



Alan German & Chris Taylor
Ottawa PC Users' Group

Follow-up

Free Canadian Tax Software

Wealthsimple

Wealthsimple Tax

Tax filing made simple

File your taxes with smart technology that is simple, accurate, and secure.

[Get started](#)



Sophie's refund
\$3,489
Change +1,200

|| ...

Tristan Wrubleski

Follow-up

WealthSimple Tax

Pay what you want

With Wealthsimple Tax you
choose what you want to pay
based on your filing experience
— even \$0.



<https://www.wealthsimple.com/en-ca/product/tax>

Share

Fraud Watch



Call Microsoft 1-888-322-9655
Get Instant Help On Security Issues..
Call On Our Toll Free Number.

Instant Help Without Waiting
Call 1-888-322-9655 (Toll Free) and..
Improve Your Computer Health.

Be Updated
Our Profession
Updated With |

Call Microsoft 1-888-322-



WARNING!

YOUR COMPUTER MAY BE INFECTED:

System Detected (2) Potentially Malicious Viruses: *Rootkit.Sirefef.Spy* and *Trojan.FakeAV-Download*. Your Personal & Financial Information **MAY NOT BE SAFE.**

To Remove Viruses, Call Tech Support Online Now:



**Important:
Microsoft error
and warning
messages never
include phone
numbers**

Share

Scam of the week

KnowBe4
Human error. Conquered.

The Omicron-themed phishing emails state, "This letter is to inform you that you have been exposed to a coworker who tested positive for OMICRON variant of COVID-19 sometime between December 18th and 20th. Please take a look at the details in the attached document."

SCAM OF THE WEEK:
Watch Out For Omicron Variant Scams

If the victim opens the Excel document and enables macros, their device will be infected with the Dridex banking Trojan. In a poor attempt at humor, the document will then display a popup showing the COVID-19 Funeral Assistance Helpline number.

<https://blog.knowbe4.com/omicron-themed-phishing-campaign-is-running-rampant>
• you can subscribe to their blog at the above page



OPCUG Fraud Watch webpage

- <https://opcug.ca/fraud-watch/>
- get familiar with types of scams out there
- discover resources that can help

Iqbal Jaswal

Follow-up

OPCUG at the Ottawa Public Library

- 2021 President's Report
- Big drop in number of presentations due to pandemic
- Not the whole story!

Page 3

2021 PRESIDENT'S REPORT

With the pandemic maintaining its grip on the world, the OPCUG settled into a comfortable online existence. Our procurement of a Zoom Pro account in 2020 allowed us to extend member interaction both geographically—with new members across Canada & the United States, and temporally—with weekly Q&A sessions. These benefits continued throughout 2021.

Membership increased 23% in 2021. This was probably largely due to our "two years for the price of one" special that ended in March 2021. If you know anyone who could benefit from being a member of the OPCUG, the special has returned; new members who join before March 31, 2022 will get two year's membership for their \$20.

Getting outside speakers to present at the OPCUG continues to be somewhat of a challenge. In 2021, we had three: Deid Reimer from the Victoria Pi Makers enlightened us about microcontrollers; Mariana Ludmila Cortés from One Laptop Per Child took us on a historical tour of the origins of EdTech; and Tim Cole & Andrea Girones from the Royal Astronomical Society of Canada gave a fascinating presentation on many aspects of astronomy.

The other 7 general meetings had internal OPCUG presenters: Alan and Brigitte on web hosting using WordPress and Elementor; Chris on keeping passwords safe, typography, and logo creation; Lynda on sharing your photos; Stephane on building a database; Tom on Windows Firewall Control &

Weekly Q&A sessions continue to be very popular, with attendance between 30 and 49. We covered a huge range of topics, mostly driven by you, the members. We tackled anything from the simple to advanced with an incredible 354 topics! Presentations decks, audio records, and the contents of the chat window for past Q&As can be found at <https://opcug.ca/qa-topics/>. Everyone is encouraged to contribute info on things you think other members might be interested in, as well as ask your questions about things you hope other members can help with. To our categories of *Follow-up*, *Share*, and *Question*, in 2021 we added *Computer Basics* where we take on subject that may be second nature to old hands, but may mystify novices. Remember: we were all novices at some point. Can you help bring some basic knowledge to others?

Brigitte's newsletter production continued to entertain and enlighten us. Thanks to all who contributed or consumed content. We are always happy to accept new content from new contributors. One of our newest members, Tristan Wrubleski, joined our regular contributors in the December issue with *Introduction to WinGer*. Thanks Tristan!

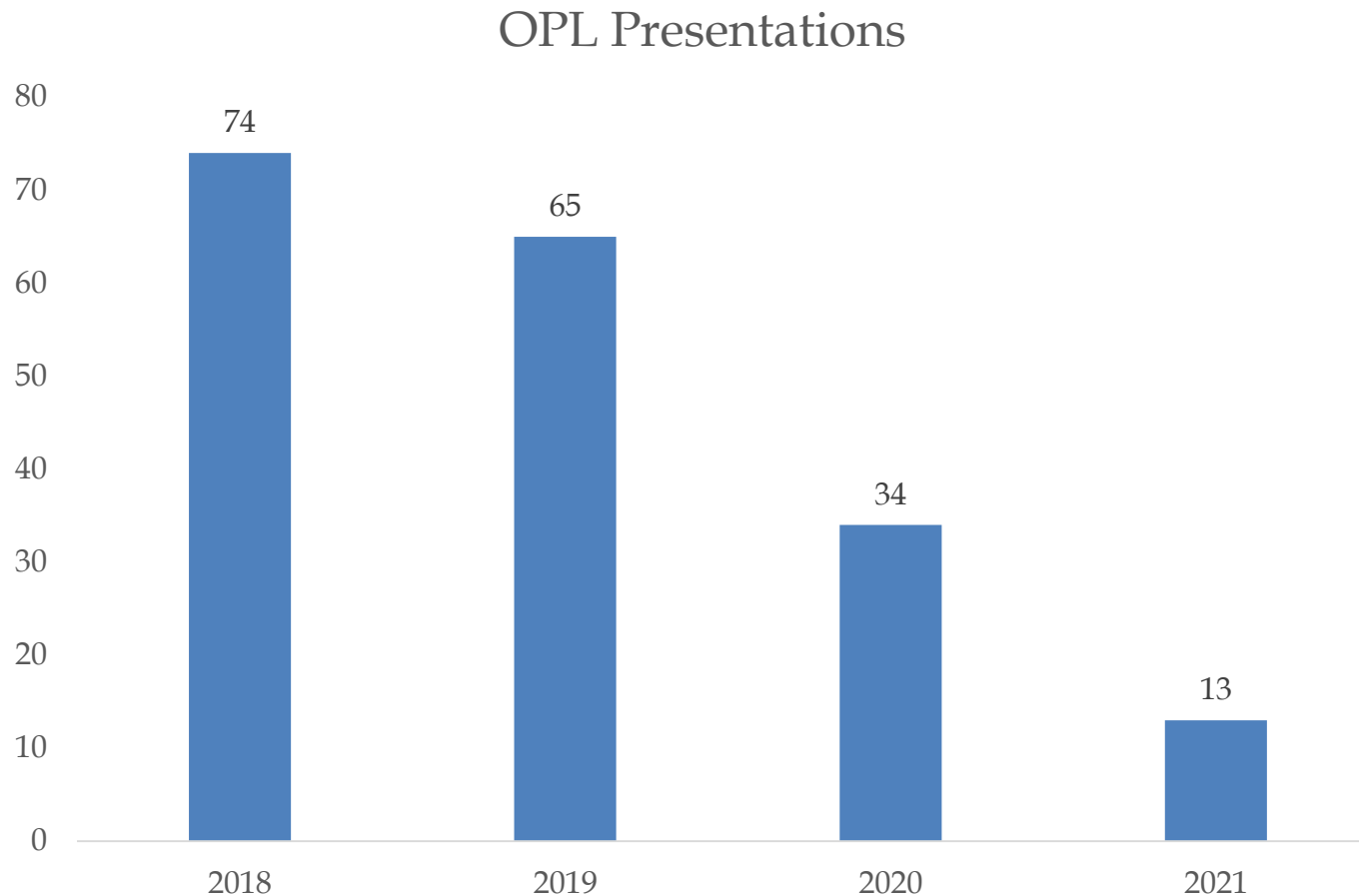
Our long-running venture with the Ottawa Public Library remained throughout 2021. Due to the pandemic, they were all virtual-only sessions and much reduced in number. We only had 13 OPL presentations in 2021, well below the average of 72 in the five pre-pandemic years.

Thanks very much for the contributions of the members of the

Lynda Buske

Follow-up

Number of presentations dropped

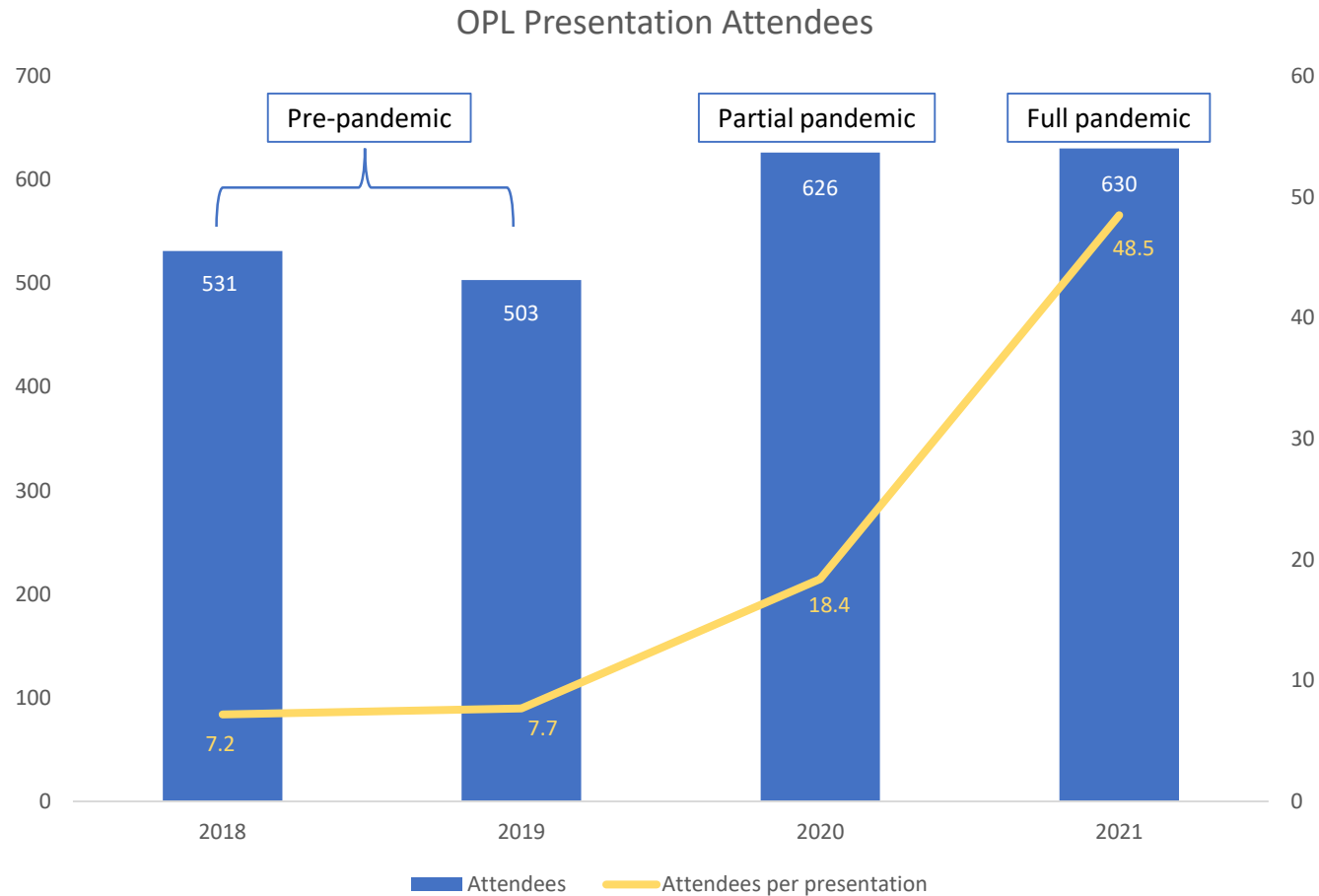


Notes:

- All presentations prior to 2020-03-13 were in-person
- There were no presentations between 2020-03-13 and 2020-05-31
- All presentations after 2020-05-31 were via video conference due to COVID

Follow-up

Attendance up!

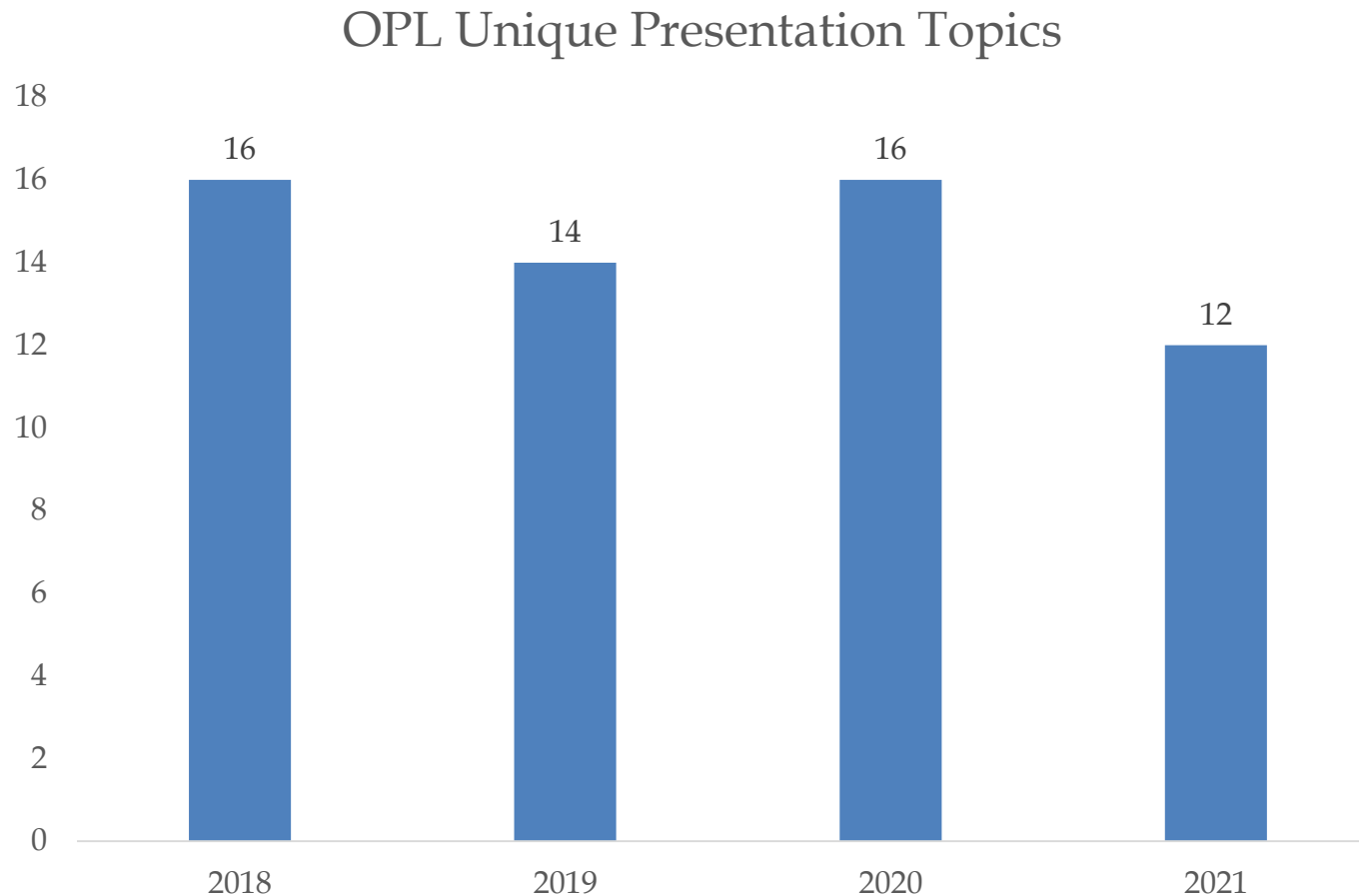


Notes:

- All presentations prior to 2020-03-13 were in-person
- There were no presentations between 2020-03-13 and 2020-05-31
- All presentations after 2020-05-31 were via video conference due to COVID

Follow-up

Number of topics down a bit

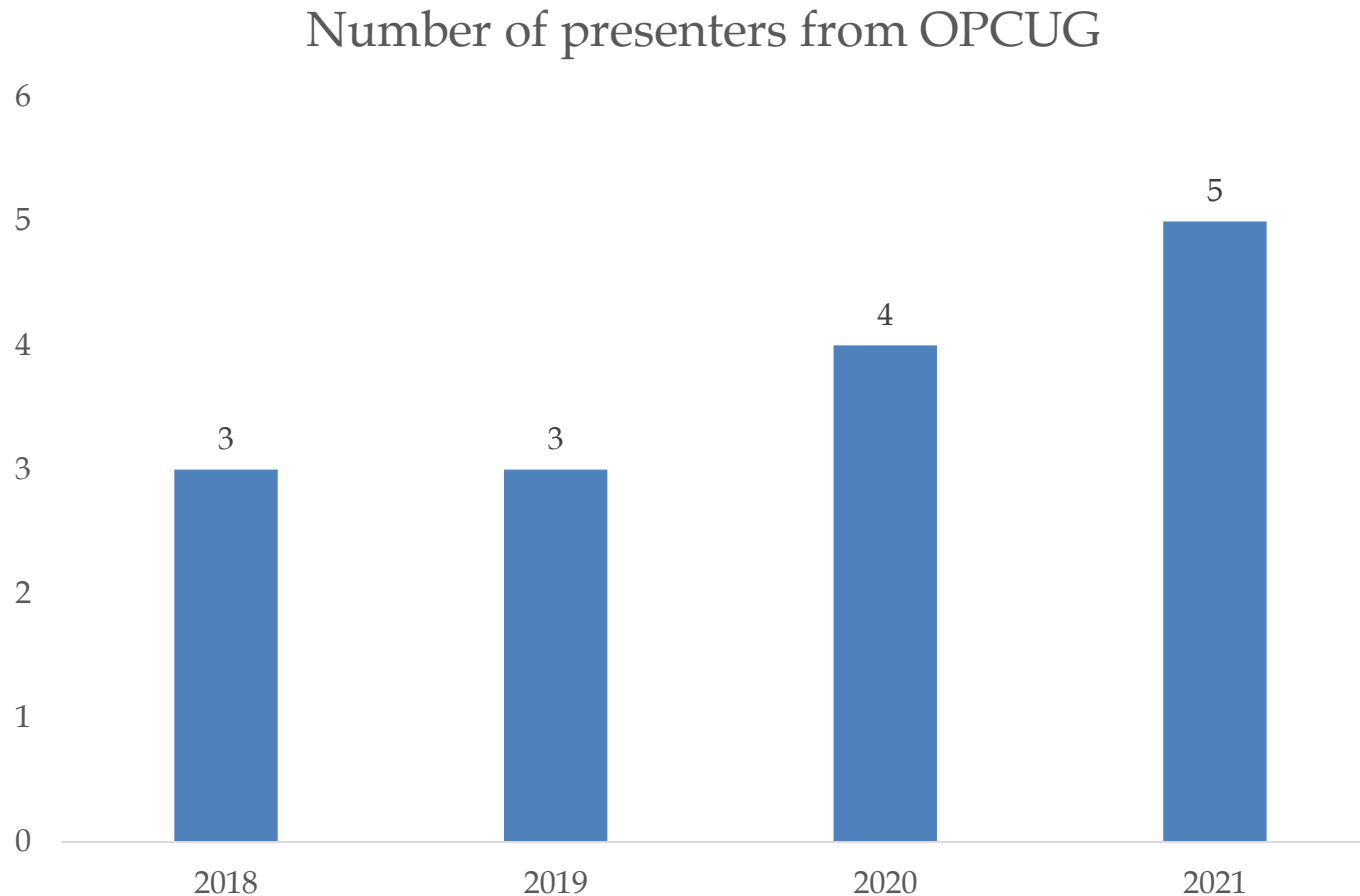


Notes:

- All presentations prior to 2020-03-13 were in-person
- There were no presentations between 2020-03-13 and 2020-05-31
- All presentations after 2020-05-31 were via video conference due to COVID

Follow-up

More presenters!



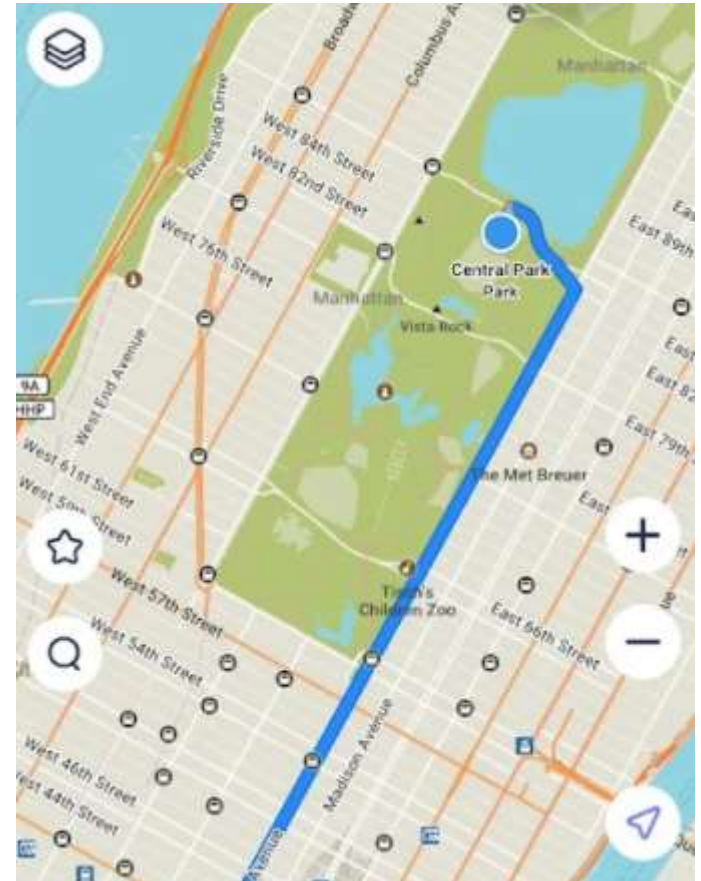
Notes:

- All presentations prior to 2020-03-13 were in-person
- There were no presentations between 2020-03-13 and 2020-05-31
- All presentations after 2020-05-31 were via video conference due to COVID



Maps.ME

- Google maps competitor
- All these maps are downloaded
- No live connection needed
- Flexible - you choose which areas to download.

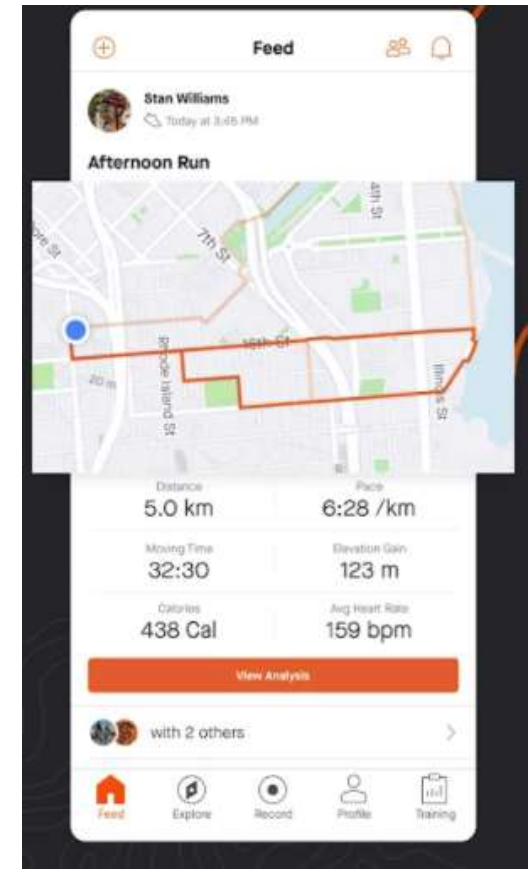


<https://play.google.com/store/apps/details?id=com.mapswithme.maps.pro>



Strava

- I use mainly this app for tracking walks and bike rides.
- It can show graphs of heart rate, distance, speed, and maps.
- It can feed information to Google Fit.
- Serious cyclists use it a lot and compete for best times on routes/sections.



<https://play.google.com/store/apps/details?id=com.strava>

Afternoon Ride



Distance
6.26 km

Elevation Gain
19 m

Moving Time
31:55

Avg Power
50 W

Avg Speed
11.8 km/h

Calories
107 Cal

View Analysis



With someone who didn't record?

Add Others

Avg Speed 11.8 km/h

Max Speed 30.9 km/h

Moving Time 31:55

Elapsed Time 1:48:01

Heart Rate



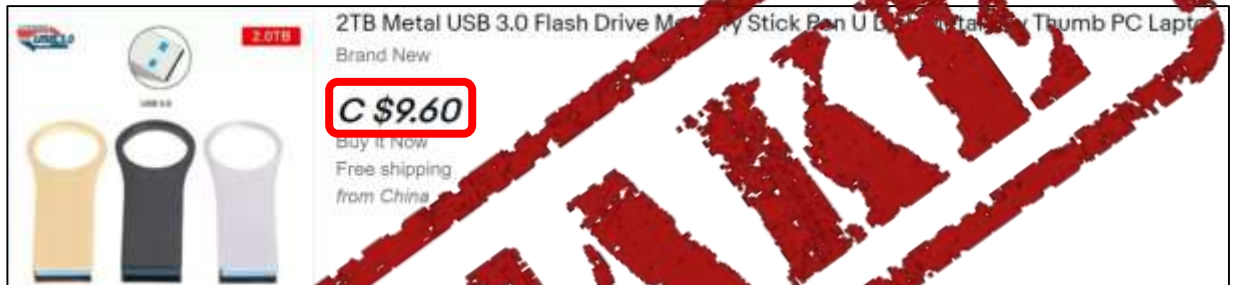
Share

Fantastic flash drive prices!

- Amazon Canada



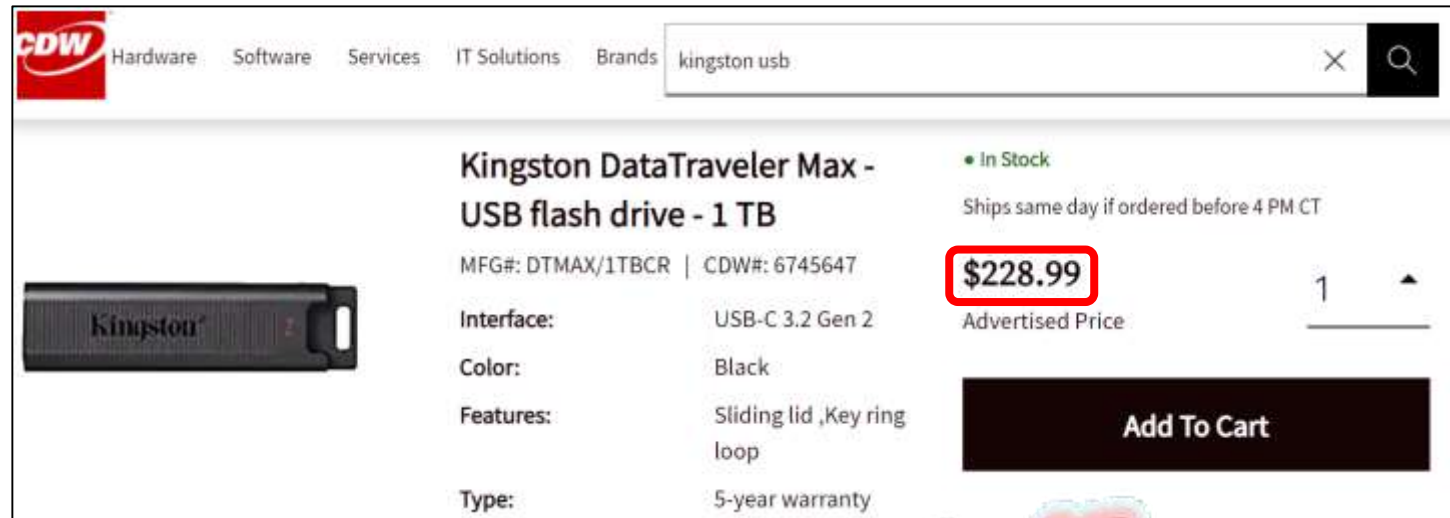
- eBay Canada



Share

Real flash drives

- Kingston



CDW Hardware Software Services IT Solutions Brands kingston usb

Kingston DataTraveler Max - USB flash drive - 1 TB

• In Stock
Ships same day if ordered before 4 PM CT

MFG#: DTMAX/1TBCR | CDW#: 6745647

\$228.99 (Advertised Price)

Interface: USB-C 3.2 Gen 2
Color: Black
Features: Sliding lid, Key ring loop
Type: 5-year warranty

Add To Cart

- Sandisk



BEST BUY Stores Account Cart

Menu Search Best Buy

Home > Cameras & Camcorders > Camera & Camcorder Accessories > Memory Cards & Memory Stick > Product Details

SanDisk Ultra Dual Luxe 1TB USB Type-C/Type-A Flash Drive

★★★★★ 4.6 (40 Reviews) Write your review Model Number: SDDDC4-1T00-G46 Wel

\$229.99 (SAVE \$20)

Capacity: 1000 GB

32 GB \$10.99	64 GB \$29.99	128 GB \$35.99
256 GB \$59.99	512 GB \$119.99	1000 GB \$229.99

Add to Cart

AWWWWWWW

Share

The problem...

- Flash drives have two main components



- Your computer has no idea about capacity
 - talks to controller
 - controller can be programmed to say anything
- If storage capacity less than controller says:
 - your computer sends the data
 - controller can
 - say it wrote the data and just discard it
 - overwrite data in storage that actually exists
 - ???

Share

The solution...

- Unrealistically low price
 - guaranteed fake
- Realistic price
 - no guarantee legit
 - some vendors of fakes raising price to look legit
- Buy from a reputable brand
- Buy from a reputable vendor
- Test!

Share

How to know if fake

- Test!
- Use a program that:
 - writes data across entire device
 - reads back data
- *11 Freeware To Detect Fake USB Flash Drives, SD Cards And SSD Disk*
 - <https://www.geckoandfly.com/22803/detect-fake-usb-flash-drives-sd-cards-ssd-disk/>
 - programs for Windows, Linux, and macOS
- Good video explaining the problem
 - <https://www.youtube.com/watch?v=HFY5hd273II>
 - he uses H2testw to test (included in above list of programs)



Preparing to abandon ^{the windows} ~~ship~~

To-do list:

- ✓ (1) Install Linux on the last remaining computer
- ✓ (2) Identify the current uses of Windows 10
- (3) **Identify Linux-based alternatives**
- (4) Find workarounds if no alternatives exist*

** Are there any show-stoppers?*

- ✓ • Microsoft Word (correspondence, newsletter articles, Treasurer's reports)
- ✓ • Microsoft Excel (macro programming)
- ✓ • Microsoft PowerPoint (Q&A sessions)
- ✓ • Text editor (Notepad++)
- ✓ • Disk image backups (Macrium Reflect)
- ✓ • Digital image management
(FastStone Image Viewer)
- ✓ • File search (Everything)
- ✓ • HTML editor (Homesite)
- ✓ • Garmin GPS (MapSource)
- ✗? • Income tax preparation (Taxman)
- Bosch Crash Data Retrieval Tool (CDR)



Alternatives



Event Data Recorders (EDR)

Bosch Diagnostics



Home

Products ▾

Distributors

Software Downloads

Search



Bosch CDR

Bosch is the world leader in Event Data Recorder (EDR) information and imaging technology. Since 2000, Bosch Crash Data Retrieval (CDR) products have been trusted internationally by law enforcement, crash researchers, auto manufacturers and government agencies to access EDR information on a wide range of passenger cars, light trucks and SUVs.







Six of the victims: Nathan German, 9; Jordan West, 5; Alison Sanders, 7; Jessica Patterson, 3; Cody McNeas, 9; Brezina Wilde, 4.

DEADLY AIR BAGS

How a government prescription for safety became a threat to children

by James R. Healey
and Jayne O'Donnell
USA TODAY

Imagine a heavyweight boxer bashing a child in the face.

That's how accident investigators described the force of the passenger air bag that killed 4-year-old Nathan German in March 1995.

"The pastor had to hold me up when I saw how swollen his head was in the casket," says Nathan's father, Ken German, a geophysicist.

COVER STORY



Why air bags are killing children

The government's occupant protection regulation — Federal Motor Vehicle Safety Standard 208 — is designed to protect the average male not restrained by a seat belt in a 30 mph head-on crash.

To cushion that 5-foot-8-inch, 165-pound man hurtling toward the dashboard

Why air bags are killing children...



Event Record 1

```
40 14 00 00 46 14 00 00 52 89 0D 00 16 00 00 00 A1 47 00 00 AE F3 FF FF C3 1C FE
FF CD AA 01 00 00 00 00 00 5F E3 01 00 96 E4 01 00 BD E5 01 00 82 E7 01 00 BD EB
01 00 AD EE 01 00 EA F4 01 00 0D FD 01 00 ED 04 02 00 9A 0B 02 00 73 12 02 00 13
18 02 00 9F 1D 02 00 A8 21 02 00 8C 24 02 00 BF 25 02 00 43 28 02 00 4D 29 02 00
6C 2A 02 00 C1 2A 02 00 77 2A 02 00 3F 2A 02 00 9C 29 02 00 62 29 02 00 E8 28 02
00 BB 28 02 00 3B 55 FE FF C8 54 FE FF 02 54 FE FF 50 52 FE FF 1E 4F FE FF D6 50
FE FF CD 4E FE FF C4 4D FE FF 7B 4D FE FF 6C 4B FE FF 07 4B FE FF 52 4B FE FF C1
4B FE FF F4 4B FE FF E1 4B FE FF 67 4B FE FF F5 4A FE FF F4 4A FE FF D6 4A FE FF
79 4A FE FF FE 49 FE FF BF 49 FE FF 5F 49 FE FF 33 49 FE FF E6 48 FE FF 3D 49 FE
FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
1A 27 38 27 74 27 65 27 47 27 38 27 38 27 56 27 74 27 92 27 28 28 BE 28 BE 28 82
28 55 28 73 28 10 27 10 27 10 27 04 27 04 27 04 27 04 27 0D 27 0D 27 0D 27 0D 27
10 27 10 27 10 27 10 27 10 27 10 27 10 27 10 27 10 27 1E 27 1E 27 1A 27 1A
27 1A 27 1A 27 1A 27 1A 27 CD 07 CA 07 BA 07 CC 07 C0 07 C4 07 C3 07 BB 07 B1 07
33 07 86 05 EB 04 16 05 E4 04 B4 04 A1 04 98 04 B4 04 54 04 7D 04 99 04 48 04 D4
07 D2 07 DF 07 D8 07 D4 07 CE 07 D4 07 C7 07 CE 07 D6 07 D9 07 CC 07 C5 07 C4 07
C3 07 D1 07 D5 07 BF 07 D2 07 C4 07 C7 07 CD 07 CF 07 CC 07 D0 07 CA 07 BA 07 BA
07 C0 07 E1 07 D9 07 E4 07 EB 07 F8 07 F5 07 E6 07 FA 07 2F 08 1D 08 13 08 DF 07
F9 07 16 08 1C 08 42 08 A5 08 F8 08 CE 08 A6 08 BA 08 B0 08 F3 07 F0 07 D3 07 D8
```



System Status at Retrieval

EDR Version	1.3.2.0
-------------	---------

System Status at Event (Event Record 1)

Multi-Event, Number of Events (1, 2)	1
Complete File Recorded (Yes/No)	Yes
Ignition Cycle, Download	1381
Maximum Delta-V, Longitudinal (MPH [km/h])	-30 [-48]
Time, Maximum Delta-V, Longitudinal (msec)	282.5
Maximum Delta-V, Lateral (MPH [km/h])	4 [6]
Time, Maximum Delta-V, Lateral (msec)	282.5
Time, Maximum Delta-V, Resultant (msec)	282.5
Time, Accelerometer Range Exceeded, Longitudinal (msec)	0
Time, Accelerometer Range Exceeded, Lateral (msec)	0
Time, Accelerometer Range Exceeded, Normal (msec)	0

Deployment Command Data (Event Record 1)

Pretensioner Deployment, Time to Fire, Driver (msec)	10
Pretensioner Deployment, Time to Fire, Right Front Passenger (msec)	10
Frontal Air Bag Deployment, Time to Deploy First Stage, Driver (msec)	38
Frontal Air Bag Deployment, Time to Deploy First Stage, Right Front Passenger (msec)	33
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (msec)	78
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (msec)	73
Side Air Bag Deployment, Time to Deploy, Driver (msec)	0
Side Air Bag Deployment, Time to Deploy, Right Front Passenger (msec)	0
Side Curtain/Tube Air Bag Deployment, Time to Deploy, Driver Side (msec)	0
Side Curtain/Tube Air Bag Deployment, Time to Deploy, Right Side (msec)	65
Frontal Air Bag Deployment, 2nd Stage Disposal, Driver (Yes/No)	No
Frontal Air Bag Deployment, 2nd Stage Disposal, Right Front Passenger (Yes/No)	No

Pre-Crash Data -1 sec (Event Record 1)

Safety Belt Status, Driver	On
Safety Belt Status, Right Front Passenger	On
Seat Track Position Switch, Foremost, Status, Driver	No
Occupant Size Classification, Right Front Passenger Airbag Suppressed (Yes/No)	No
Frontal Air Bag Warning Lamp (On, Off)	Off
Ignition Cycle, Crash	1378



System Status at Retrieval

EDR Version	1.3.2.0
-------------	---------

System Status at Event (Event Record 1)

Multi-Event, Number of Events (1, 2)	1
Complete File Recorded (Yes/No)	Yes
Ignition Cycle, Download	1381
Maximum Delta-V, Longitudinal (MPH [km/h])	-30 [-48]
Time, Maximum Delta-V, Longitudinal (msec)	
Maximum Delta-V, Lateral (MPH [km/h])	
Time, Maximum Delta-V, Lateral (msec)	
Time, Maximum Delta-V, Resultant (msec)	
Time, Accelerometer Range Exceeded, Longitudinal (msec)	0
Time, Accelerometer Range Exceeded, Lateral (msec)	0
Time, Accelerometer Range Exceeded, Normal (msec)	0

Delta-V = 48 km/h

Deployment Command Data (Event Record 1)

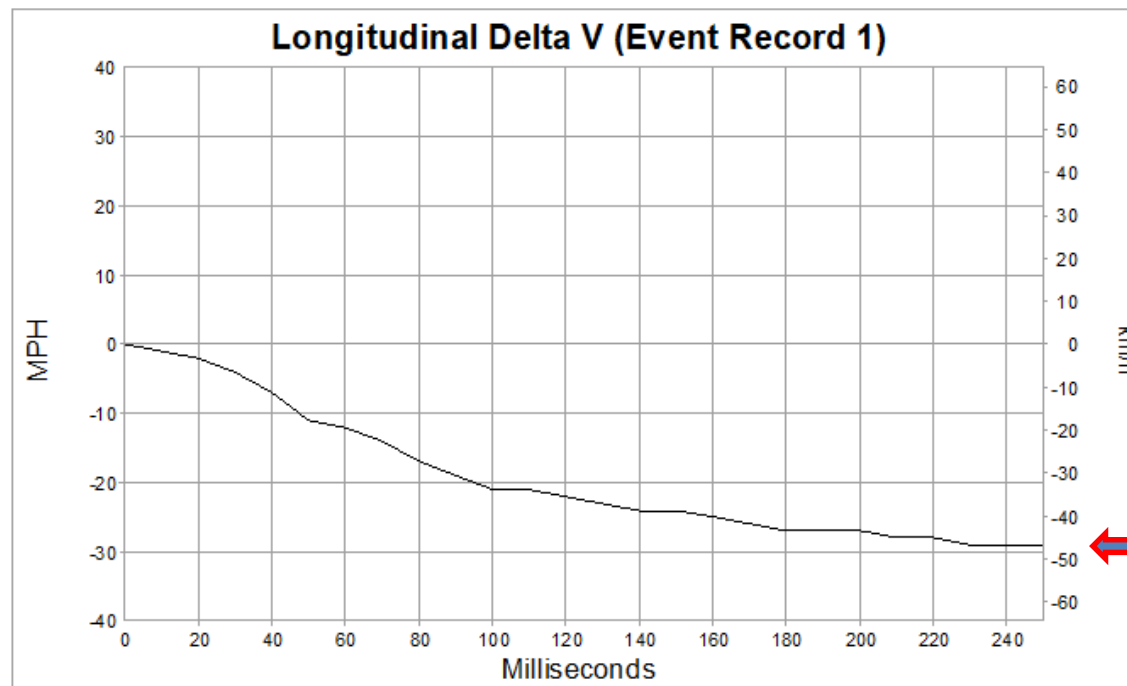
Pretensioner Deployment, Time to Fire, Driver (msec)	10
Pretensioner Deployment, Time to Fire, Right Front Passenger (msec)	10
Frontal Air Bag Deployment, Time to Deploy First Stage, Driver (msec)	38
Frontal Air Bag Deployment, Time to Deploy First Stage, Right Front Passenger (msec)	
Frontal Air Bag Deployment, Time to 2nd Stage, Driver (msec)	
Frontal Air Bag Deployment, Time to 2nd Stage, Right Front Passenger (msec)	
Side Air Bag Deployment, Time to Deploy, Driver (msec)	
Side Air Bag Deployment, Time to Deploy, Right Front Passenger (msec)	0
Side Curtain/Tube Air Bag Deployment, Time to Deploy, Driver Side (msec)	0
Side Curtain/Tube Air Bag Deployment, Time to Deploy, Right Side (msec)	65
Frontal Air Bag Deployment, 2nd Stage Disposal, Driver (Yes/No)	No
Frontal Air Bag Deployment, 2nd Stage Disposal, Right Front Passenger (Yes/No)	No

Deployment time = 38 ms

Pre-Crash Data -1 sec (Event Record 1)

Safety Belt Status, Driver	On
Safety Belt Status, Right Front Passenger	On
Seat Track Position Switch, Foremost, Status, Driver	
Occupant Size Classification, Right Front Passenger Airbag Suppressed (Yes/No)	
Frontal Air Bag Warning Lamp (On, Off)	
Ignition Cycle, Crash	

Seat belt = On



Longitudinal Delta V (Event Record 1)

Time (msec)	MPH [km/h]
0	0 [0]
10	-1 [-2]
20	-2 [-3]
30	-4 [-6]
40	-7 [-12]
50	-11 [-17]
60	-12 [-20]
70	-14 [-23]
80	-17 [-27]
90	-19 [-30]
100	-21 [-33]
110	-21 [-34]

Crash pulse
Delta-V = 48 km/h

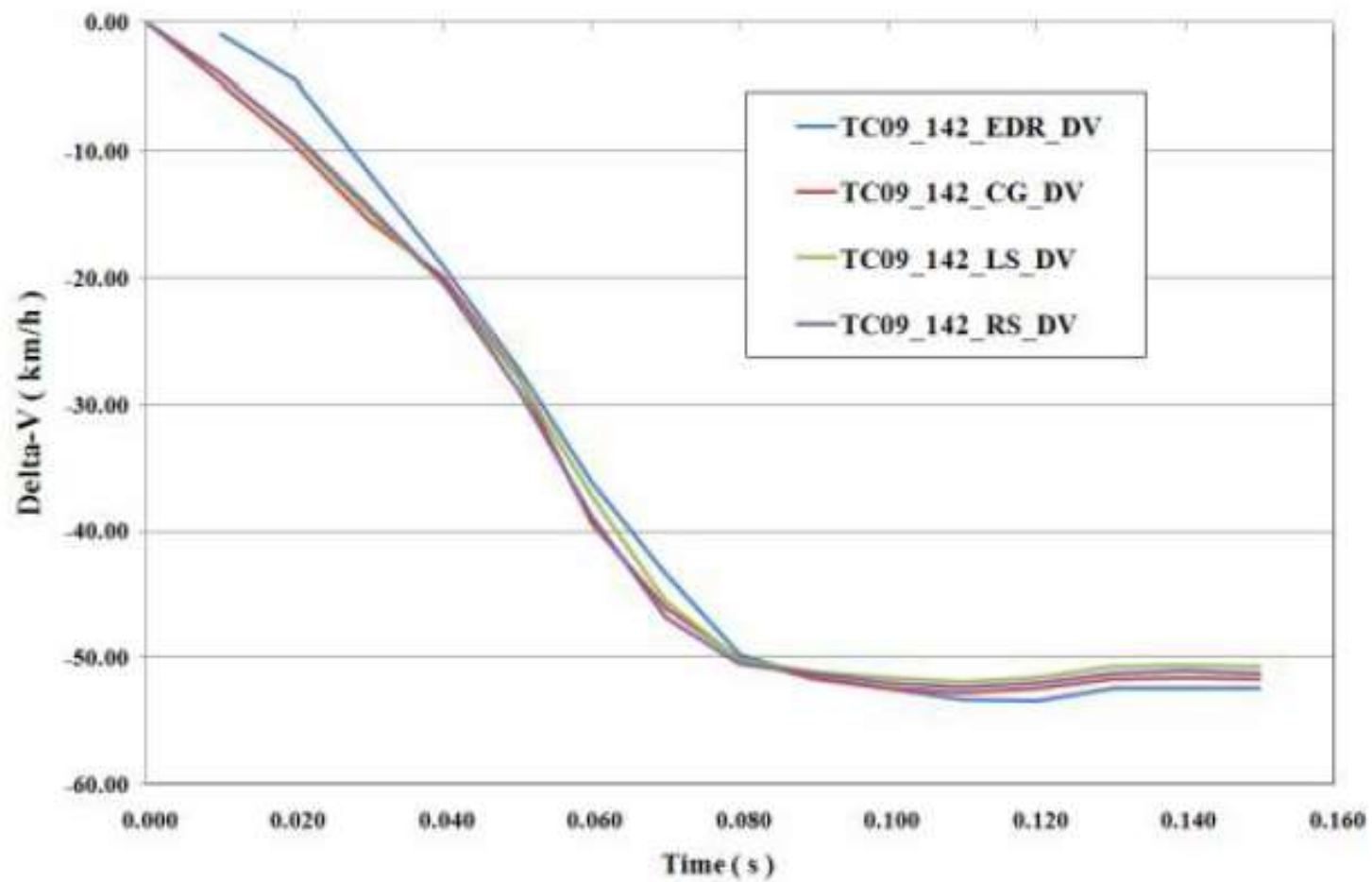


Figure 6. 2009 Pontiac G8 (TC09-142).



Pre-Crash Data -5 to 0 sec [2 samples/sec] (Event Record 1) - Table 1 of 2

Pre-crash speed = 91 km/h @ t = -5s

Time Stamp (sec)	Speed, Vehicle Indicated (MPH [km/h])	Accelerator Pedal Position, % full	Service Brake (On, Off)	ABS Activity (On, Off)	Stability Control (On, Off, Engaged)	Steering Input (deg)	Engine RPM	Derived Accelerator Pedal Position, % full
-5.0	57 [91]	23	Off	Off	On Non-Engaged	0	1,500	23
-4.5	57 [91]	26	Off	Off	On Non-Engaged	-5	1,600	26
-4.0	57 [91]	0	Off	Off	On Non-Engaged	-5	1,500	0
-3.5	57 [91]	0	Off	Off	On Non-Engaged	0	1,400	0
-3.0	57 [91]	0	Off	Off	On Non-Engaged	0	1,400	0
-2.5	57 [91]	15	Off	Off	On Non-Engaged	0	1,400	15
-2.0	57 [91]	21	Off	Off	On Non-Engaged	0	1,500	21
-1.5	57 [91]	0	Off	Off	On Non-Engaged	-5	1,500	0
-1.0	56 [90]	0	On	Off	On Non-Engaged	-5	1,100	0
-0.5	56 [90]	0	On	On	Engaged	-5	1,100	0
0.0	42 [68]	0	On	On	On Non-Engaged	-5	1,100	0

Brakes applied @ t = -1 s

The Use of Event Data Recorders in the Analysis of Unintended Acceleration Incidents

Case No.	Brake						Accelerator					
	-5	-4	-3	-2	-1	0	-5	-4	-3	-2	-1	0
6	Off	Off	Off	Off	Off	Off	High	High	High	High	High	High
19	Off	Off	Off	Off	Off	Off	High	High	High	High	High	High
12	Off	Off	Off	Off	Off	Off	High	High	High	High	High	High
15	Off	Off	Off	Off	Off	Off	High	High	High	High	High	High
11	Off	Off	Off	Off	Off	Off	Medium	High	High	High	High	High
10	Off	Off	Off	Off	Off	Off	Medium	High	High	High	High	High
13	Off	Off	Off	Off	Off	Off	High	High	High	Low	High	High
16	Off	Off	Off	Off	Off	Off	Off	Low	High	High	High	High
2	Off	Off	Off	Off	Off	Off	Off	Off	Low	High	High	Medium
3	Off	Off	Off	Off	Off	Off	Off	Off	Off	High	Medium	High
7	Off	Off	Off	Off	Off	Off	Low	Low	Low	Low	High	High
18	Off	Off	Off	Off	On	Off	Off	Low	Low	Medium	Off	High
4	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Medium	High
9	Off	Off	Off	Off	Off	On	Off	Off	Low	Low	High	Off
22	On	On	Off	Off	Off	Off	Medium	Medium	Medium	Medium	Medium	Medium
1	Off	Off	Off	Off	Off	Off	Off	Low	Medium	Low	Low	Medium
17	Off	Off	Off	Off	Off	Off	Off	Off	Off	Low	Medium	Off
14	On	Off	Off	Off	Off	On	Off	Off	Off	Medium	Off	Off
20	Off	Off	Off	Off	Off	On	Low	Low	Low	Low	Low	Low
21	Off	Off	Off	Off	Off	Off	Off	Low	Low	Low	Low	Low
8	Off	Off	Off	Off	Off	Off	Low	Low	Low	Low	Off	Off
5	Off	Off	Off	On	On	On	Off	Off	Off	Off	Off	Off

Figure 3. Pre-Crash EDR Data

Pre-Crash Data (Event Record 1 - table 3 of 5)

(the most recent sampled values are recorded prior to the event)

Time Stamp (sec)	Steering Input (deg) (if equip.)	Yaw Rate (deg/sec) (if equip.)	Wheel Speed LF (RPM) (if equip.)	Wheel Speed RF (RPM) (if equip.)	Wheel Speed LR (RPM) (if equip.)	Wheel Speed RR (RPM) (if equip.)
-2.0	5	0	552	553	552	554
-1.9	5	0	552	552	552	552
-1.8	4	1	553	552	553	553
-1.7	-10	0	553	554	552	558
-1.6	-31	-2	529	522	552	545
-1.5	-63	-7	536	529	534	527
-1.4	-84	-12	521	485	522	501
-1.3	-104	-17	509	470	509	370
-1.2	-91	-21	360	435	493	456
-1.1	-34	-16	480	464	483	431
-1.0	-46	-10	445	419	470	451
-0.9	-56	-4	457	398	446	434
-0.8	1	-5	425	414	434	423
-0.7	42	0	265	416	418	412
-0.6	132	6	385	351	396	403
-0.5	201	13	177	377	309	390
-0.4	257	18	314	383	352	388
-0.3	316	24	210	364	342	377
-0.2	319	31	93	309	331	366
-0.1	327	21	205	268	334	141

Figure 7 Steering Input Data for the 2010 Dodge Journey
(Right steer = Yellow; Left steer = Blue)

Pre-Crash Data -5 to 0 sec [2 samples/sec] (Event Record 1) - Table 2 of 3

Time Stamp (sec)	PCM Derived Accelerator Pedal Position, % full	Forward Collision Warning (Not Warning/Warning)	Collision Mitigation Braking System (Not Engaged/Engaged)	Collision Mitigation Braking System, Forward Collision Warning (On/Off)	Lane Departure Warning (Not Warning/Warning)	Road Departure Mitigation (Not Engaged/Engaged)	Road Departure Mitigation, Lane Departure Warning (On/Off)
-5.0	16	Not warning	Not engaged	On	Not warning	Not engaged	Off
-4.5	8	Not warning	Not engaged	On	Not warning	Not engaged	Off
-4.0	11	Not warning	Not engaged	On	Not warning	Not engaged	Off
-3.5	13	Not warning	Not engaged	On	Not warning	Not engaged	Off
-3.0	18	Not warning	Not engaged	On	Not warning	Not engaged	Off
-2.5	18	Not warning	Not engaged	On	Not warning	Not engaged	Off
-2.0	17	Not warning	Not engaged	On	Not warning	Not engaged	Off
-1.5	0	Warning	Engaged	On	Not warning	Not engaged	Off
-1.0	0	Warning	Engaged	On	Not warning	Not engaged	Off
-0.5	0	Warning	Engaged	On	Not warning	Not engaged	Off
0.0	0	Warning	Engaged	On	Not warning	Not engaged	Off

Crash Recorders



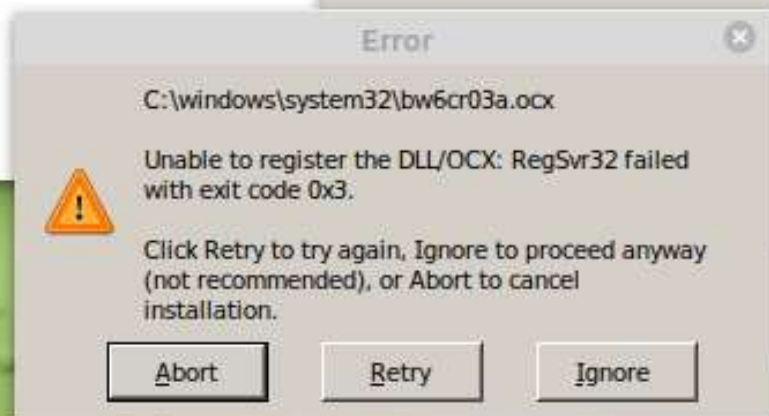
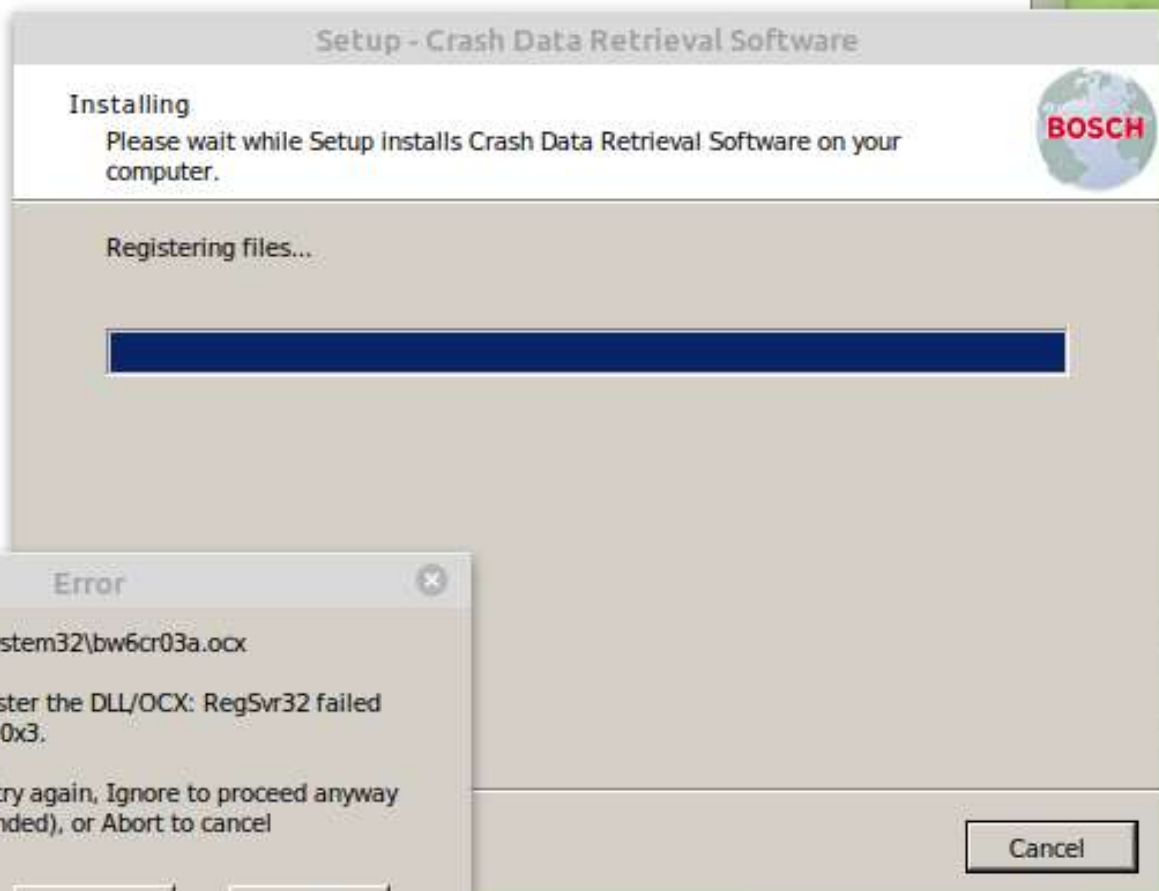
**Black
Boxes**

or

**Silver
Bullets**



```
toaster@i7-Inspiron: ~/.wine
File Edit View Search Terminal Help
toaster@i7-Inspiron:~$ cd .wine
toaster@i7-Inspiron:~/wine$ wine CDR212Setup.exe
002d:err:richedit:ReadStyleSheet missing style number
0047:err:module:import_dll Library MSVBVM60.DLL (which is needed by L"C:\\window
s\\system32\\bw6cr03a.ocx") not found
```



- ✓ • Microsoft Word (correspondence, newsletter articles, Treasurer's reports)
- ✓ • Microsoft Excel (macro programming)
- ✓ • Microsoft PowerPoint (Q&A sessions)
- ✓ • Text editor (Notepad++)
- ✓ • Disk image backups (Macrium Reflect)
- ✓ • Digital image management (FastStone Image Viewer)
- ✓ • File search (Everything)
- ✓ • HTML editor (Homesite)
- ✓ • Garmin GPS (MapSource)
- ✗ • Income tax preparation (Taxman)
- ✗ • Bosch Crash Data Retrieval Tool (CDR)



Alternatives



Privacy Online



Part 2 – Browsers and Browser Settings



**Any other:
Questions
Comments
Shares?**

Two Good to Miss!

- Join OPCUG before March 31st
- Pay the annual membership fee of \$20.00
- Receive a free-year's membership

**Two years for
the price of one!**

<https://opcug.ca/join-or-renew/>



Already an OPCUG Member?



Don't renew your membership !

Your membership
expiry date will be
extended by another
year at no cost

January Meeting



Encryption 101

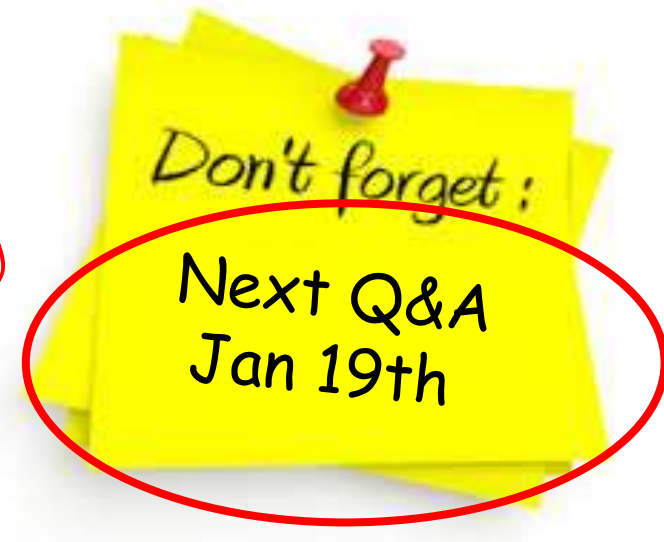
Stephane Richard

January 12, 2022
7:30 pm





No Q&A on
January 12
(Monthly Meeting)



**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca

