News, Resources and Useful Information for the Online Investigative and OSINT Professional from Toddington International Inc.

Toddington International Inc.

Online Research and Intelligence Newsletter
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Welcome to the Newsletter

We are pleased to be unveiling our new website this month along with a substantial number of new classroom based training programs.

We are also pleased to have two brand new e-Learning courses available:

Strategic Intelligence Analysis

This two-level e-learning course that uses a combination of online lesson materials and applied learning scenarios to provide an understanding and hands-on appreciation of the concepts, principles, and methods that inform strategic analysis tasks.

Criminal Intelligence Analysis

A two-level program designed with aspiring and newly appointed criminal intelligence analysts, as well as other interested law enforcement and investigative professionals in mind. This course provides a rich and interesting opportunity to explore the key concepts behind the criminal intelligence analysis process and incorporates a variety of learning activities, practical assignments,

and quizzes to consolidate learning.

For more information about these e-Learning courses or our other specialized and customized training programs, contact us.

Congratulations to the following students who have successfully completed the 40 hour **Using the Internet as an Investigative Research Tool™** e-Learning program:

- Richard Killips - Investigative Services of Northern MI
- Adam Hubbard - Six Technologies Inc.

Comprehensive E-Learning Program:

Using the Internet as an Investigative Research Tool™

Faster Learning and Higher Retention

Did you know e-Learners experience significantly higher rates of retention than classroom course attendees, and they learn in 30-60% less time than attending a comparable classroom course? Various recently published studies show that *individuals taking online courses often retain up to 100% more information than if they took a comparable classroom course.*

Trusted by Thousands

Initially launched in 1998, continually updated and recently redesigned, this

highly acclaimed program has been successfully completed by over **eight thousand investigators**, researchers, and open source intelligence professionals worldwide.

Cost Effective

For a fraction of the cost of a classroom-based training course, this flexible and interactive virtual classroom environment allows students to progress at their own pace and competency level with *a qualified personal instructor on hand at all times to ensure success.*

Accredited and Tax Deductable

As a HRSDC certified educational institution, TII provides Canadian students with a *T2202 Tax Receipt and a Certificate of Completion from the Ontario Police College*.

Easy and Immediate Enrollment

Enrollment takes only a few moments; online credit card payments are accepted, *group discounts and licensing options are available.*

Sign up now for only $499

Tuition fee includes a one-year subscription to the newly revised and updated TII Premium Resource Knowledge Base, a premium database of some 4,000 deep web resources and sites (a $299 Value)

Visit the TII e-Learning page **to find out more and instantly register, or** contact us **directly with any questions**

How to Capture Audio and Video Files Sent Using Facebook Messenger

By Allan Rush,
Dyfed Powys Police

The Facebook "Messenger" App features include the ability to communicate with another user by:

- Voice call or Video call
- Send photos stored locally or take and send a photo instantly
- Instantly record video and audio files and send

In addition the web version of Facebook allows any file to be sent via messages (picture, video, audio or document).

So how do we capture these if an investigation requires the evidencing of audio or video files sent between users via Facebook messages / Messenger?

Firstly, it's worth pointing out that any messages (or attachment) sent via Facebook Messenger will also appear in the messages section of Facebook (Messenger is not separate to messages).

Secondly, in order to capture these details we will need access to the Facebook profile where the files are saved. This action could be performed by the profile owner (subject) or

by appropriately trained staff (Network Investigator) with the **correct consent and authorisation**.

Instructions on obtaining any Video files:

Access Facebook using your web browser (IE11, Firefox, or Chrome) and login to the relevant profile. Video files are available to download from these web Browsers by simply selecting the video from the message section and a "download" option is displayed in the bottom right of the video (see below).

Select the option to save and where available "save as" to name the file and choose the destination folder. Where the "save as" option is not available (Firefox) the file will automatically be saved to the "Downloads" folder on your computer.
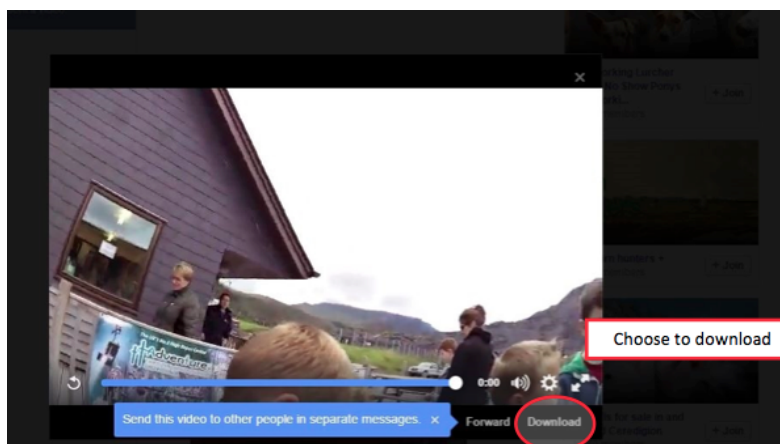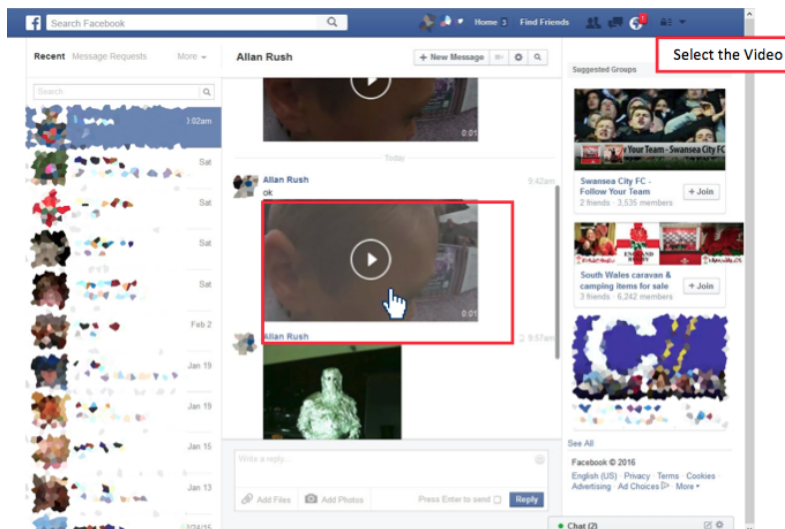

Instructions on obtaining any Audio files:

First Method (no additional software required):

Access Facebook using your web browser (IE11, Firefox or Chrome) and login to the relevant profile. Then change the URL in the address bar from www.facebook.com/blahblah to m.facebook.com/blahblah (just double click the www and type 'm') then press enter / return which will take you to the 'mobile' version of Facebook.

The screen will alter the way Facebook is displayed and should something like this…
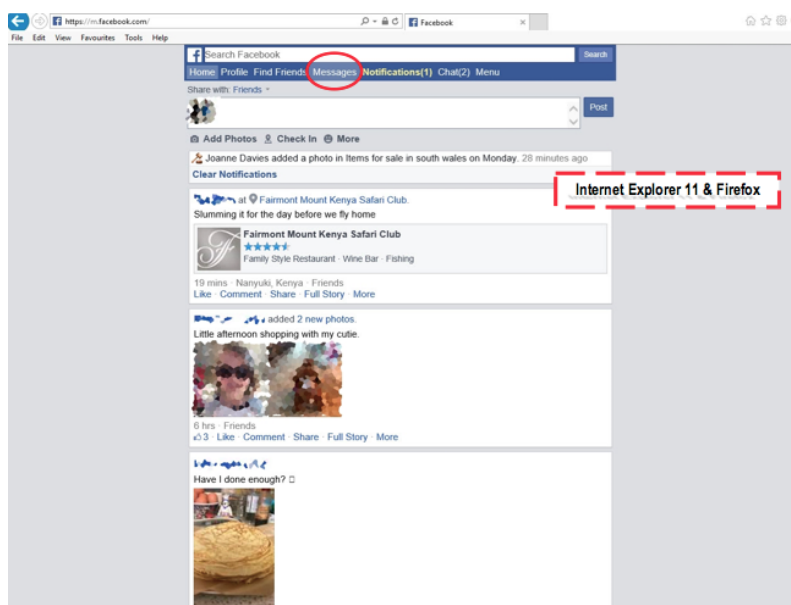
From here select the messages section (highlighted on the images above), which will take you to a screen like this…(in Chrome after selecting messages then click on "see all messages" at the bottom of the list of messages displayed).

If the conversation of interest is not included in the first list that is revealed either use the "Search Messages" field (highlighted above) for the name of the other use in the conversation (not the one who's account you are logged into).

Alternatively select one of the other options; "view message requests" or "view filtered messages", as unsolicited messages from those who are not friends with the user are stored here.

Select the conversation of interest and record any details as necessary.

When the audio file is displayed follow these instructions for IE11 & Firefox:

Left click the 'audioclip' file which will open a new tab on the browser and then offer the option to save the file.
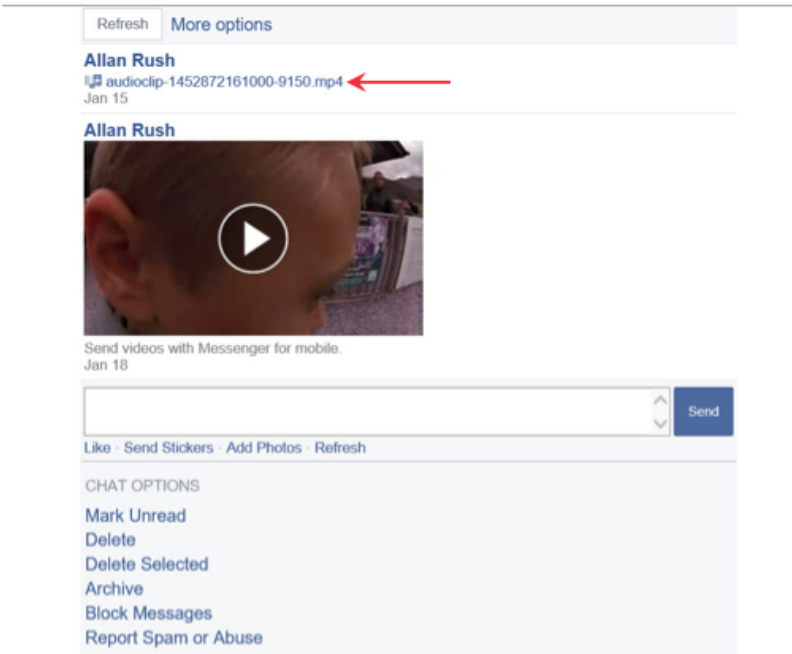
Firefox will let you open or "save", choose save and the file will save to the "downloads" folder on your computer.
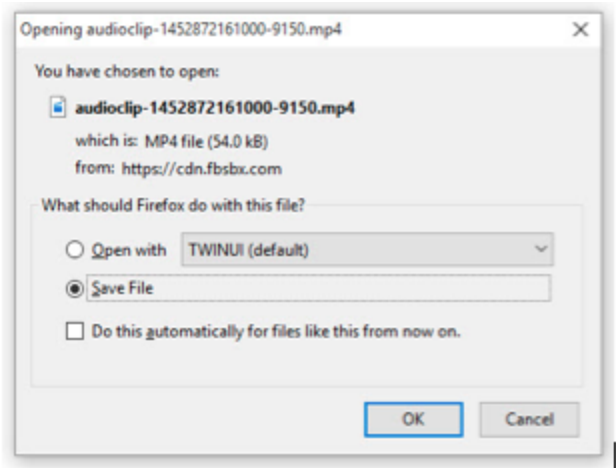

Second Method (additional software required):

This works with Firefox and Chrome and requires an add-on to be installed named "**Video Downloadhelper**" (similar add-ons are available on IE but are not illustrated here).

Access Facebook using your web browser (Firefox, or Chrome) and login to the relevant profile. From here select the messages section (highlighted below).
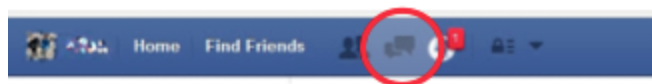
This will take you to a screen like this…
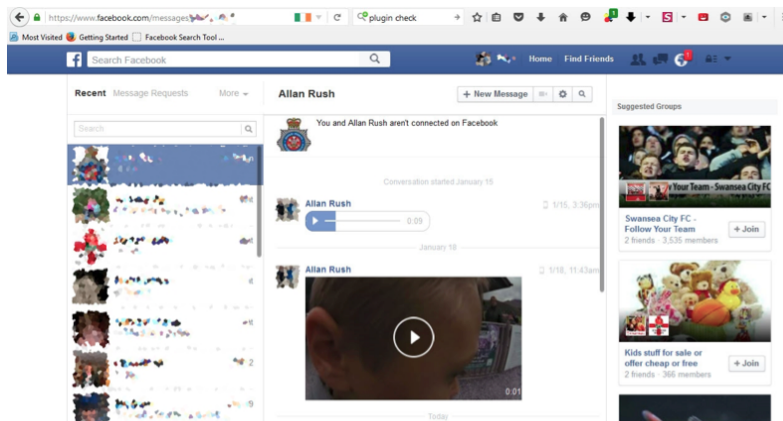
Once here select to play the audio file (and pause it again). This will allow "Video Downloadhelper" to identify the audio file and allow you to download it to your computer. Click the icon for Video Downloadhelper in the web browser tool bar as below.
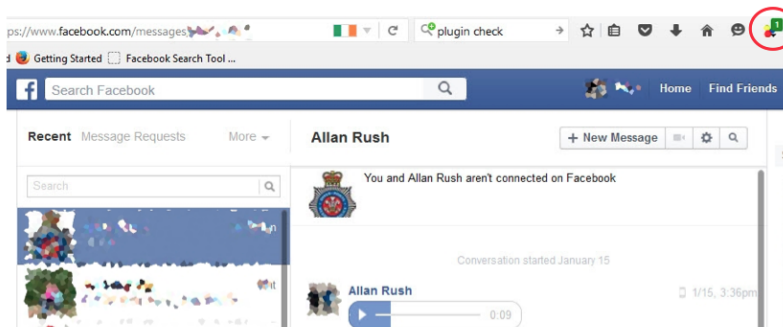
This will open a drop down menu of any content Video Downloadhelper has identified on the webpage you are viewing (see below). Ensure to select the correct file (check the file name as other content may be available to download from the web page) which will open a menu window allowing you to choose the file name and destination folder.
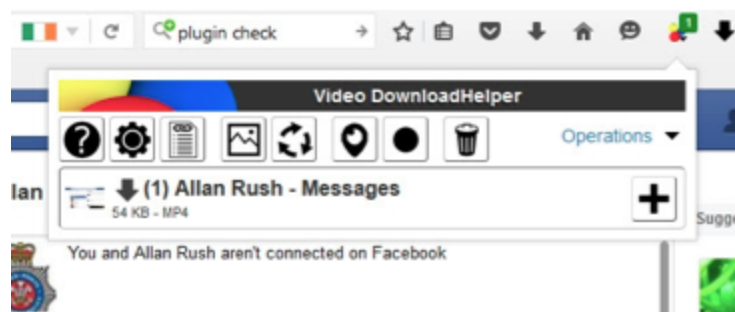
Please note that audio and video files can only be forwarded to another recipient using the Messenger App on a mobile device and not downloaded (as at February2016).

This line of enquiry will likely fall within collecting messages sent between 2 or more parties and these should be collected using appropriate methods (such as screen grabs) as necessary, which should also assist in the attribution of the audio / video files.

Echosec - Location Based Social Media Search

Enhance your situational awareness in real-time. Monitor at-risk locations to generate leads, gather intelligence and cut-down on response time.

Location-based Search
Alerts & Notifications

Keyword and Hashtag Search
Person of Interest Tracking
Real-time Streaming
10+ Social Media Feeds

Try **Echosec Pro** Free for 10 Days
or
Request a Demo and Learn More about the Enhanced
Features of **Echosec Enterprise**

Resources for the OSINT Professional

whatcha.xyz - Billing itself as the "ultimate WhatsApp spying tool", claims to track offline activity among other things

Ink361 - Instagram discovery tool

Millionshort - Search engine that makes it easier to find pages buried below the most popular results on other sites

Perisearch - Periscope live search site

Qwant - French based (beta) search engine that does not track users or "filter bubble" results

Yougetsignal - Visual trace route and WHOIS lookup utility

Delicious - Online bookmarking site; discover, share, and organize online links

Yandex Translate - Online translation tool particular good for Russian and Eastern European languages

Networksolutions - WHOIS records, searchable by IP address or domain name

That's Them - Comprehensive people search engine

Httrack - Website copier for downloading entire websites

Icerocket - Blog search engine

Boardreader - Search engine for locating discussion forums or message boards

CPIC - Canadian Police Information Centre stolen vehicle and property search

Panopticlick - Tool for analyzing how well your browser and add-ons protect you against online tracking techniques

Cognitive Traps Investigators and Intelligence Analysts need to know

CLUSTERING ILLUSION

Clustering illusion is the cognitive bias of seeing a pattern in what is actually a random sequence of numbers or events. It is a type of apophenia related to the gambler's fallacy.

A simple way to understand this illusion is to imagine casting ten pennies in a one foot square space. Unless all of the pennies fall in an exactly even distribution, which is extremely improbable, some pennies will be closer to each other than others and seem to form a cluster or group solely from the random

distribution.

It's sometimes called the "hot hand fallacy" due to the belief common among basketball coaches and players that it was best to use players on a hot streak (i.e., those who had a "hot hand"). A study demonstrated that the hot hand was a matter of coaches picking a short run of baskets out of a larger sequence that was more or less random. Though there some dispute that the researchers defined "hot hand" (i.e., making exactly 1 basket following another) differently than basketball players actually conceptualize it (in a vaguer sense).

Randomness is not such an intuitive concept for humans. In addition to being poor at recognizing random sequences for what they are, people are also bad at generating random numbers.

Source: Rational Wiki

Also of Interest to the OSINT Professional

Simple search techniques to become a more effective internet user

Everyone likes a selfie… but instead of a password?

A massive increase in 'Dark Web' services… but why?

Confused about Bitcoin? This video simplifies it for you

Have you ever wondered why Google Maps is so accurate at forecasting live traffic information?

"Are Your Internet of Things Devices Really Going to Spy on You?"

A hot debate: Civil liberties vs. security

Online market 'is turning drug dealers from goons to geeks

The Vatican using "Telegram"

"NSA Hacker Chief Explains How to Keep Him Out of Your System"

A problem associated with large-scale surveillance: The signal-to-noise ratio

[Five tips to secure your data](#)

[Reddit AMA with cryptographer, PGP and Silent Circle co-founder, John Callas](#)

[A step in the right direction: Google now blocking websites using fake download buttons, deceptive content, or ads](#)

[AI Is Transforming Google Search. The Rest of the Web Is Next](#)

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