips Magazine¹.

**BTW** I shall be talking with CMS about bundling these same DYCRAV "Security" protocols in with their wonderful products.

# Security 1.8

I think it is about time we <u>all</u> did something about <u>all</u> "digital data communication security weaknesses,"

but ID Theft most specifically, instead of merely "Crying" about it; simply because we are "all" at the mercy of would-be/actual thieves, et al., (See lead-in graphics pages once again) such as those shown in the excellent presentations on ABC WorldNews with Charles Gibson (re. "Thieves May Be Stealing and Selling Your ID: How Do You Protect Yourself From Online Crooks? (Apr. 30, 2008); "How Identity Theft Happens and How to Protect Yourself: Most Common Ways Your Identity Gets Stolen and How to Fight Back" (May 1, 2008); and, "Crooks Have Your Card and You Don't Even Know It: How Thieves Copy Credit and Debit Cards and Drain Accounts" (May 2, 2008).

### Note.

See the original broadcast(s) for yourself at: <a href="http://abc-news.go.com/Technology/story?id=4773999&page=1">http://abc-news.go.com/Technology/story?id=4773999&page=1></a>



**ABC WorldNews** certainly deserves a resounding round of applause for this great "educational" community service about Identity Theft to all of humanity. Thank you ABC, Mr. Gibson and all of your staff. **Well done!** 

# **Prolog**

John Steinbeck wrote: "Must the hunger become anger and the anger fury before anything will be done?" Recent statistics indicate that an identity is stolen every three seconds. Best of Luck!

Til the next time, "Stay Safe!"

# Ciao!

### Footnote

<sup>1</sup> See the actual Reviews in the Blue Chips Magazine Archives at <www.ucs. org>. Note. Always choose the .pdf format for its beauty.





SURVEIL LANCE EQUIPMENT



# Utah Blue Chips Calendan



May 2008, June 2008

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
May 11	May 12	May 13	May 14	May 15	May 16	May 17
		All The Control of th	UBC General Meeting U of U 7:00 p.m.		* 4 *	-40
			Weather	S		Magazine Deadline
May 18	May 19	May 20	May 21	May 22	ny 23	May 24
			U of U 7:00pm		<b>5</b> ))	
May 25	May 26	May 27	May 28	May 29	May 30	May 31
Jun 1	Jun 2	Jun 3	Jun 4	Jun 5 UCS Board of Trustees C&C Bldg. Room N3005	Jun 6	Jun 7
Jun 8	Jun 9	Jun 10	Jun 11  UBC General Meeting U of U 7:00 p.m.	6:30 p.m.  Jun 12	Jun 13	Jun 14  Magazine Deadline
Jun 15	Jun 16	Jun 17	Jun 18	Jun 19	Jun 20	Jun 21
			_			