



Volume 29, No. 2

February 2011

**Utah Computer Society
Monthly Report**

www.ucs.org

**This Month's Meeting:
Wednesday 9th at 7 pm**

*Check Out the
New SATA/IDE
Hard Drive
Enclosure
on the Block?*

*on page
4*

This Month's Presentation

"CES 2011 Review"

Bob, John, Larry



Utah's Award Winning Computer Magazine!



By *Cliff Millward*, Editor
cliffm@xmission.com

Baton Bleu

You Can Bank on This (?)

A piece of banking malware is evolving with more sophisticated capabilities and is making its way into PCs.

The information-stealing malware called **Carberp**, discovered last October, can steal a range of data, disguise itself as a legitimate Windows file and remove or negate any antivirus software installed.

Carberp runs on all versions of Windows, including Windows 7, without needing administrator privileges. It can register itself as a browser extension and inject rogue HTML code into Web pages that can steal data.

Experts warn that even a new “supertrojan” is lurking in the shadows, which may make ordinary viruses seem as harmless as a common cold.

Be aware, you should always see a red flag when you’re using a computer at home and you are asked for something that your login doesn’t normally ask you for. Don’t be sucked into giving away sensitive information!

Smarter Than You Think

That smartphone in your hand might be telling more about you than you think.

While a smartphone has become a communications must-have, it’s also gathering information about you -- data being marketed by your cellular provider to advertisers and other commercial services. They package it up for sale to advertisers, keeping tabs on people through tags uploaded to their phones via cookies. Currently there are no laws that prohibit companies from obtaining personal information for location-based advertising.

There are laws in the works in order to protect the consumer, however. A draft legislation was circulated during the last congress that intended to “specifically

address behavioral targeting and would impose some limits and requirements on these practices.” A new version of the bill is expected soon.

Time for Some More Laughter!

Customer: I have a huge problem. A friend has placed a screen saver on my computer, but every time I move the mouse, it disappears.

Tech support: How may I help you?

Customer: I’m writing my first e-mail.

Tech support: OK, and what seems to be the problem?

Customer: Well, I have the letter ‘a’ in the address, but how do I get the circle around it?

A woman customer called the Canon help desk with a problem with her printer.

Tech support: Are you running it under windows?

Customer: “No, my desk is next to the door, but that is a good point. The man sitting in the cubicle next to me is under a window, and his printer is working fine.”

And last but not least:....

Tech support: “Okay Bob, let’s press the control and escape keys at the same time.. That brings up a task list in the middle of the screen. Now type the letter “P” to bring up the Program Manager.”

Customer: I don’t have a P.

Tech support: On your keyboard, Bob.

Customer: What do you mean?

Tech support: “P”.....on your keyboard, Bob.

Customer: I’M NOT GOING TO DO THAT!!

Finè

Recent Tech Events

Blue Chips Magazine



"Utah's Award Winning Publication"

Magazine Staff

Editor — Cliff Millward	619-9633
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	

Advertising Rates

Ad costs	1 month	3 months	6 months	12 months
2 Page Spread	\$150	\$400	\$700	\$1200
Full Page	\$100	\$275	\$500	\$900
Half Page	\$50	\$130	\$250	\$450
Quarter Page	\$25	\$70	\$130	\$225
Business Card	\$15	\$30	\$60	\$120

Full page size is 7½ x 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 3½ x 10 inches. Quarter-page ads are 3½ x 5 inches. Business card ads are 3½ x 2½ inches.

Classified Advertising

Utah Blue Chips members may place personal classified ads at no charge. Maximum ad size is 7 lines, 35 characters per line.

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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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
5435 Riley Lane
Murray, Utah 84107

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.

Other important information:

Meeting Information
Group Business (James Alexander)
Magazine (Cliff Millward)
Web Site
WebMaster
Membership (evenings) (Bob)

<http://www.ucs.org>
250-2269
955-9633
<http://www.ucs.org>
262-6045
262-6045

MONTHLY MEETING LOCATION

2nd Wednesday of every month



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

February Renewal

Doug Jackson

Sabrent SATA/IDE Hard Drive Enclosure

A New Kid's on My Block

By Don Nendell

Manufacturer: Sabrent
Los Angeles-based
"Sabrent is a USA Company," they say
Ph: (326) 266-0911
Tech support: Submit ticket
via their web site
URL: www.sabrent.com
Warranty provided by: Sabrent
Limited Warranty:
12 months parts and labor

Note. If you buy from Tiger Direct they will also give you a Limited Warranty
If you buy from Fry's, for example, they will give you their usual customer satisfaction guarantee

Sabrent Product catalog can be downloaded at: www.majestron.com/sales/index.htm

Mfg Part No: ECS-STU35

UPC No: 188218000651

Box Size: (LxWxD) 8" x 11" x 3"

Shipping Weight: 1.65 pound(s)

Specifications:

Hard Drive Interface: IDE/SATA

Enclosure Interface: USB 2.0 and USB1.1

Enclosure Material: Aluminum

Enclosure Size: 3.5"

USB Powered: Yes

Cooling Fan: No

RAID: No

Multimedia Support: No

Detailed Features:

Convert any Serial ATA (SATA) or

IDE Hard Drive into external USB storage

Native SATA 3.5 inch Drive to

USB 2.0 Solution

Slim Compact Aluminum Enclosure

Plug and Play Hot swapping

On/Off Switch

Included in Box:

Hard Drive enclosure

120v AC Power supply

Power cord

USB 2.0 cable

User Manual (See below)

Street Price:

Tiger Direct: \$24.99 plus S & H

Amazon.com: \$29.85

Fry's: \$29.99

NewEgg: "Deactivated. This item is currently out of stock and it may or may not be restocked."

Dear Reader,

If you are reading this in a non-.pdf format, you are missing 75% of the whole Review, as it is almost entirely graphics intensive. You should, therefore, stop reading and immediately follow the steps outlined in the Footnotes 1 & 2 below. Which BTW are:

1. "See the actual Reports/Re-

views in the Blue Chips Magazine (BCM) Archives (i.e., begin search on left-hand side of web page) at <www.ucs.org>. Note. *Always choose the center option, i.e., .pdf format for its beauty.*

2. "If you are reading this Review from directly off of an Internet search, you are seeing it in HTML format. *Yuk! There's No graphics there!* To see all the beautiful graphics in this Review - the ones that we've worked so very hard to entertain you with - you will need to follow the procedures outlined in 1 above. *Enjoy! Again, our web page (www.ucs.org).*"



Prolog

Hare Affair: What to Expect in the Year of the Rabbit by Your Tango, 2/2/11. In the Chinese calendar, 2010 was the Year of the Tiger. If you're feeling a little tuckered out after these past 12 months, don't worry, that's natural. The Tiger was quite a torrid one for relationships, full of tumultuous mood swings, lots of hard work and over-the-top passionate adventures.... The Chinese Lunar Calendar, which resets each year in late January to mid-February, is one of the most ancient calendars in the world. According to legend, the Chinese emperor some 4,000 years ago held a race to figure out the sequence of animals in the 12-year cycle of his new calendar. The rat came in first by hitching a ride on the ox's nose and jumping over the finish line at the last possible moment (crafty!). The rabbit was fourth, so we are currently in year number four in the cycle. The year we're headed toward is significantly less stormy than the one we just endured. Chinese as-



trologers are projecting 'quiet, positive and inspiring' things to come along with the Rabbit. (Source: <http://glo.msn.com/relationships/hare-affair-1534115-story?gt1=49006>)



Introduction

And so, "The [inauspicious] Chinese Year of the Rabbit Begins." I bring this up because this month I've found a fascinating External Hard Drive enclosure to report on for you. However, as late as 2 days before actual deadline for publication of the Review, I was still calling the appropriate company representative at Sabrent, a Taiwanese-based company, about sending me a product to Review. I even sent them a 300 dpi copy of **my September 2008 BCM Security-Related Report** ^{1 & 2} to prove my interest was genuine. You know what, they had not even bothered, nor even had the common decency or curtsy (no pun here, but barb certainly intended) during the week leading up to this point, to even let me know that, and here's what finally got to me, that for the very first time ever for yours truly, I was told that "they wanted to use social media outlets 'only' for 'getting the word' out to the public about their products!" **OK! Not!**



Yes sir, with a certain degree of trepidation and frustration, the “Year of the Rabbit” certainly does begin for us, at least, for yours truly, but it’s not nearly as “quiet” as the astrologers have predicted. For me, I hear the rapid thumpity-thump of the rabbits hind legs hitting the ground as Sabrent runs lickety-split away from the “Tiger!” Stay tuned for the “Chinese fireworks” to come, as I went ahead, **anyway**, and bought two (2) of them from Fry’s here in Vegas, and I’m going ahead with the Review, as I originally planned to do in the first place.



Note. I don’t do something like this very often, as you may well recall from reading the past more than 12 years of BCM Reviews from yours truly? Um! Thinking back on it now, this may be only the second Review I’ve ever done this way?

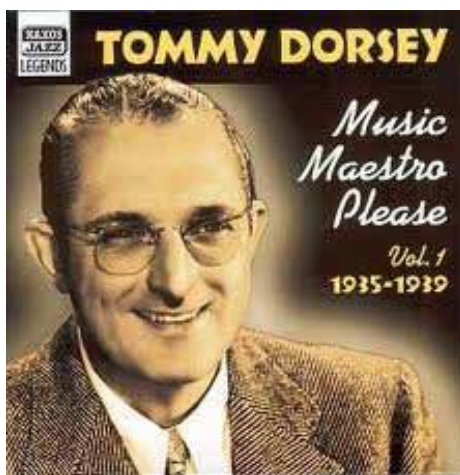


I guess I’ll just have to ask my Harvey ⁶, my own special pooka, if he can remember when I last did a “**Pro bono publico**” (usually shortened to **pro bono**)” (i.e., gratis) Review? Anyway, now, let’s see why I’ve chosen this particular product to Review for you this month?



**“Damn the torpedoes!
Full speed ahead!”⁷**

Sabrent SATA-IDE External USB 2.0 Hard Drive Enclosure. Finally, you can connect any 3.5” Hard Drive, albeit a Serial ATA (SATA) or IDE (**Note.** I’ve got 22 IDE’s plus 3 SATA’s lying all around, now, (See below and page 14), to your computer through USB 2.0. The USB 2.0 interface allows users to read and write large files up to 480mbits per second, plus it is fully backward compatible to USB 1.1 specification. Which certainly makes this next Review product ideal for a personal backup solution (**For another viewpoint of external enclosures see also my September 2008 BCM Security-Related Report** ^{1 & 2}, the very same one I sent to Sabrent). The new generation USB 2.0 to SATA HD enclosure is a very durable aluminum enclosure for your 3.5” SATA or SATA II hard drive or IDE drives. Which means, you can now transfer any type of data quickly and easily, anywhere, with this



great, versatile, easily adaptable, external hard drive enclosure.

A Little Background Music Maestro, Please?

I have internal hard drives by the scores (2 score and 2, to be precise) lying all over my tiny computer room; on the floor, on tables, on my desk, on TV trays, in boxes, they’re everywhere (see graphic on pages 12 & 14). I have mounting screws for all of those HD’s scattered even farther around the room. I even step on one now and then with my bare feet, ouch! I am virtually beyond frustrated at the fact that over half of those HD’s seem to have taken a hike somewhere or other? They just don’t work any longer, and man, they have some very important “Stuff” on them. Some are very critical to my Security business, too! That’s what’s so bad about my current situation; I need them every so often to get old records off of them, like videos, et al. This is some heavy “Stuff,” in all. The reason I have so many old HD’s is because every year Donna and I take turns buying new PC’s with our income tax return monies, and believe it or not, I just can’t talk myself into throwing away the old HD’s out of them, at least that’s what I keep telling myself, anyway?

Note. I just checked back through the huge stack of HD’s and actually found two (2) HD’s with Win 98 stuff on them; they indicate that they are 4

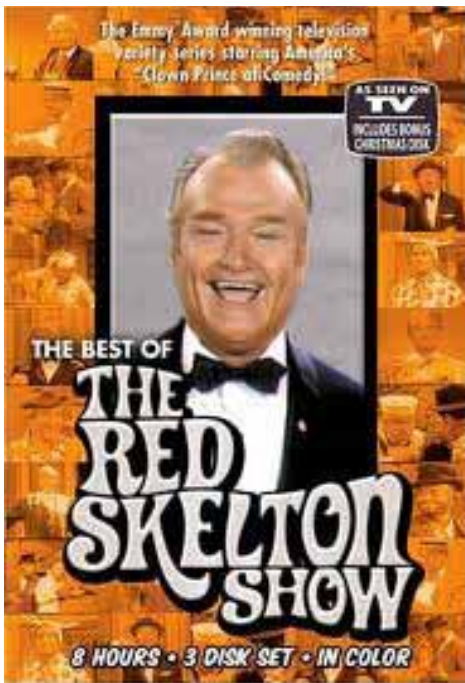


GB’s each. Geez!

You can easily see my dilemma, then? “I’ve got to do something with all of them, even if it is wrong?” “Turn either way but over, now that I’m at the ‘T’ in the road?” “Act Now, Don, Act now!” OK, already! **OK!**

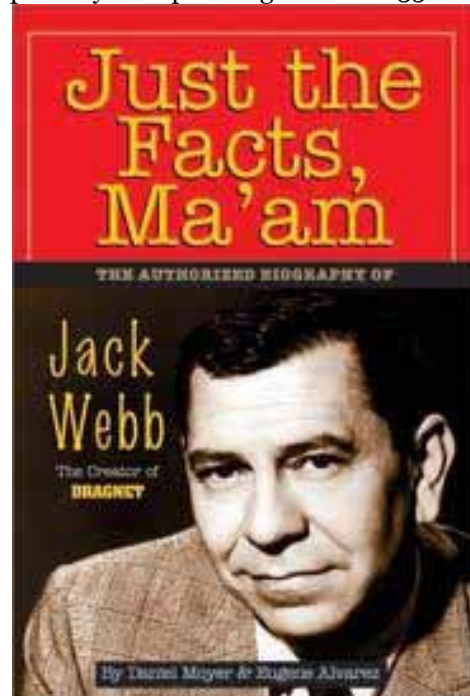
I Dood it! I Dood it! ⁸

While at Best Buy on Chinese New Year’s day, Donna, and the very persuasive, “helpful salesperson,” actually talked me into buying a new Gateway



Desktop PC with Windows 7 Home on it (See my December 2011 BCM Review of Laplink's PCMover for more "sound?" reasoning behind this little dilemma ^{1&2}).

Now, this particular new PC has, amazingly enough, two (2) slide-out trays for SATA HD's in addition to its 1TB internal SATA HD. The salesperson asked me pointedly during his presentation why I didn't actually combine all those 22 old HD's into a single 1TB SATA HD? Besides getting peeved at him in a very big way, I didn't really have a credible answer to give him, except for possibly the upcoming ECS-STU 35 ex-



ternal HD enclosure that I had originally planned to write a Review on? Then again, how could I, logically?

Which brings us back to the present. So, here's that Review, even though I have a new PC to play with now; written, of course, with certain caveats thrown in just for good measure. Whew! I will finally get something done with all those 22 internal HD's, even if it kills me in the process?

The Facts, Ma'am?

After getting stiffed by Sabrent, and subsequently buying two (2) of my very own **Sabrent ECS-STU 35 SATA-IDE External USB 2.0 Hard Drive Enclosures**, I took an abundance of photos of the enclosure case and its contents (See graphics, list of contents above, plus pages 12 & 14). It is everything I ever thought it might be, but with some reservations (See pages 10 and 11 for Review Comments from other users of the STU 35).

First impressions. My initial impression was really good, except for the "skimpy" User Manual's obvious mis-representation of: "1.0 **Hardware Setup**, item 1 which states, "Make sure your drive has jumper settings in 'Master' mode." (See graphic of the manual at the bottom of the page)

This is only true if the HD is actually "the Master HD?" The jumper should actually be set on "Cable Select" for external HD's housed in such external enclosures for it to be automatically picked up by the OS, for example.

I did learn one new thing about the IDE/SATA HD's operations from the manual (See graphic) and that was:

"Note. For 3.5" drives/CDR/CDRW/DVDRW, always turn on the power before plugging ["into"] the USB or SATA port; otherwise it may

malfunction."

Comment. The only problem with that is not the power needing to be turned on, but that I was unaware that CDR/CDRW/DVDRW's could be housed in their external enclosure? Add to that, with solid sides all around, two (2) of which are removable, on the enclosure, there is actually no place available to be able to access a drive door to put the disks into? (see graphic) Strange that?

A number of complaints against



the STU 35 were registered by some Amazon.com reviewers (See page 11), among them is the fact that the HD does rattle around inside the case and makes a noise if you do not tighten them down during installation. I personally disagree with this frivolous complaint as you can use the four (4) screws (provided by Sabrent in the box) to mount the HD permanently, if desired, from the bottom of the enclosure (See graphic). Personally, I need to keep the HD's unmounted, to make it real easy for me to alternate between them. The screws would thus be a hindrance to me by having to remove



English

1.0 Hardware Setup

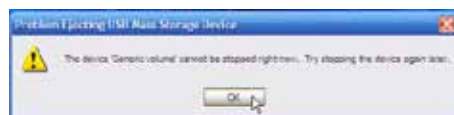
- Make sure your drive has jumper setting in "Master" mode
- Connect your drive and computer
- Turn on the power
- The computer should now detect the new drive. For Windows 2000/XP/VISTA, no driver setup is necessary, please proceed to step 3.0 to format your drive. For Windows 98SE/ME, proceed to section 2.0 to install the driver.

Note: For 3.5" drives/CDR/CDRW/DVDRW, always turn on the power before plugging the USB or SATA port; otherwise it may malfunction.

My impression of the STU 35 was also very positive clear up to the point where I tried to turn the STU 35 enclosure over to extract the first internal HD I tested in it; this was necessary because I couldn't get it out any other way, short of using a pry bar on it. There is no finger room on any side, what-so-ever, and that is perfectly OK, except, that the loose fitting sides fall out onto the mounting surface in so doing (See graphic). That is something that can be lived with, I feel, as you can actually use that particular deficiency to help you extract the HD without having to turn the entire enclosure over during the HD extraction process (See above).

A close-up photograph of a laptop's internal chassis. A yellow I/O cable bracket is shown, which is broken and bent. A red dashed circle highlights the break. A large red arrow points to the broken area with the text "Broken I/O Cable Bracket".

Well, as if that wasn't enough, when I very carefully tried to pull the enclosure IDE cable out of the HD itself, which is a very tight, snug fit, the plastic housing of the cable itself came apart in my hands (See graphic). Fry's was quick to give me a brand new replacement product and I was off and running again.



Windows - Delayed Write Failed

Windows was unable to save all the data for the file C:\P046. The data has been lost. This error may be caused by a failure of your computer hardware or network connection. Please try to save this file elsewhere.

Start Menu

In Summary

The STU 35 is the answer to IDE/SATA HD's being used for additional storage purposes, vice internal storage.

Low Price Guarantee!
We WILL Meet Any Price INTERNET or LOCAL
From Any AUTHORIZED DEALER

Fry's ELECTRONICS

1.5TB
GreenPower™
SERIAL ATA/300
HARD DRIVE

\$69⁹⁹

#6490832

WD Western Digital



500GB Seagate
SERIAL ATA/300
NOTEBOOK
HARD DRIVE

\$54

#5803123



*Simply Affordable Solutions
 To Your Portable Data Storage*

2TB
Select DESKTOP
HARD DRIVE

\$89⁹⁹

#6490832

Western Digital



500GB **WD Western Digital**
USB 2.0 PORTABLE
HARD DRIVE

\$49⁹⁹ EACH

#5803123



The STU 35 can be that enclosure. You merely have to put up with a few



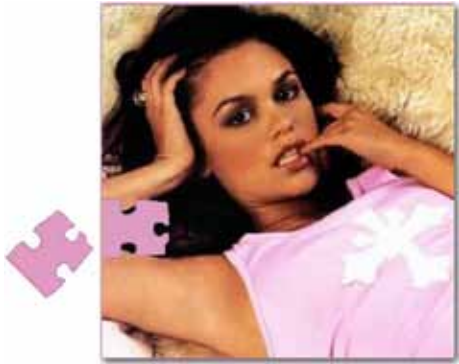
annoyances, that's all. Overall they PASS on hardware; FAIL on Media support and respect; but, the **jury is still out** on Tech Support?

Bottom line. Disregarding completely how Sabrent treated me personally, the **Sabrent ECS-STU 35 SATA/IDE Hard Drive Enclosure** is the way to go. "Yo' pays yo' money, yo' takes yo' chances," opines Karl Malone, the Jazz great Hall of Fame Basketball player. For the money, and downplaying its shortcomings, the **ECS-STU 35** is just right for the job. Try'em, you'll like'em - they are cheap, at twice the price.

Overall Grade: Recommend: Buy!



They are the best of what I have; I bought them, didn't I? After all, HIAWC⁴, isn't it? Besides, they can be the perfect piece in the solution to your data storage puzzle.



'Nuff said! I'm out'ta here! "It's safe to remove your hardware, now!"

Happy B'day Deb and Dee, and Happy Valentines Day to You All!



Ciao!

Footnotes

¹ "See the actual **Reports/Reviews** in the **Blue Chips Magazine (BCM) Archives** (i.e., **begin search on left-hand side of web page**) at <www.ucs.org>. **Note. Always choose the center option, i.e., .pdf format for its beauty.**

² If you are reading this **Review** from directly off of an Internet search, you are seeing it in **HTML format. Yuk! There's No graphics there!** To see all the beautiful graphics in this **Review** - the ones that we've worked so very hard to entertain you with - you will need to follow the procedures outlined in **Footnote 1** above. **Enjoy! Again, our web page (www.ucs.org).**"

³ **Feature(s) precisely identified as reason(s) for designating this Review/Report as "Security-Related." In this case, everything.**

⁴ **My Byline: Happiness Is A Working Computer (HIAWC).**

⁵ "Aye, that's the rub!" See **October 2010 BCM Security-Related Report #16 Footnote 4** ^{1&2} for a more complete explanation of this phrase.

⁶ Harvey starring Jimmy Stewart - Part 10 of 10 (http://www.youtube.com/watch?v=3Jd_VzLvucc) The story: Elwood P. Dowd (Stewart) is a middle-aged, amiable (and somewhat eccentric) individual whose best friend is an invis-

ible 6'3.5" tall rabbit named Harvey. As described by Dowd, Harvey is a pooka, a benign but mischievous creature from Celtic mythology who is especially fond of social outcasts (like Elwood).

⁷ During the Civil War Admiral David Glasgow Farragut took the last Confederate stronghold on the Gulf of Mexico in the celebrated Battle of Mobile Bay. The heavily guarded bay entrance was filled with mines, then known as torpedoes. Farragut's cry of **"Damn the torpedoes! Full speed ahead!"** is now the stuff of legend, but it was also good tactics. All but one of the fleet's 18 ships passed safely through the channel, and in August 1864, Mobile Bay's forts fell. "Old Salamander" returned to Union territory a hero. (Source; Military.com)

⁸ Red Skelton's as Clem Kadiddlehopper. Skelton was inducted into the International Clown Hall of Fame in 1989, but as Kadiddlehopper showed, he was more than an interpretive clown. One of his best-known routines was "The Pledge of Allegiance," in which he explained the pledge word by word. That routine was released as a single by Columbia Records after Skelton performed it on his TV series in 1969. The rather ungrammatical title was from one of Red Skelton's radio catchphrases of the day. In 1942 Jack Owens, The Cruising Crooner, wrote a song for Skelton based on it: "I Dood It! (If I Do, I Get A Whippin')."





WE'VE GOT A LOT OF TRAVELING TO DO... THE SABRENT ECS-STU35 USB 2.0 TO SATA & IDE EXTERNAL HD AL ENCLOSURE



Customer Reviews @ Amazon.com

Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) by Sabrent

ECS-STU35

Average Customer Rating

5 star: (1)

4 star: (3)

3 star: (2)

2 star: (2)

1 star: (3)

☆☆☆☆☆ (11 customer reviews)

Ease of installation ☆☆☆☆☆ (3)

Ease of use ☆☆☆☆☆ (3)

Reliability ☆☆☆☆☆ (3)

> Rate this item's 3 attributes or suggest a new one.



☆☆☆☆ Works great! Saved me a lot of work and money!

November 25, 2007

By [George Gonzalez](#) (Miami, FL)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

I was kinda worried when I read the other reviews for this product, but I had recently lost my desktop PC's Windows system drive and my only hope was to put it into an enclosure like this and try to fix it from my laptop. I was not disappointed! I'm very glad I purchased this device and consider it a steal at the price Amazon has. The drive that failed is an IDE, but I knew I would want the flexibility of installing a SATA drive for use as an external storage device, and this seemed like the only enclosure capable of doing both.

It's not flimsy as other reviews have called it, but the whole thing basically comes apart in four pieces when you undo the screws to install the drive. If you do it in your lap, it'll be a handful, but it's really easy to put together again. The materials are first-rate, and the enclosure has plenty of ventilation holes. I wish it had a fan, but after more than 12 hours of continuous running I encountered no heat-related problems. It has both IDE and SATA interfaces inside, the IDE is easier to install than the SATA, but both are very easy to do. I think the easiest way to install the IDE is to pull the data cable off the enclosure's circuit board and plug it into the drive first, then plug in the power connector to the drive, place the drive in the enclosure and finally plug the other end of the data cable back onto the circuit board. To connect a SATA drive later, it was necessary for me to remove the IDE cable entirely. Unfortunately I found no easy way to stash the cable in the enclosure itself for safe keeping.

There are two external interface options, the USB 2.0 and an eSATA. A USB cable is supplied with the unit but no eSATA cable. This was a little disappointing, since I think the eSATA would be potentially faster. I don't have an eSATA port on my laptop so having both options is good, but I'll get a cable and use the eSATA from my desktop in the future. The USB 2.0 interface is a little slow, of course, compared to a drive installed directly in a PC.

In summary, I was able to take my failed Windows drive and repair the file system on it from my laptop using this enclosure. I recovered everything and got my desktop back up and running 100%. I also installed a 500GB WD SATA drive to use as external storage and that's working great. I highly recommend this enclosure!

☆☆☆☆ Not bad for the price., May 2, 2006

By [Techie T](#) (United States)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

A little cramped inside. The trick is to remove the front panel out of its slot before attaching the power and data cables to the drive. That gives you a little more working room. Then you can slide the drive in where it needs to be before re-installing the front panel. With a little trial and error, I had a 250gb SATA drive working in about 15 minutes. Nice aluminum interior/exterior and lots of vent holes for cooling. Seems to work fine.

☆☆☆☆ Pleasantly suprised, November 20, 2009

By [H. Pratt](#)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

After reading some of the negative reviews on this product I was kind of hesitant to buy it. I'm glad I did. It went together well and has functioned flawlessly. It had plenty of room for my 3.5" IDE drive and even an extra set of cables for when I upgrade to a larger SATA drive in the future. It met my need for a means to recover data from an old hard drive and has offered me an option for portable storage as well. Don't think I could be happier with this product. Even if it gives up the ghost tomorrow, It will have given me my moneys worth.

☆☆☆☆ External IDE/Sata HDD Enclosure,

February 3, 2009

By [Richard Raleigh Miller](#)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

The product is as stated in the advertisement. It does rattle sometimes so I place a small piece of paper on one side. It works just great with all of the HDDS I have so far. I would recommend this enclosure to anyone. I just hope the connection for the power works over a period of time I have had similar ones fail after a year. I will see.

(SOURCE: AMAZON.COM)

AMAZON.COM REVIEWS (CONT.)

★★★★★ Noisy, June 14, 2008

By [Jose E. Escobar Chavez](#) (Tegucigalpa, Honduras)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

Work a pretty well but it doesn't have any protection for harddrives and the sound its a high

★★★★★ If its SILVER... Why is the picture BLACK ?,

October 19, 2008

By [Honest Guy "geffroman"](#) (Huntington Beach, Ca USA)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

Has good features. Lazy people should post a proper picture showing true color. Made on a minimum budget. I would have paid a few dollars more for something that seemed better built.

★★★★★ It does the job but it's flimsy, March 14, 2006

By [CaesarTheDay "CaesarTheDay"](#) (Los Angeles, CA)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

I recently went through another Windows XP meltdown (thank you Bill) and decided to get a new HD to use strictly for data storage. I got an internal for cost reasons and needed an enclosure. After a long time looking for the right one, I found one that offers both SATA and IDE connectors. Once connected the product does it's job - connects to the PC and stores data. But it's built like a grade-school shop project. Cheap aluminum held together by screws, hot glue gun and a lot of luck.

The IDE and SATA connectors are short and stiff so you really have to wiggle to get your drive inside. The power cord barely fits in a socket and the moment you breathe on it it falls out.

But the most annoying thing is the rattling. This thing is put together in a way that every time the HD spins it rattles like crazy.

Go find yourself another product. I'm giving it 2 stars only because I was able to recover my data quite nicely and quick thanks to the USB 2.0.



★★★★★ Sabrent usb 2.0 hard drive enclosure,

July 21, 2008

By [J. Orr](#)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

First one didn't work. Had to return it and order another one. Return and refund ok. Second one has worked fine. Easy to open and install HD.

★★★★★ Why there's no 0 rating on Amazon?,

November 3, 2006

By [Alen Kalati](#) (Springfield, NJ United States)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

This garbage, like everything else offered by TigerDirect didn't work for Sata. It died after a week or so.

★★★★★ Worked fine till the magic smoke came out.,

April 30, 2008

By [Thomas A. Martin](#) (Ann Arbor, MI USA)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

Despite being pretty flimsy, I had high hopes for this case. Until I moved it for the first time and one of the components on the controller burned up.

In the trash it went, I'm off to shop for something better.

★★★★★ This thing Really is trash!, September 4, 2010

By [Masum Ahmed](#)

This review is from: Sabrent ECS-STU35 USB 2.0 to 3.5-inch IDE/PATA or Serial ATA Aluminum Hard Drive Enclosure Case (SILVER) (Electronics)

Attachments are poor. The Power cable doesn't stick to the drive well. a single move will crash the drive.





HERE'S
HOW
IT'S
DONE!

SO, LET'S
COMPARE IT
WITH...



I-SERIES

PPA TECHNOLOGIES



DONE!

STU 35

STU 35

I-SERIES

MODIFYING AN EXTERNAL HD ENCLOSURE

**WE BEGIN...
WITH**

PPA Int'l
PARTS, PERIPHERALS & ACCESSORIES

Now available in: SATA and SATA to eSATA + USB 2.0

DiscArmor

Premium Enclosures by PPA



USB HUBS



SATA PRO



PCI CARDS



EXTERNAL ENCLOSURES



PC CAMERAS

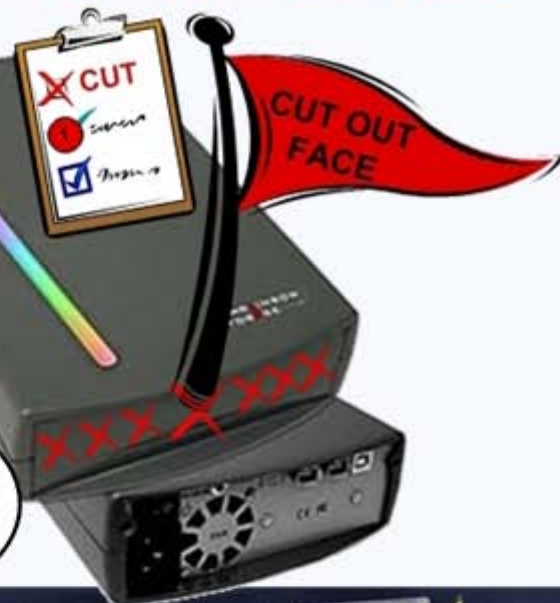


New Tricks

**IT'S NEVER
TOO LATE**

CUT OUT
THE
FACEPLATE,
BRO!

INSERT THE
DATAPORT
IN THE
OPEN
SPACE.



OR

CRU

- DataPort -

DataPort® 3

Affordable Removable Hard Drive Enclosure

- ▶ High Quality Removable - at an Attractive Price
- ▶ Ideal for Education, Small Business and Home-User Markets
- ▶ Leading Warranty in its Class - 2 Years!
- ▶ Available in both IDE/ATA-6 and Serial ATA 3Gb/s

CAKE...

Easy Installation



Insert any capacity 3.5" IDE or
SATA 3Gb/s Hard Drive into the
DataPort Carrier

Install Data Port Frame into any
standard 5.25" drive bay (PC or
Mac). Platform and application
independent.

Insert DataPort Carrier into
compatible DataPort Frame and
turn on Powered Key Lock.

DON'S GOT THEM ALL
OVA THE PLACE...
BRAVO!

THEA YOU ARE DEAD,
PIECE OF CAKE!

THIS?

THIS?

VILOA! OR THESE?





VARIOUS EXT HD'S 300 GB 4X

22 VARIOUS HD'S

**MAXTOR
100 GB**



STU 35

**BLACK ARMOR
320 GB**

**MAXTOR
750 GB**

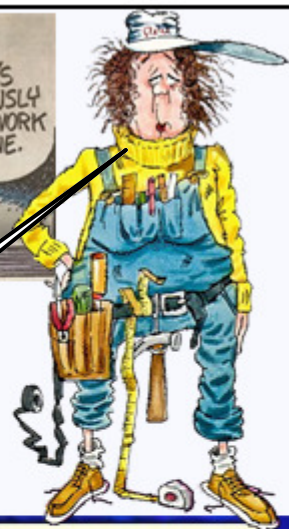


WOULD
YOU
JUST
LOOK AT
ALL
THAT
"STUFF"
THERE?

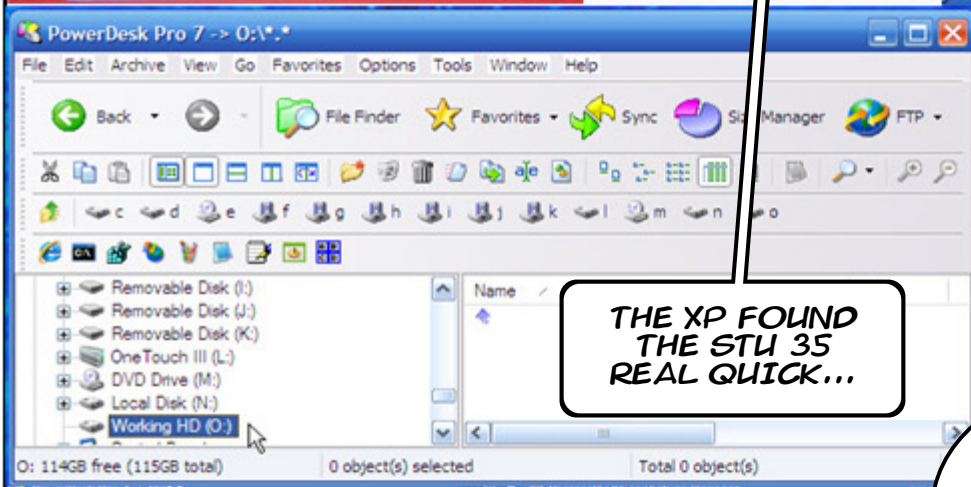
STU 35

WOW! I COULDN'T EVEN
GET IT ALL IN MY
SUITCASE?

PPA 2X



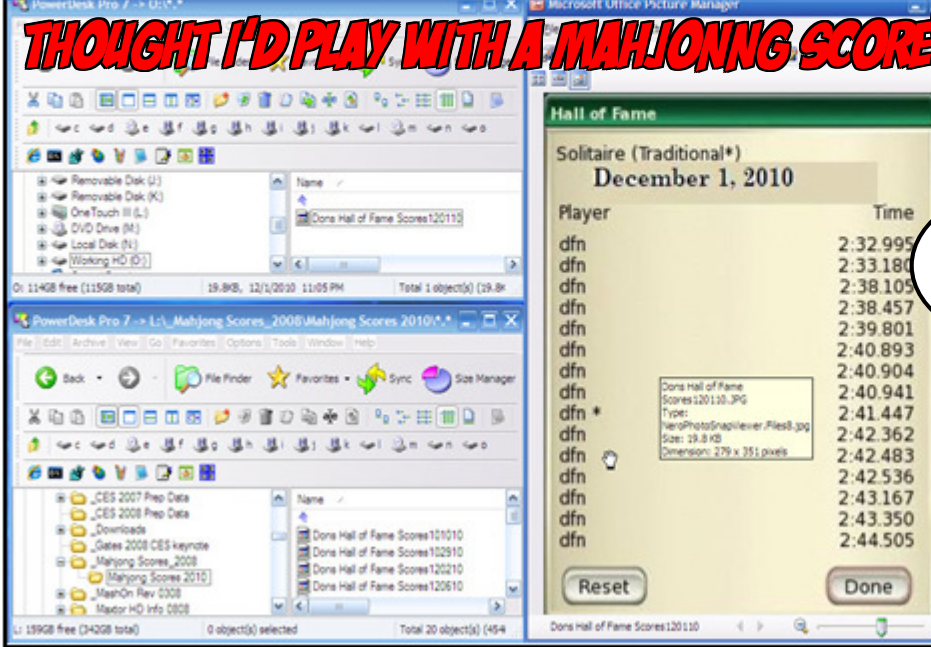
THIS IS WHERE I COME INTO THE PICTURE... NOW, LET'S SEE HOW THIS BABY WORKS?



THE XP FOUND THE STU 35 REAL QUICK...



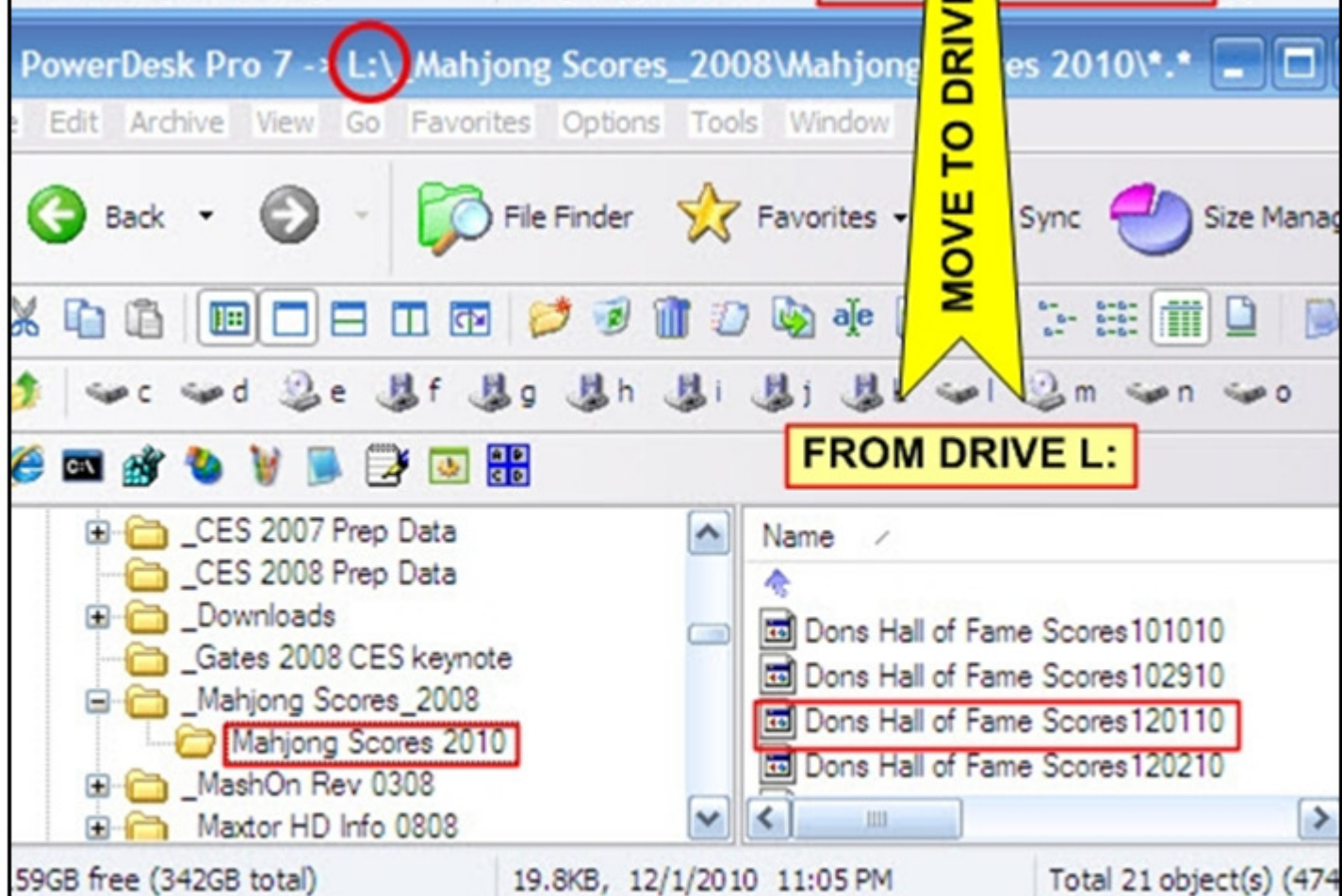
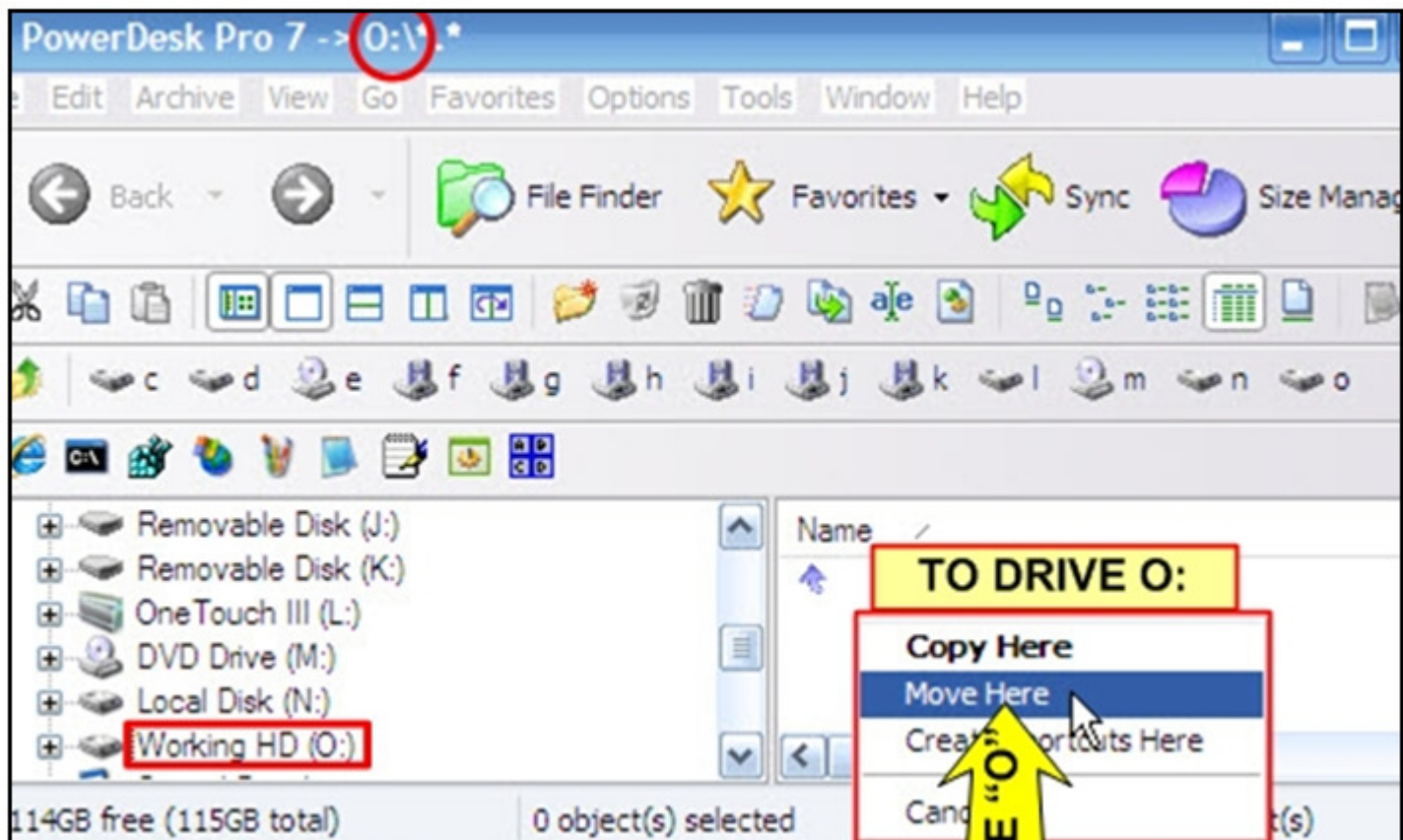
THOUGHT I'D PLAY WITH A MAHJONGG SCORE...

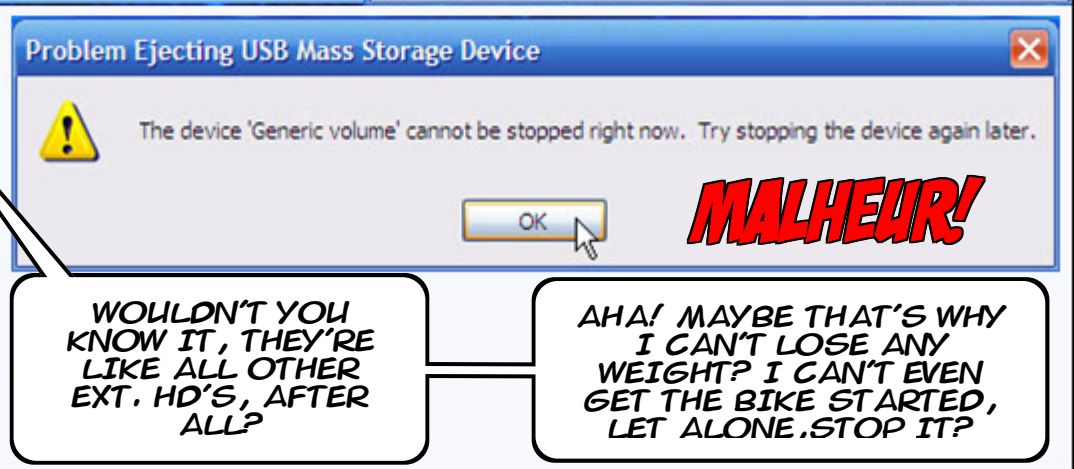
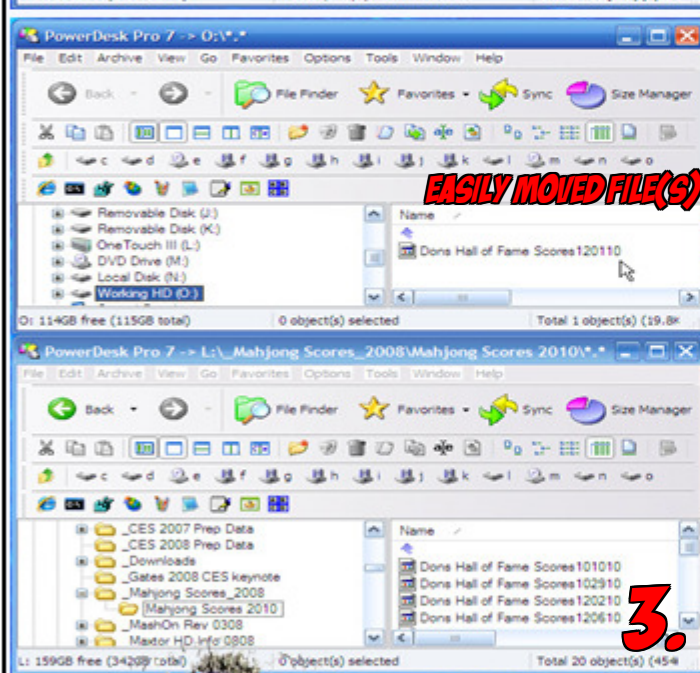
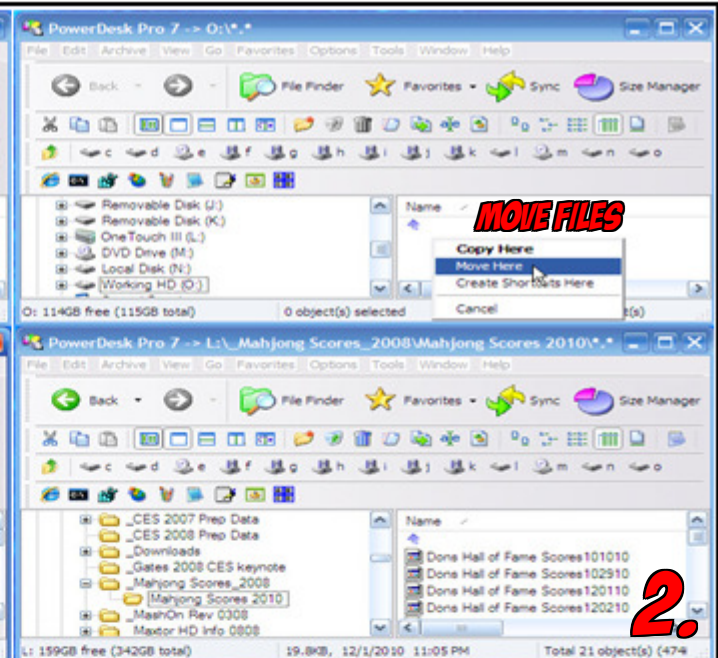
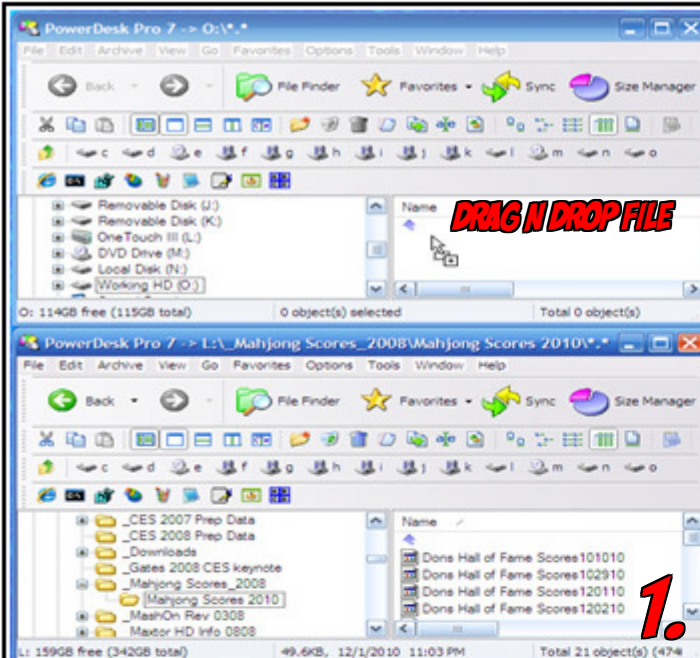


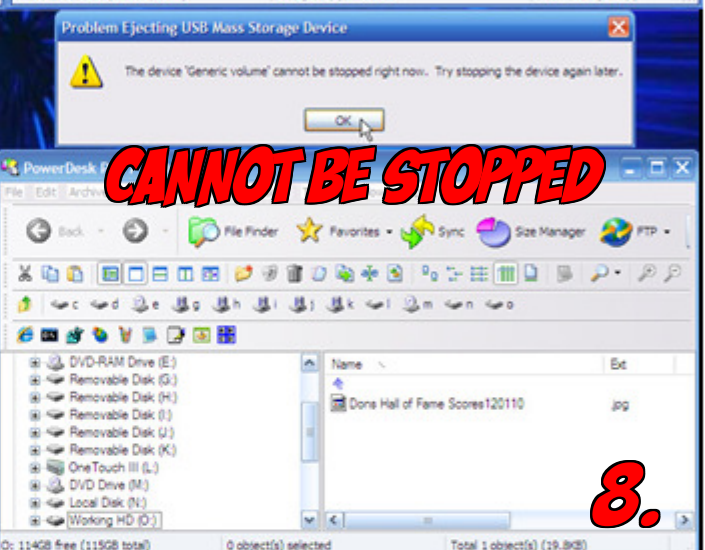
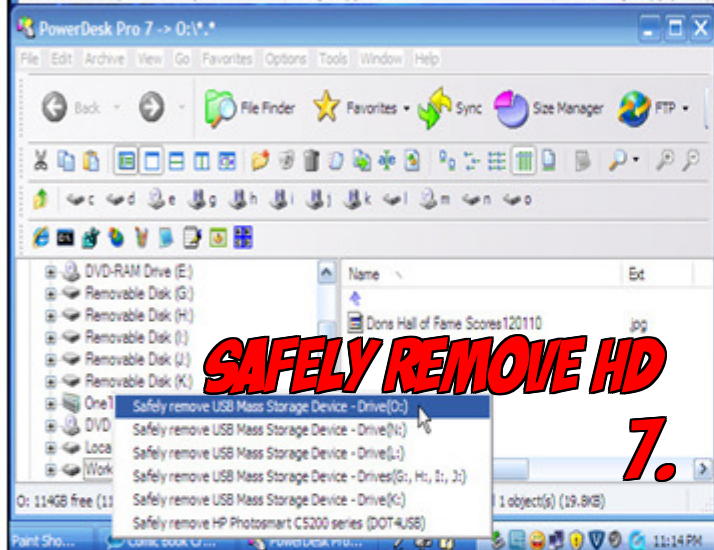
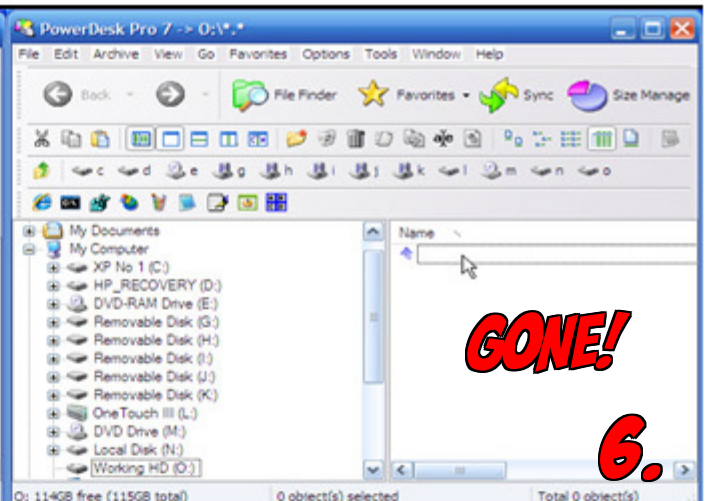
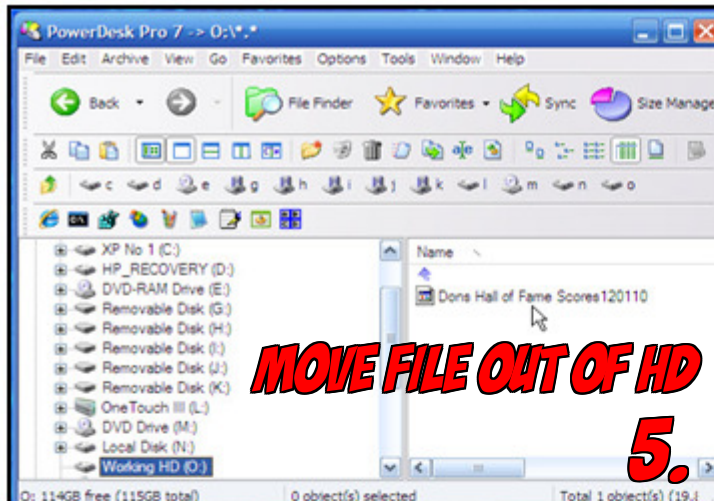
I THINK I CAN HANDLE THAT ONE EASY ENOUGH?

UW! GOOD WORK, DON!









IT'S

Safe To Remove Hardware

The 'USB Mass Storage Device' device can now be safely removed from the system.



object

Cr...



PowerDesk Pro...

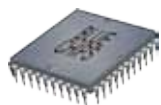


THANK'S
FOR YOUR
PATIENCE...

IT'S
BEEN
FUN
HAVING
YOU
ALONG
FOR
THE
RIDE!



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Utah Blue Chips Calendar

February 2011, March 2011



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Feb 6	Feb 7	Feb 8 	Feb 9 UBC General Meeting U of U 7:00 p.m. CES Report	Feb 10 	Feb 11	Feb 12  Magazine Deadline
Feb 13	Feb 14	Feb 15	Feb 16  U of U 7:00pm	Feb 17	Feb 18	Feb 19
Feb 20	Feb 21	Feb 22	Feb 23	Feb 24	Feb 25	Feb 26
Feb 27	Feb 28	Mar 1	Mar 2	Mar 3 UCS Board of Trustees C&C Bldg. Room N3005 6:30 p.m.	Mar 4	Mar 5
Mar 6	Mar 7	Mar 8	Mar 9 UBC General Meeting U of U 7:00 p.m. TBA 	Mar 10	Mar 11	Mar 12  Magazine Deadline
Mar 13	Mar 14	Mar 15	Mar 16	Mar 17	Mar 18	Mar 19

Blue Chips — Utah's Computer Guide in the 21st Century