

# DARTFORD BOROUGH COUNCIL - POLICY FOR INTERROGATING SOCIAL MEDIA FOR INVESTIGATIVE PURPOSES

## 1. INTRODUCTION

1.1 Open-source Intelligence or OSINT refers to a broad array of information and sources that are generally available (whether on payment or otherwise), including information obtained from internet (social networking) sites, books, media, newspapers, radio, television, journals, TV, newswires, newsgroups, mapping, imagery photographs, commercial subscription databases and other library data.

1.2 Social networking sites and OSINT contain a wealth of information, intelligence and evidence about suspects, victims, witnesses, members of organised crime groups and other aspects of criminal and anti-social activity.

1.3 Social networking - Twitter, Facebook and LinkedIn to name but a few have opened up numerous opportunities and is a key component to profiling the subject of an investigation. The pool of information (postings, videos, photos etc.) about each individual can form a distinctive social signature.

1.4 Social networking evidence can be a valuable addition to an investigation, but it has to be gathered in a way that will hold up in court. Once the access to social networking information has been secured, simply due to public accessibility, evidence must be gathered in a way that is legal and useful. Collecting evidence from social networking sites has the potential to impact on individual's rights to privacy and may therefore require authorisation under the Regulation of Investigatory Powers Act 2000 (**see section 3 below**).

1.5 This Policy sets the framework by which officers may utilise OSINT, social media and video sharing sites when conducting investigations into alleged offences and aims to ensure the minimum standards that must be adopted by all officers in order to maintain the integrity of any evidence gained so as not to compromise:

- the hardware/software infrastructure of the Council's computer systems;
- investigative tactics;
- on-going and future Council investigations;
- the personal safety of individuals; and
- reputational risks to the Council;
- breach of RIPA reportable to IPCO<sup>1</sup> and possible disciplinary issues.

This Policy also ensures that investigations are done lawfully and correctly so as not to interfere with an individual's human rights and with due consideration of relevant legislation, including:

- the Human Rights Act 1998;
- the Data Protection Legislation<sup>2</sup>;
- Computer Misuse Act 1990

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<sup>1</sup> Investigatory Powers Commissioner's Office

<sup>2</sup>Data Protection Act 2018 and UK GDPR (derived from the General Data Protection Regulation (EU) 2016/679)

- the Regulation of Investigatory Powers Act 2000, together with the published codes of practice from the Home Office, IPCO and the Information Commissioner's Office;
- Chapter 30 of the Criminal Procedure and Investigations Act 1996 (Section 23(1)) Code of Practice);
- PACE 1984
- Protection of Freedoms Act 2012 – regulation of CCTV and other surveillance camera technology & Surveillance Camera Commissioner + Codes of Practice.

1.6 This Policy should be read in conjunction with the Council's **Policy Statement - Regulation of Investigatory Powers Act 2000 (RIPA) (as amended)**. Remember to complete the '**Application for authorisation to conduct an OVERT investigation**' (on the intranet).

## 2. WHAT IS MEANT BY 'SOCIAL MEDIA'

2.1 Social media can take many forms. However, there are some facets, which will be common to all forms of social media.

Social media will always be a web-based service that allows individuals and/or businesses to construct a public or semi-public profile. Beyond this, social media can be very diverse, but will often have some, or all, of the following characteristics;

- the ability to show a list of other users with whom they share a connection; often termed "friends" or "followers",
- the ability to view and browse lists of connections and those made by others within the system;
- hosting capabilities allowing users to post audio, photographs and/or video content that is viewable by others.

2.2 Social media can include community based web sites (**see Appendix 6 – Social Networking Sites**), online discussions forums, chatrooms and other online social spaces. Current examples of the most popular forms of social media and therefore the most likely to be of use when conducting investigations into alleged offences, include;

- Facebook
- Twitter
- YouTube
- Vine
- Instagram
- LinkedIn
- Pinterest
- Google+
- Tumblr
- Reddit
- Flickr

2.3 Social media interrogations involve the detailed analysis of an organisation's or individual's social media accounts. They are commonly used to provide information relevant to an investigation, court case or background checks.

2.4 Interrogations can be critical in providing admissible evidence in civil and criminal matters, pre-employee screenings or internal investigations involving current or former

employees. This can be due to the need to ascertain specific evidence in relation to potentially fraudulent activity, data theft, gross misconduct, identifying those responsible for environmentally damaging fly-tipping, benefit fraud, or selling alcohol or tobacco to minors.

2.5 By its very nature, social media accumulates a sizable amount of information about a person's life, from daily routines to specific events. Accessibility on mobile devices can also mean that a person's precise location at a given time, may also be recorded whenever they interact with a form of social media on their devices.

2.6 Although social media is a useful tool when investigating alleged offences with a view to bringing a prosecution, there is a danger that its use can be abused, which would have an adverse effect, damaging potential prosecutions and even leave the Council open to complaints or criminal charges itself.

### 3. HUMAN RIGHTS & REGULATION OF INVESTIGATORY POWERS ACT 2000 (RIPA)

3.1 Whilst the use of social media to investigate is not automatically considered covert surveillance, its misuse when conducting investigations can mean that it crosses over into the realms of covert and/or targeted surveillance, even when that misuse is inadvertent, therefore becoming unauthorised surveillance and breaching a person's right to privacy under Article 8 of the European Convention on Human Rights.

3.2 There is a significant amount of information on an individual's social media pages. This information might be relevant to an investigation being undertaken by the Council. However, unguided research into the sites of suspect offenders could fall within the remit of RIPA and therefore require a *directed surveillance authorisation*, prior to the undertaking of an investigation. See the [RIPA \(Regulation of Investigatory Powers\) Policy Statement](#).

3.3 Where a website or social media account requires a minimal level of interaction, such as sending or receiving a friend request before access is permitted, this may not in itself amount to establishing a relationship. Equally, the use of electronic gestures such as "like" or "follow" to react to information posted by others online would not in itself constitute forming a relationship. However, it should be borne in mind that entering a social media site or responding on these terms, may lead to further interaction with other users and a *CHIS authorisation* should be obtained if it is intended for an officer or a CHIS to engage in such interaction to obtain, provide access to or disclose information<sup>3</sup>, without disclosing their identity.

3.4 Officers embarking on any form of investigatory action should always do so with RIPA in mind. Whilst RIPA will not always be relevant to every investigation, it is vital that officers involved in investigative practices regularly review their conduct with respect to investigatory actions. Any investigation is capable of evolving from being one that does not require a RIPA authorisation, to one that does, at any point. Instances of repeated and/or regular monitoring of social media accounts, as opposed to one-off viewing, may require a RIPA authorisation.

***Intelligence provides a link to evidence. Evidence of whatever type must be both relevant and admissible. Evidence is relevant if it logically goes to proving or disproving some fact at issue in the prosecution. It is admissible if it relates to the facts***

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<sup>3</sup> Refer to paragraphs 4.29 to 4.35 of the [Covert Human Intelligence Sources Code of practice](#) (December 2022) for details on where a CHIS authorisation may be available for online activity, including the need to carry out a risk assessment  
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***in issue, or to circumstances that make those facts probable or improbable and has been properly obtained.***

3.5 Even if surveillance without a RIPA authorisation is not illegal, if a RIPA authorisation is not obtained, the surveillance carried out will not have the protection that RIPA affords and may mean it is rendered inadmissible.

3.6 If reasonable steps have been taken to inform the public or particular individuals that their social media account(s) is being monitored, this can be regarded as **OVERT** and a directed surveillance authorisation will not normally be required. **Officers must at all times use their department's allocated social media account** (see section 12 below).

#### **4. PRIVACY SETTINGS & PRIVATE INFORMATION**

4.1 **Expectation of privacy** is a key issue and must be given proper consideration. A decision will hinge on whether the users of the particular site have a reasonable expectation of it. Users normally have the choice whether to make their profile and associated postings/blogs available for public view or to restrict access to 'friends' only. Many users may assume that the 'default' settings deliver reasonable privacy, so may not specifically set their requirement, but still 'expect' privacy of access to their content. Similarly, 'friends' variations on settings can impact on others' privacy. Much depends on the way the hosting site is programmed (or on original philosophy of the provider).

It is therefore recognised that the account 'settings' may not always fully reflect the end-users expectation of privacy. It is however reasonable to conclude that postings on 'walls' or 'blogs' on a social networking site to which the author has applied no privacy settings to, are likely to be considered to be within the public domain (see section 4.2. below).

4.2 **Private Information** - when a person's activities take place in public, covert surveillance of that person's activities in public may still result in the obtaining of private information. This is likely to be the case where that person has a reasonable expectation of privacy, even though acting in public and where a record is being made by a public authority of that person's activities for future consideration or analysis.

These considerations are also likely to arise if several records relating to one subject are to be analysed together in order to establish, for example, a pattern of behaviour, lifestyle etc., or if one or more pieces of information (whether or not in the public domain) are covertly obtained for purposes of making a permanent record on that person or for subsequent data processing to generate further information. In such circumstances, the totality of information gleaned may constitute private information even if individual records do not.

4.3 It does not always follow that users who do not restrict access have totally forfeited their right to privacy or that covert research of their profiles could not amount to directed surveillance. Where means of restricting access to the information have been put in place, the author has a clear expectation of privacy and so the use of measures to circumvent access controls is capable of amounting to surveillance and may require authority under RIPA.

4.4 Depending on the nature of the online platform, there may be a reduced expectation of privacy where information relating to a person or group of people is made openly available within the public domain (see Appendix 1 – **Is the information on Facebook private or public?**).



4.5 Where information about an individual is placed on a publicly accessible database, for example the telephone directory or Companies House, which is commonly used and known to be accessible to all, individuals are unlikely to have any reasonable expectation of privacy over the monitoring by public authorities of that information.

4.6 Individuals who post information on social media networks and other websites whose purpose is to communicate messages to a wide audience are also less likely to hold a reasonable expectation of privacy in relation to that information.

4.7 Where privacy settings are available, but not applied, the data may be considered 'open source' or publicly available (i.e. there is a reduced expectation of privacy).

***Example: Where a person publishes content on a public profile, they allow everyone, including those not on that particular social media platform, to access and use that information whilst also allowing it to be associated with them. In practice, this means that photographs, video content or any other relevant information posted by individuals and businesses to a public profile on any given social media platform can be viewed, recorded and ultimately used as evidence against them should the matter end in legal proceedings, subject to the usual rules of evidence.***

4.8 Whilst a person may have a reduced expectation of privacy when in a public place, covert surveillance of that person's activities in public may still result in the obtaining of private information. This is likely to be the case where that person has a reasonable expectation of privacy even though acting in public and where a record is being made by the Council of that person's activities for future consideration or analysis. Surveillance of publicly accessible areas of the internet should be treated in a similar way, recognising that there may be an expectation of privacy over information, which is on the internet, particularly where accessing information on social media websites. **This is because the intention when making such information available was not for it to be used for a covert purpose such as investigative activity.** This is regardless of whether a user of a website or social media platform has sought to protect such information by restricting its access by activating privacy settings.

4.9 Whether the Council interferes with a person's private life includes a consideration of the nature of the Council's activity in relation to that information. Simple **reconnaissance** of such sites (i.e. preliminary examination with a view to establishing whether the site or its contents are of interest) is unlikely to interfere with a person's reasonably held expectation of privacy and therefore is not likely to require a directed surveillance authorisation.

**General observation duties** do not require a RIPA authorisation, whether covert or overt. Such general observation duties frequently form part of the Council's legislative functions, as opposed to the pre-planned surveillance of a specific person or group of people. General observation duties may include monitoring of publicly accessible areas of the internet in circumstances where it is not part of a specific investigation or operation.

However, where officers are systematically collecting and recording information about a particular person or group, a directed surveillance RIPA authorisation should be considered. These considerations apply regardless of when the information was shared online.

***Example: Council officers monitoring publicly accessible information on social media websites, using a general search term (such as the name of a particular event they are monitoring), would not normally require a directed surveillance authorisation. However, if they were seeking information relating to a particular individual or group of individuals, for example, by using the search term "group x" (even where the true***

*identity of those individuals is not known) this may require authorisation. This is because use of such a specific search term indicates that the information is being gathered as part of a specific investigation or operation, particularly in circumstances where information is recorded and stored for future use.*

*Personal information obtained through general observation, is subject to the Data Protection Legislation.*

4.10 Officers must ensure compliance with the Data Protection Act 2018 principles and UK GDPR. The social media interrogation must be legitimate under the Data Protection Legislation. This means it must be reasonable, lawful and appropriate. Obtaining information for one purpose, cannot later be used for a completely different purpose. Check whether the way the planned interrogation of social media provides a 'lawful basis' for processing data under the UK GDPR. If sensitive (i.e. 'special category') data is likely to be collected – this means extra conditions must be met under the UK GDPR – see [the Analysis of Social Media for Investigations - Privacy Notice](#). A Data Protection Impact Assessment (DPIA) must be carried out with reference to the lawful bases and legal gateways (see section 10 below).

4.11 Where officers intend to access a social media or other online account to which they have been given access with the consent of the owner, they will still need to consider whether the account(s) may contain information about others who have not given their consent. If there is a likelihood of obtaining private information about others, the need for a directed surveillance authorisation should be considered, particularly (though not exclusively), where it is intended to monitor the account going forward.

4.12 When considering what is available on an individual's public social media profile, officers investigating an offence, or potential offence, should always keep in mind what relevance it has to that investigation. Only information that is relevant to the investigation and goes some way toward proving the offence, should be gathered. If there is any doubt as to whether something is relevant, then advice should be sought from Legal Services.

## **5. CONDUCTING INVESTIGATIONS/RESEARCH OVER THE INTERNET**

5.1 Internet Service Providers maintain a record of IP addresses and the sites visited. Websites may record IP addresses as well as other details about the computer used including the browser, operating system, and computer name. Records are often kept of the time and date of each visit in addition to the sites the visitor came from and went to. Websites can install cookies on to a computer in order to identify the user, should they return to that site, or another site that subscribes to the same cookie monitoring service.

5.2 Any activity carried out over the internet leaves a trace or footprint that can identify the device used and, in some instances, the individual carrying out that activity. Officers engaged in investigation and/or research over the internet must take precautions to protect the security of themselves and of the Council's computer systems.

5.3 Only Level 1 Overt Open Source Intelligence/Research and Level 2 Advanced Open Source Investigation/Research (see the levels below) should be carried out on devices that are attributable to the Council. For any other type of covert investigation/research, where the investigator would not wish those being investigated to be aware of the investigation or of Council interest, equipment must be used which cannot be attributed to the Council or any individual member of staff.

A computer or laptop cannot be made totally 'non-attributable', as there is a risk of detection through connection to the IP address. However, the use of a Council allocated iPad or similar device, connected to its mobile network (**not to wifi**), would be 'non-attributable'.

A non-Council identity (email address), would need to be used on the 'non-attributable' device - an email address that identifies (or risks identifying) the user should not be used – instead, use a random email address e.g. golden.sunsets@gmail.com.

Non-attributable devices must never be used for personal use.

5.4 Departments must ensure that a 'non-attributable' device is kept in a secure environment and that there are strict procedures in place to regulate and audit its use. Records must be kept of sites visited and information gathered in a locally held log/register. The criteria detailed in the following levels should be seen as a minimum requirement to carry out operational activity on the internet.

If the iPad is a 10.1-inch model or smaller, a free version of MS Word can be used to store and maintain documents on the iPad.

5.5 Staff carrying out any type of investigation/research over the internet must be appropriately trained (**see section 11 below**).

### **Level 1 - Overt Open Source Investigation/Research**

- conducting research overtly across publicly accessible search areas of the internet such as map viewing, street views, local authority sites, auction sites or any publicly available website in cases where there is no requirement to register details to gain access;
- must not be used for any covert investigation;
- as the research activity is considered overt, there is no requirement for any RIPA authorisation;
- no senior officer advance authorisation required but officers must adhere to relevant Council Data Protection Legislation policies/procedures and IT Security Policy;
- must be conducted on Council computers.

### **Level 2 – Overt Advanced Open Source Investigation/Research**

- research across publicly accessible search areas of the internet, such as search engines, people search sites and social network sites;
- registration required to gain access;
- the research is not intended to remain covert and may become known to the subject;
- no senior officer advance authorisation required, unless covert surveillance is intended;
- active consideration should be given to a RIPA authorisation on a case-by-case basis;
- sterile profile accounts [a profile in the true name of the officer, but is not their active profile and is entirely sterile of their personal information] must be used to log onto sites requiring registration (**see section 5.6 below**);
- any interaction with the subject must not be covert and there must be no interaction with a subject beyond that which is entirely necessary for the immediate purposes. Be aware that befriending subjects, poking, writing on walls or joining groups is likely to require a RIPA directed surveillance authorisation) unless it is explicit that the profile is that of an officer;
- must be conducted using Council computers;

- must be able to evidentially capture and store information, as these records would need to be available for inspection/audit in any subsequent internal/external investigation.

### **Level 3 - Covert Advanced Open Source Investigation/Research**

- research across publicly accessible search areas of the internet such as search engines, people search sites and social network sites requiring registration to gain access;
- research is intended to remain covert and is not intended to become known to the subject;
- RIPA authorisation procedure referred to in xxx MUST be followed;
- false persona profile accounts [a profile created in a false name to protect the officer's true identity becoming known to the subject] must be used to log onto sites requiring registration (**see section 5.6 below**);
- there must be no interaction with subjects – no befriending subjects, writing on walls or joining discussions;
- must be able to evidentially capture and store, as these records would need to be available for inspection/audit in any subsequent internal/external investigation
- only non-attributable computers to be used.

**5.6 Sterile & /False Persona Profile Accounts** - Under no circumstances will officers use their own personal or anyone else's social networking profile to conduct work related research, regardless of whether the investigation is of an overt or covert nature.

- sterile profile accounts must be created with the true details of the officer making enquiries and must be registered using their Council email address;
- false persona profile accounts must only be used for covert investigations and must be undertaken using a non-attributable computer.

No false persona account must be set up without prior authority, in consultation with the Data Protection Officer. If an officer needs to establish a false persona account on line account (for example an email address) that does not identify themselves as a Council employee, then this requires authorising by their senior manager. Authority need not be under RIPA unless the activity that is then undertaken is covert surveillance.

**5.7 Trawling** - Using the internet to research publicly available information is an important element of modern intelligence collection. Using key words to search information across the internet and in websites that have not been subject to any security controls or personal restrictions by the authors, can be effective at identifying emerging threats. Although the activity may be covert, this open trawling may not acquire private information and may not therefore require RIPA authorisation.

Continual and targeted examination of data in this way may increase the likelihood of private information being obtained from others and therefore, consideration should be given to obtaining a directed surveillance authorisation. Each case needs to be considered in isolation, as all social media sites are different. If no access controls are applied (i.e. open data for all to view), then there is no expectation of privacy. Therefore, a RIPA authorisation for directed surveillance would not necessarily be needed, if no access controls were in place. However, as indicated above, all sites are different and individual consideration should be given.

A false persona profile account may be required if a covert account is needed to search any sites. However, it would be unusual to need such a profile account, unless access controls were on a site.

**5.8 Covertly Breaching Access Controls** - Social media sites encourage members to establish in-built security controls to restrict the level of private information that is on display.

For example, Facebook provides security levels that a member can set to allow only accepted 'friends' to be able to view the private information of the member.

To gain access to this information covertly, an officer would need to use a false persona profile account to register with Facebook, create a profile and then send a request to the subject to become their friend. Therefore, if a subject's account access is restricted, which needs the officer to covertly breach those access controls, then a directed surveillance authorisation is required. This authorisation is sufficient so long as the intention of the officer is to only monitor the contents of the site that they have accessed.

For example, using Facebook, an officer 'bumps' to the subject with the hope that the subject accepts their request without any challenge or exchange on line. Once accepted (without challenge) the officer only remains inactive as a 'friend' on the subject's profile, which enables them to view the content of the site. This activity would be considered as covert and likely to obtain private information (as access to it is restricted). In this example, only a directed surveillance authorisation should be applied for. A false persona profile account would be required to log onto Facebook.

A CHIS authorisation may be required when using an internal trading organisation in circumstances when a covert relationship is likely to be formed. However, the use of disguised purchaser details in a single overt electronic purchase is not likely to require a CHIS authorisation because no relationship is usually established at this stage.

## 6. WHAT IS PERMITTED UNDER THIS POLICY

- using different platforms to gather information that are publicly available (**see section 9 below**);
- using information *posted on a public profile* without a RIPA authorisation;
- using social media for surveillance with a RIPA authorisation, where the investigation is unusual and/or is likely to capture confidential information and the risks to privacy have been assessed as being proportionate and justified.

***Officers must at all times prevent their own identities becoming compromised while doing their investigations or research.***

## 7. WHAT IS NOT PERMITTED UNDER THIS POLICY?

7.1 Where an individual under investigation has set their social media account to private, officers should not attempt to circumvent those settings under any circumstances. Such attempts would include, but are not limited to;

- sending 'friend' or 'follow requests to the individual;
- setting up or using bogus social media profiles in an attempt to gain access to the individual's private profile (unless this has been authorised by a senior manager and supported by a RIPA authorisation);
- contacting the individual through any form of instant messaging or chat function requesting access or information;
- asking family, friends, colleagues or any other third party to gain access on their behalf, or otherwise using the social media accounts of such people to gain access;
- covert monitoring through social media without a directed surveillance authorisation (**see section 3.2 above**);
- establishing a covert relationship through social media without a CHIS authorisation (**see section 3.3 above**); or
- any other method, which relies on the use of subterfuge or deception.



Officers should keep in mind that simply using profiles belonging to others, or indeed fake profiles, in order to carry out investigations does not provide them with any form of true anonymity. The location and identity of an officer carrying out a search can be easily traced through tracking of IP addresses and other electronic identifying markers.

7.2 Whilst one-off visits, or otherwise infrequent visits spread out over time, cannot be considered 'directed surveillance' for the purposes of RIPA, repeated or frequent visits may cross over into becoming 'directed surveillance' requiring RIPA authorisation. A person's social media profile should not, for example, be routinely monitored on a daily or weekly basis in search of updates, as this will require a RIPA authorisation, the absence of which is an offence.

7.3 Regardless of whether the social media profile belonging to a suspected offender is set to public or private, it should only ever be used for the purposes of evidence gathering. Interaction or conversation of any kind should be avoided at all costs, and at no stage should officers seek to make contact with the individual through the medium of social media. Any contact may lead to accusations of harassment or, where a level of deception is employed by Officers, entrapment, either of which would be detrimental and potentially fatal to any future prosecution.

## **8. CAPTURING EVIDENCE (MAINTAINING RECORDS) (see Appendix 2 – Evidence)**

8.1 Once content available from an individual's social media profile has been identified as being relevant to the investigation being undertaken, it needs to be recorded and captured for the purposes of producing as evidence at any potential prosecution. Depending on the nature of the evidence, there are a number of ways in which this may be done:

- where evidence takes the form of a readable or otherwise observable content, such as text, status updates or photographs, it is acceptable for this to be copied directly from the site, or captured via a screenshot, onto a hard drive or some other form of storage device, and subsequently printed to a hard copy. The hard copy evidence should then be exhibited to a suitably prepared witness statement in the normal way;
- where evidence takes the form of audio or video content, then efforts should be made to download that content onto a hard drive or some other form of storage device such as a CD or DVD. Those CDs and/or DVDs should then be exhibited to a suitably prepared witness statement in the normal way. Any difficulties in downloading this kind of evidence should be brought to the attention of the IT Section who will be able to assist in capturing it.

8.2 When capturing evidence from an individual's public social media profile, steps should be taken to ensure that all relevant aspects of that evidence are recorded effectively. For example, when taking a screenshot of a person's social media profile, officers should make sure that the time and date are visible on the screenshot in order to prove when the evidence was captured. Likewise, if the evidence being captured is a specific status update or post published on the suspected offender's profile, steps should be taken to make a screenshot. Without this information, the effectiveness of the evidence is potentially lost as it may not be admissible in court.

8.3 Due to the nature of social media, there is a significant risk of collateral damage in the form of other, innocent parties' information being inadvertently captured alongside that of the suspected offender's. When capturing evidence from a social media profile, steps should be taken to minimise this collateral damage, either before capturing the evidence, or



subsequently through redaction. This might be particularly prevalent on social media profiles promoting certain events, where users are encouraged to interact with each other by posting messages or on photographs where other users may be making comments.

8.4 Officers will have regard to Chapter 30 of the Criminal Procedure and Investigations Act 1996 (Section 23(1)) Code of Practice, with regard to the manner in which they record, retain and reveal to the prosecutor, material obtained in a criminal investigation and which may be relevant to the investigation and related matters.

Where recorded material (in any form or media) is obtained during the course of an investigation which might be relevant to an investigation, or another investigation, or to pending or future civil or criminal proceedings, then it should not be destroyed, but retained in accordance with the requirements of the Council's Data Retention & Disposal Policy & Schedule and the Criminal Procedures and Investigations Act 1996 (i.e. consider using the evidence obtained in a sensitive unused material schedule<sup>4</sup>) and any other legal requirements.

## **9. OTHER INFORMATION TECHNOLOGY TOOLS AVAILABLE FOR INVESTIGATIVE PURPOSES (see Appendix 3 – Internet Research Websites, Appendix 4 – Search Engines, Appendix 5 – Search Engines Tutorial and Appendix 7 - Images Videos GPS)**

9.1 Whilst social media can be a useful and fruitful means of investigating offences and potential offences, it is by no means the only tool available within the realm of Information Technology. A vast array of other, mostly web-based tools are also at the disposal of those conducting investigations. For example, where there is a website advertising the services of a local business and there is evidence that this business is engaging in illegal activity, there are IT tools available that can track who is responsible for setting up that website, and so can be a good starting point when trying to link potential offenders to the offending business.

9.2 There are a series of specialist search tools available, which offer options to the online investigator, especially as these tend to excel in searching social media. Some of these search tools have their own unique strengths, whether it is looking at photos, finding user profiles or even establishing geo-social footprints – collectively they provide a powerful toolkit to the online investigator (see Appendix 3 - Internet Research Websites and Appendix 4- Search Engines).

## **10. DATA PROTECTION LEGISLATION**

10.1 Officers must undertake a Data Privacy Impact Assessment before undertaking surveillance. This is best done in writing and should, among other things, consider whether the surveillance is necessary and proportionate.

10.2 Personal data processed by the Council is subject to the Data Protection Legislation. Personal data should be retained and destroyed in accordance with the requirements of the Council's Data Retention & Disposal Policy & Schedule. Due to the nature of social media, it is important to remember that when information produced as a hard copy is destroyed, that all digital copies of that evidence is likewise destroyed.

10.3 Providing accessible information to individuals about the use of their personal information is a key element of their legal right to transparency as set out in the Data Protection Legislation. As a data controller, the Council has a duty to explain via a *privacy notice*, how it processes personal information that is within its control and its lawful bases for processing

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<sup>4</sup> Crown Prosecution Service- Disclosure Manual

10.4 Before starting a covert investigation or following the gathering of ‘intelligence’ for the purposes of a prosecution, in addition to the relevant RIPA authorisation for a covert investigation, officers must, in consultation with the Data Protection Officer:

- complete a Data Privacy Impact Assessment;
- ensure that their service specific privacy notice explains how personal information is being processed and the lawful bases for such processing.

## 11. TRAINING

Officers from the following departments have been trained<sup>5</sup> to use the internet and world wide web (open source – freely available data) more effectively for research and investigation, including the use of jargon, surface search, deep web search, social media investigations (search, networking and monitoring tools), technologies, how to identify sources of evidence and protecting IDs online:

- Community Safety Unit;
- Environmental Health;
- Fraud;
- Housing Services;
- HR;
- Legal Services;
- Planning Services.

## 12. ALLOCATION OF SOCIAL MEDIA ACCOUNTS

The Communications team will, on the request of a relevant manager, set up sterile profile accounts for officers who have been trained (**see section 11 above**). Managers are responsible for ensuring compliance with this Policy. False profile accounts will be set up in exceptional circumstances, following advance consultation with the Data Protection Officer.

## 13. REVIEW

This Policy will be reviewed periodically and in line with the [Policy Statement - Regulation of Investigatory Powers Act 2000 \(RIPA\) \(as amended\)](#) to ensure that both Policies remain current and compliant with relevant legal requirements and best practice guidance.

## 14. EQUALITY IMPACT ASSESSMENT

This Policy has been assessed with regard to an Equality Impact Assessment. The assessment has been graded as having a low potential impact, as the proposals in this Policy would have no potential or actual differential impact on grounds of race, ethnicity, nationality, gender, transgender, disability, age, religion or belief or sexual orientation.

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<sup>5</sup> 28 October 2019

# Is the information on Facebook private or public?

The screenshot shows a web browser window displaying a Facebook profile for Stephen Morris. The browser's address bar shows the URL <https://www.facebook.com/stephenmorris>. The profile header includes a search bar with "Stephen Morris", navigation links for "Linda", "Home", and "Find Friends", and icons for friends, messages, and a help menu. The profile picture is a man with glasses and a beard. The cover photo shows a child in a red jacket on a beach. Below the header are tabs for "Timeline", "About", "Friends", "Photos", and "More". A section titled "DO YOU KNOW STEPHEN?" contains the text "To see what he shares with friends, send him a friend request." and a green "Add Friend" button. The "Intro" section identifies him as "SEO Manager at TSB" and shows a collage of photos, including a young girl laughing and a couple. A post from June 19, 2016, is visible, stating "Stephen Morris added a temporary profile picture." with a photo of a baby and a young girl. The Windows taskbar at the bottom shows the date as 29/03/2017 and the time as 10:28.

[Fly-tipper advertised on](#)
[Social worker on facebook](#)

<https://www.netmums.com/coffeehouse/advice-support-40/serious-stuff-43/545167-social-worker-facebook-all.html>

[Google Calendar](#)
[Santander](#)
[Halifax](#)
[Barclays](#)
[SystemOnline Login](#)
[Barclaycard](#)

Log in **netmums**
[CHAT](#)
[LOCAL](#)
[REVIEWS](#)
[PARENTING](#)
[SUMMER](#)
[NEW BABY CLUB](#)

[+ Reply to Thread](#)
Results 1 to 19 of 19

**Thread: Social worker on facebook**

[f](#)
[t](#)
[p](#)

[Thread Tools](#)
[Search Thread](#)

07-03-11, 18:42
#1

**Hayley S(313)** Member

 Join Date: Sep 2010  
 Posts: 31

**Social worker on facebook**

Hi i was wonderin if anyone else has ever had anything like this, my social worker has told me that she has looked on my facebook profile my friends list etc she uses a different name. Is she aloud to do this?

# Evidence

# Evidence Process

- First original – no corruption of data
- Properties of electronic objects
- Capture and secure original
- Working copy (mirror image)
- Note keeping and record of process used
- Secure storage
- WORM – CD/DVD
- Secure partition on hard server



# Evidence Process

- Training of personnel
- Creation of procedural note and policy
- Completion of audit log/form
- Pocket Note Book entry
- Section 9 Witness Statement

# Evidence Process

- **Audit Trail**
  - CPIA – record, retain, reveal (Defence tactics relating to investigators capturing evidence)
- **Print Screen into Word Document**
- **Temporary Internet Files (caches), Cookies**

# Evidence Process

- Accurate Record of our activity required
- Video of screen activity
- Hypercam, BBSoft etc
- Kept with evidence (exhibits)

# Hypercam

<http://www.hyperionics.com/hc/>

**HyperCam™**  
[French](#) [German](#) [Japanese](#) [Polish](#)  
[Follow HyperCam news on Twitter](#)

**HYPER CAM**  
SCREEN RECORDER

**What is HyperCam™?**  
New! [Ver. 2.25.01](#) is now available for download

**HyperCam version 2, a product of Hyperionics, is now offered free for world-wide usage.**

- [Download HyperCam](#)
- [Support](#)
- [Change Log](#)

[Download HyperCam™ v2 For Free](#) or check our [mirror list](#).

HyperCam captures the action from your Windows screen and saves it to AVI (Audio-Video Interleaved) movie file. Sound from your system microphone is also recorded.

Please note that HyperCam is not intended for re-recording of other video clips from the screen (e.g. playing in Media Player, RealVideo, QuickTime etc.), but rather for creating regular software presentations, tutorial, demos etc. If you still want to try it for re-recording other movie clips, please [read this first](#).

**100% CLEAN**  
NO SPYWARE  
NO ADWARE  
NO VIRUSES  
SOFTPEDIA™  
certified by www.softpedia.com

**CERTIFIED BY FINDMYSOFT.COM**  
**SAFE TO INSTALL**  
HyperCam

HyperCam  
Screen Area Hot Keys AVI File Sound Other Options License  
Start X: 0 Start Y: 0 Select Region  
Width: 320 Height: 240 Select Window  
When recording:  
 Show rectangle around recorded area  
 make this rectangle blink  
 Leave HyperCam Window Opened  
 Iconize HyperCam Window to the Task Bar  
 Hide HyperCam Window

SJM Internet Investi... Internet Websites Se... Images HyperCam - Windo... 01:09

# Webpage capture

The screenshot shows an Internet Explorer browser window with the following elements:

- Address Bar:** <http://uk.finance.yahoo.com/news/uk-uncut-plans-day-action-104421428.html>
- Browser Tabs:** UK Uncut plans day of actio..., Google Calendar, Welcome to Microsoft Online..., LE10 2GH - Bing Maps, Stephen Morris's files - SkyDrive
- Search Bar:** Google search bar with a search icon and a 'More >>' button.
- Navigation Buttons:** Back, Forward, Stop, Refresh, Home, Favorites, Settings.
- Context Menu:** Open over the search bar, showing options: Add site to Start menu, Full screen (F11), Save as... (Ctrl+S), Find on this page (Ctrl+F), Suggested Sites, Caret browsing (F7), Print, File, Zoom (100%), Safety, View downloads (Ctrl+J), Manage add-ons, F12 developer tools, Go to pinned sites, Internet options, About Internet Explorer.
- Page Header:** 'YAHOO! FINANCE UK & IRELAND' logo, 'New User? Register | Sign In | Help', 'Preview Mail w/ Y! Toolbar', and a search box.
- Advertisement:** A banner for Nationwide with the text 'We're run for the benefit of members, not shareholders.' and 'On your side'.
- Navigation Menu:** HOME, INVESTING, NEWS & OPINION (selected), MY PORTFOLIOS, PERSONAL FINANCE, REAL MONEY.
- Sub-navigation:** EARNINGS, ALL TOPICS, SMALL CAPS, ECONOMY, MARKET MOVERS, UPGRADES & DOWNGRADES, NEWSPAPER TIPS, RSS FEEDS, UK BUDGET 2012.
- Quote Search:** A search box with 'Enter Symbol' and a 'Get Quotes' button.
- Status Bar:** 'Mon 12 Nov 2012 22:01 - UK Markets are closed'.
- Main Content:**
  - Section:** 'Discover Yahoo! With Your Friends' with a 'Login with Facebook' button.
  - Article Title:** 'UK Uncut plans day of action against Starbucks'.
  - Source:** 'The Telegraph'.
  - Author:** 'By Matthew Sparkes | Telegraph - 10 hours ago'.
  - Share Buttons:** Email, Recommend (166), Tweet (27), Share, Print.
- Right Sidebar:** 'MOST POPULAR STORIES' with a list of links.

# Web Site Capture

The screenshot shows a web browser window with the address bar displaying `http://www.httrack.com/`. The page title is "HTTrack WEBSITE COPIER" and the subtitle is "Free software offline browser". The navigation menu includes links for "About", "Download", "Manual", "Forum", "Information", and "Français". The main content area features the following text:

**Version 3.44-1 (02/28/2011)**  
Many engine fixes since older 3.4X releases

**Installing HTTrack:** Go to the [download section](#) now!

**For help and questions:** [Visit the forum](#), [Read the documentation](#), [Read the FAQs](#)

---

**Welcome**

HTTrack is a [free \(GPL, libre/free software\)](#) and easy-to-use offline browser utility.

It allows you to download a World Wide Web site from the Internet to a local directory, building recursively all directories, getting HTML, images, and other files from the server to your computer. HTTrack arranges the original site's relative link-structure. Simply open a page of the "mirrored" website in your browser, and you can browse the site from link to link, as if you were viewing it online. HTTrack can also update an existing mirrored site, and resume interrupted downloads. HTTrack is fully configurable, and has an integrated help system.

WinHTTrack is the Windows 2000/XP/Vista/Seven release of HTTrack, and WebHTTrack the Linux/Unix/BSD release. See the [download page](#).

© 2011 Xavier Roche & other contributors - Web Design: Leto Kauler. Patent Free

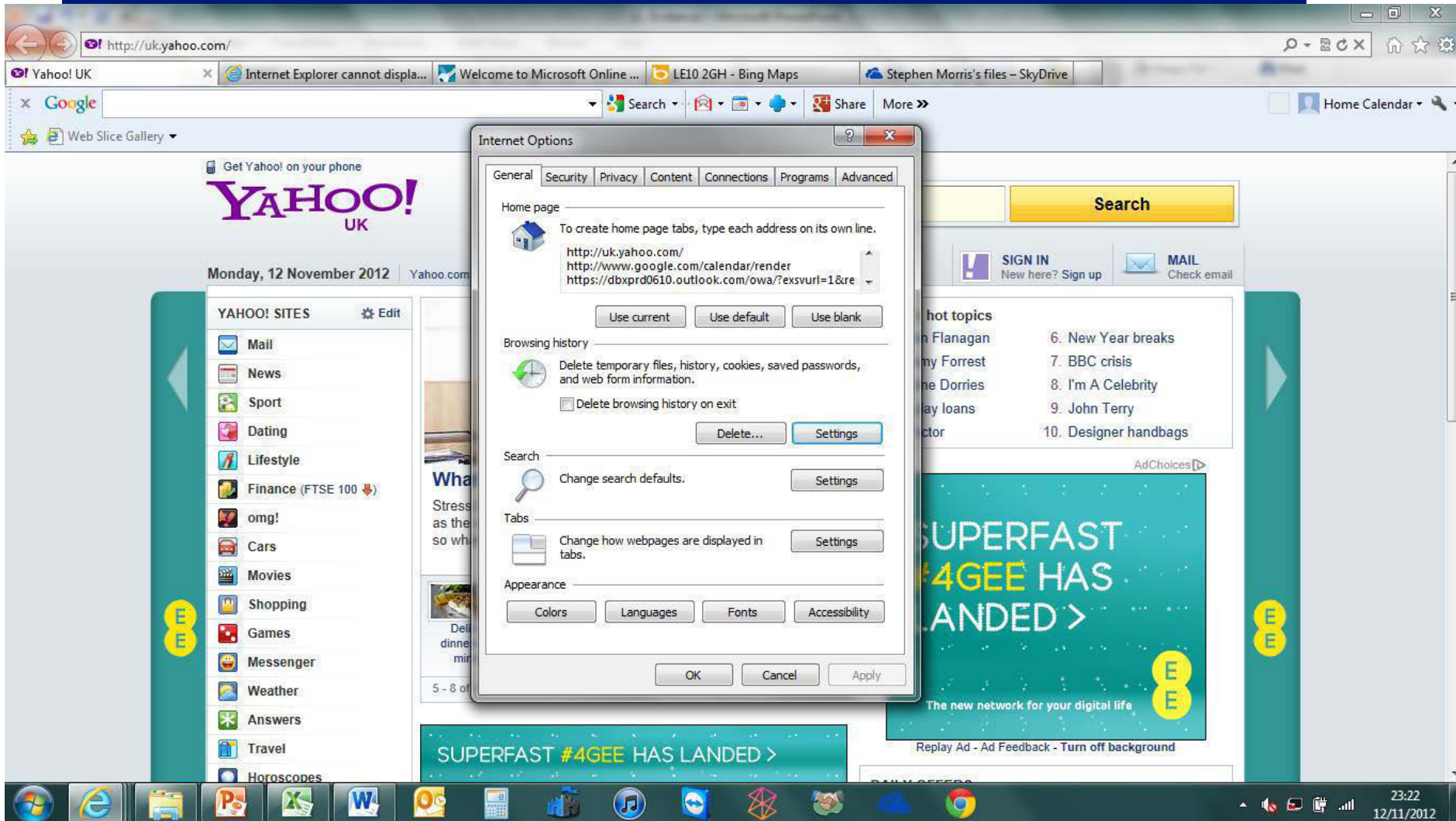
The browser window also shows a search bar with "httrack" entered, and several open tabs including "HTTrack Website Copier - ...". The Windows taskbar at the bottom displays icons for "SJM Internet Investi...", "Internet Websites Se...", "Evidence", and "HTTrack Website C...".



# Browsing history – Audit trail

- When using a computer on the internet, information is exchanged between your computer and the servers that host the WebPages that you are viewing. These are commonly referred to as 'Temporary Internet Files' and 'Cookies'.
- Temporary Internet files are downloaded for each web page. HyperText Markup Language (html) is the predominant language for making these web pages.
- They are saved to the Temporary Internet Files folder, creating a 'cache' of the web page on your computer's hard disk.

# Browsing history – Audit trail



# Browsing history – Audit trail

Name	Internet Address	Type	Size	Expires	Last Modified	Last Accessed	Last Checked
search?client=...	http://clients1.google.co.uk/co...	File	1KB	22/12/2011 12:19	None	22/12/2011 11:19	22/12/2011 11:19
search?client=...	http://clients1.google.co.uk/co...	File	1KB	22/12/2011 12:19	None	22/12/2011 11:19	22/12/2011 11:19
search?client=...	http://clients1.google.co.uk/co...	File	1KB	22/12/2011 12:19	None	22/12/2011 11:19	22/12/2011 11:19
search?client=...	http://clients1.google.co.uk/co...	File	1KB	22/12/2011 12:19	None	22/12/2011 11:19	22/12/2011 11:19
search?client=...	http://clients1.google.co.uk/co...	File	1KB	22/12/2011 12:19	None	22/12/2011 11:19	22/12/2011 11:19
search?client=...	http://clients1.google.co.uk/co...	File	1KB	22/12/2011 12:19	None	22/12/2011 11:19	22/12/2011 11:19
search?client=...	http://clients1.google.co.uk/co...	File	1KB	22/12/2011 12:19	None	22/12/2011 11:19	22/12/2011 11:19
search?client=...	http://clients1.google.co.uk/co...	File	1KB	22/12/2011 12:19	None	22/12/2011 11:19	22/12/2011 11:19
search?client=...	http://clients1.google.co.uk/co...	File	1KB	22/12/2011 12:19	None	22/12/2011 11:19	22/12/2011 11:19
search?hl=en&...	http://www.google.co.uk/search...	HTML Document	58KB	22/12/2011 11:19	None	22/12/2011 11:19	22/12/2011 11:19
roYur5Ee6YJ	http://news.google.co.uk/news/...	JPEG Image	2KB	29/12/2011 11:19	19/12/2011 18:30	22/12/2011 11:19	22/12/2011 11:19
nav_logo_hp2	http://www.google.co.uk/image...	PNG Image	30KB	21/12/2012 11:19	25/08/2011 02:15	22/12/2011 11:19	22/12/2011 11:19
Y-eO8SDgTAW	http://www.google.co.uk/exte...	JScript Script ...	72KB	15/12/2012 17:52	17/12/2010 00:00	22/12/2011 11:19	22/12/2011 11:19
favicon	http://www.google.co.uk/favico...	Icon	2KB	21/12/2012 11:19	25/03/2010 09:42	22/12/2011 11:19	22/12/2011 11:19
www.norfolk.gov	http://www.norfolk.gov.uk/	HTML Document	51KB	22/12/2011 11:47	22/12/2011 10:47	22/12/2011 11:19	22/12/2011 11:19
ncc-flash-dete...	http://www.norfolk.gov.uk/cons...	JScript Script ...	8KB	23/12/2011 08:45	24/11/2011 01:20	22/12/2011 11:19	22/12/2011 11:19
ncc-bgr-leftme...	http://www.norfolk.gov.uk/cons...	PNG Image	1KB	23/12/2011 08:45	24/11/2011 06:18	22/12/2011 11:19	22/12/2011 11:19
ncc-image01	http://www.norfolk.gov.uk/cons...	PNG Image	6KB	23/12/2011 08:45	24/11/2011 01:34	22/12/2011 11:19	22/12/2011 11:19
ncc-image02	http://www.norfolk.gov.uk/cons...	PNG Image	6KB	23/12/2011 08:45	24/11/2011 05:25	22/12/2011 11:19	22/12/2011 11:19
ncc-image03	http://www.norfolk.gov.uk/cons...	PNG Image	5KB	23/12/2011 08:45	24/11/2011 07:19	22/12/2011 11:19	22/12/2011 11:19
ads?client=ca...	http://googleads.g.doubleclick.n...	HTML Document	5KB	22/12/2011 10:19	None	22/12/2011 11:19	22/12/2011 11:19
imgad?id=CIC...	http://googleads.g.doubleclick.n...	GIF Image	33KB	29/12/2011 07:15	None	22/12/2011 11:19	22/12/2011 11:19
s	http://googleads.g.doubleclick.n...	HTML Document	1KB	31/12/2011 15:37	None	22/12/2011 11:19	22/12/2011 11:19
si?p=CAA&ut=...	https://googleads.g.doubleclick...	HTML Document	0KB	22/12/2011 10:19	None	22/12/2011 11:19	22/12/2011 11:19
widget	http://widgets.twimg.com/j/2/wi...	JScript Script ...	45KB	22/12/2011 11:34	12/12/2011 18:20	22/12/2011 11:19	22/12/2011 11:19
ncc-pod-img-n...	http://www.norfolk.gov.uk/cons...	GIF Image	21KB	23/12/2011 08:45	24/11/2011 07:28	22/12/2011 11:19	22/12/2011 11:19
ncc-bgr-button-a	http://www.norfolk.gov.uk/cons...	GIF Image	2KB	23/12/2011 08:45	24/11/2011 06:32	22/12/2011 11:19	22/12/2011 11:19
ncc-bgr-button...	http://www.norfolk.gov.uk/cons...	GIF Image	3KB	23/12/2011 08:45	24/11/2011 03:28	22/12/2011 11:19	22/12/2011 11:19
widget	http://widgets.twimg.com/j/2/wi...	Cascading St...	3KB	22/12/2011 11:34	12/12/2011 18:20	22/12/2011 11:19	22/12/2011 11:19
47470-1	http://www.norfolk.gov.uk/cons...	JPEG Image	29KB	23/12/2011 08:45	21/12/2011 17:51	22/12/2011 11:19	22/12/2011 11:19
47362-1	http://www.norfolk.gov.uk/cons...	JPEG Image	24KB	23/12/2011 08:45	21/12/2011 15:01	22/12/2011 11:19	22/12/2011 11:19
cookie:djadk@...	Cookie:djadk@youtube.com/	Text Document	1KB	18/08/2012 11:19	22/12/2011 11:19	22/12/2011 11:19	22/12/2011 11:19
B2N8P3M58dM...	http://www.youtube.com/v/B2N...	Shockwave FL...	2KB	22/12/2011 10:19	None	22/12/2011 11:19	22/12/2011 11:19
45348-1	http://www.norfolk.gov.uk/cons...	JPEG Image	34KB	23/12/2011 08:45	21/12/2011 15:01	22/12/2011 11:19	22/12/2011 11:19
35114-1	http://www.norfolk.gov.uk/cons...	JPEG Image	9KB	23/12/2011 08:45	24/11/2011 09:56	22/12/2011 11:19	22/12/2011 11:19
ncc-h2-arrow-...	http://www.norfolk.gov.uk/cons...	PNG Image	1KB	23/12/2011 09:19	24/11/2011 03:14	22/12/2011 11:19	22/12/2011 11:19
cps-vf7jyGBT	http://s.ytimg.com/ytfswbin/cp...	Shockwave FL...	147KB	15/12/2012 00:18	20/12/2011 22:17	22/12/2011 11:19	22/12/2011 11:19
default	http://widgets.twimg.com/j/1/d...	GIF Image	1KB	22/12/2011 11:34	23/07/2009 22:48	22/12/2011 11:19	22/12/2011 11:19
widget-logo	http://widgets.twimg.com/j/widg...	PNG Image	1KB	22/12/2011 11:34	02/11/2010 21:20	22/12/2011 11:19	22/12/2011 11:19
_utm.gif?utm...	http://www.google-analytics.co...	GIF Image	1KB	22/12/2011 10:19	21/01/2004 19:51	22/12/2011 11:19	22/12/2011 11:19
user_timeline.j...	http://api.twitter.com/1/status...	JSON File	7KB	22/12/2011 10:19	22/12/2011 11:19	22/12/2011 11:19	22/12/2011 11:19

# Internet Research Websites

01 November 2019

<b>Search Engines</b>
<p><a href="https://www.google.co.uk/">https://www.google.co.uk/</a> (or com)</p> <p><a href="https://www.bing.com/">https://www.bing.com/</a></p> <p><a href="https://www.yandex.com/">https://www.yandex.com/</a></p> <p><a href="http://www.dogpile.com/">http://www.dogpile.com/</a></p> <p><a href="https://duckduckgo.com/">https://duckduckgo.com/</a></p> <p><a href="http://www.webcrawler.com/">http://www.webcrawler.com/</a></p> <p><a href="https://uk.search.yahoo.com/">https://uk.search.yahoo.com/</a></p> <p><a href="http://www.searchenginecolossus.com/">http://www.searchenginecolossus.com/</a></p>
<b>Comments</b>
<ul style="list-style-type: none"> <li>• Search engines are real-time directories of what has been cached from the internet by software – Many types of search engine, searching specific subjects across the internet</li> <li>• Skill required to reduce number of 'hits' – Boolean logic</li> <li>• Search engines on small individual websites and larger ones such as ebay, flickr, etc</li> <li>• Advanced search facilities and filters - semantics</li> <li>• Exact words and phrases - Predictive text, caches - Regional search engines</li> </ul>
<b>Phone numbers</b>
<p><a href="http://www.magsys.co.uk">http://www.magsys.co.uk</a></p> <p><a href="http://static.ofcom.org.uk/static/numbering/">http://static.ofcom.org.uk/static/numbering/</a></p> <p><a href="http://whocallsme.com">http://whocallsme.com</a> (and other tele-pest blogs)</p> <p><a href="https://www.truecaller.com/">https://www.truecaller.com/</a></p> <p><a href="https://www.whatsapp.com/">https://www.whatsapp.com/</a></p> <p><a href="http://www.saynoto0870.com/">http:// www.saynoto0870.com/</a></p>
<b>Comments</b>
<ul style="list-style-type: none"> <li>• Search exact numbers in search engines (speech marks)</li> <li>• Consider different formats of number posted on a site that might have been cached</li> <li>• 08 numbers require geographical exchange numbers – further information to search</li> </ul>
<b>Website details</b>
<p><a href="https://www.nominet.uk/">https://www.nominet.uk/</a></p> <p><a href="http://whois.domaintools.com/">http://whois.domaintools.com/</a></p> <p><a href="http://centralops.net/co/">http://centralops.net/co/</a></p>
<b>Comments</b>
<ul style="list-style-type: none"> <li>• Lots of technical data available</li> </ul>

- Associated accounts (domains etc)
- Opportunities for further enquiries – payment information etc
- Complete history from RIPE
- For a small fee complete history of domain 'ownership'

### Old Website Caches

<http://archive.org/web/> Waybackmachine

<http://www.webarchive.org.uk/>

#### Comments

- Enter website address (domain name) into search box
- Outlook style calendar for current year appears with cached dates in blue background
- Hover over a date and the exact time and date of cache appears
- Click on a highlighted date and the old webpage/site appears revealing images, names, contact details, phone numbers email addresses – all researchable

### People Searching - Social Networking Sites

<https://pipl.com/>

<http://www.yasni.co.uk> (or com)

<https://www.yandex.com/>

<http://www.dogpile.co.uk/>

<https://www.facebook.com/help/community/question/?id=10203187384877484>

<https://www.facebook.com/help/460711197281324/>

<https://twitter.com/search-advanced?lang=en-gb>

<https://www.linkedin.com/help/linkedin/answer/302>

<https://inteltechniques.com/menu.html>

<http://osintframework.com/>

<https://www.bellingcat.com/>

<https://namechk.com/>

<https://usersearch.org/>

<https://www.peekyou.com/>

<https://pikdo.net/>

<http://sometag.org>

<http://www.192.com>

#### Comments

- Lots of information! - Judge carefully the source and the information provided
- Different sites, different settings
- Potential privacy and Human Rights and RIPA issues and authorisation may be required for some activity

- There is private information on most profiles – and it does require consideration of why looking at it, and necessity and proportionality of extent of intrusion balanced with what being dealt with
- Guidance, Your organisation policy – if required obtain legal advice (but don't be afraid to consider and use this as a research opportunity) Every set of circumstances needs to be considered on it's own merits

### **Businesses**

<https://beta.companieshouse.gov.uk/>  
<https://opencorporates.com/>  
<https://www.endole.co.uk/products/company-search/>  
<https://www.duedil.com/>  
<https://www.arachnys.com/solutions/investigator>  
<https://star.worldbank.org/content/beneficial-ownership-guides>

### **Comments**

- The source of data is Companies House, however researching the site can be time consuming and for some data require registration
- Many websites provide the same data in more accessible and easily read format
- Searches by postcode, address, through Google etc often return 'hits' through these sites.
- Again, consider reliability and if to be used as evidence or to cause some definitive action, consider obtaining it directly from Companies House

### **Property**

<http://www.zoopla.co.uk>  
<http://www.rightmove.co.uk/>  
<http://www.landregisteronline.gov.uk/>  
[http://www.landregistry.gov.uk/property\\_info/phs/](http://www.landregistry.gov.uk/property_info/phs/)  
<http://www.192.com/>  
<https://www.elra.eu/facts-sheets/land-registries-cadastres-in-europe/2-land-registry-and-the-cadaster/>

### **Comments**

- Lots of information about current and old property listings
- Photographs, prices, and often tagging data in photographs which might real other information such as names, email addresses, phone numbers
- 192.com is a pay site – free searches provide very random, sketchy results
- Elra.eu is official EU central point of contact for enquiries with EU land registries



<b>Blogs</b>
<a href="http://www.blogsearchengine.org/">http://www.blogsearchengine.org/</a> <a href="https://www.searchblogspot.com/">https://www.searchblogspot.com/</a> <a href="http://www.lycos.com/">http://www.lycos.com/</a>
<b>Comments</b>
<ul style="list-style-type: none"> <li>• Lots of different blogs search engines – normally focused on particular subjects</li> </ul>
<b>Postcode</b>
<a href="http://www.royalmail.com">http://www.royalmail.com</a> <a href="http://www.postcodeanywhere.co.uk/demos/address-finder/">http://www.postcodeanywhere.co.uk/demos/address-finder/</a>
<b>Comments</b>
<ul style="list-style-type: none"> <li>• Open source royal mail site to check addresses within a post code, or find post code for an address</li> </ul>
<b>Images videos GPS (EXIF Data)</b>
<a href="https://www.google.com/imghp?hl=EN">https://www.google.com/imghp?hl=EN</a> <a href="https://www.bing.com/">https://www.bing.com/</a> <a href="https://www.tineye.com/">https://www.tineye.com/</a> (reverse image search) <a href="https://www.gps-coordinates.org/">https://www.gps-coordinates.org/</a> <a href="http://www.pic2map.com">www.pic2map.com</a> <a href="https://www.flickr.com/">https://www.flickr.com/</a> (search by tagging, location, user, geo-tagging etc) <a href="https://www.google.co.uk/intl/en_uk/earth/">https://www.google.co.uk/intl/en_uk/earth/</a> <a href="http://www.findexif.com">http://www.findexif.com</a> <a href="http://fotoforensics.com">http://fotoforensics.com</a> <a href="http://exif.regex.info/exif.cgi">http://exif.regex.info/exif.cgi</a> <a href="http://www.geograph.org.uk/">http://www.geograph.org.uk/</a>
<b>Comments</b>
<ul style="list-style-type: none"> <li>• Search images by their properties, tagging data, geo-tagging data etc</li> <li>• Search images to find them on other websites</li> <li>• Search by location, user, etc</li> <li>• Identifies user details, account user names, and lots more which can then be researched through Google etc to link to other online activity</li> <li>• Consider facial recognition and machine learning technologies</li> </ul>
<b>Vehicles</b>
<a href="https://www.mycarcheck.com/">https://www.mycarcheck.com/</a> <a href="https://www.gov.uk/request-information-from-dvla">https://www.gov.uk/request-information-from-dvla</a> <a href="https://ownvehicle.askmid.com/">https://ownvehicle.askmid.com/</a>

<https://www.vehicleenquiry.service.gov.uk/Default.aspx>

<https://www.gov.uk/check-mot-status>

<https://cazana.com/uk>

### **Comments**

- DVLA will provide registered keeper information if requested and reasons are in line with their disclosure regime
- Other sites provide vehicle make, model and colour from registered number
- Askmid provides information about current insurance status
- Other sites provide other vehicle history upon payment – but beware, some promise lots but take your money and deliver little

### **Organisations**

<http://www.the-sia.org.uk/home/licensing/register/register.htm> (door supervisors etc)

<http://www.gassaferegister.co.uk/>

<http://www.gmc-uk.org> (doctors)

<http://www.legalhub.co.uk> Bar Council register

<http://www.gla.gov.uk> Gangmasters Licensing Authority

### **Comments**

- A few examples – when researching people and their business or private activities, consider what organisations they might be registered with. The websites of these organisations often provide publicly available personal information

### **ebay**

<http://www.ebay.co.uk/sch/ebayadvsearch/>

<http://pages.ebay.co.uk/help/search/search-commands.html>

<https://www.ecopsapp.com/>

### **Comments**

- Using advanced search facilities on ebay, and with practice you should be able to find information about anything being sold, and information about sellers
- E-cops provides a professional ebay search and statement – at a cost
- 

### **Financial**

<http://findsortcodes.co.uk/#>

<http://www.postcodeanywhere.co.uk/demos/bank-validator/>

[https://europa.eu/youreurope/business/taxation/vat/check-vat-number-vies/index\\_en.htm](https://europa.eu/youreurope/business/taxation/vat/check-vat-number-vies/index_en.htm)

<https://www.bindb.com/bin-database.html>

<a href="http://www.binbase.com/search.html">http://www.binbase.com/search.html</a> <a href="http://www.equifax.co.uk">http://www.equifax.co.uk</a> - <a href="http://www.experian.com">http://www.experian.com</a> <a href="https://www.trustonline.org.uk/">https://www.trustonline.org.uk/</a> <a href="https://www.gov.uk/search-bankruptcy-insolvency-register">https://www.gov.uk/search-bankruptcy-insolvency-register</a> <a href="https://www.insolvencydirect.bis.gov.uk/eiir/">https://www.insolvencydirect.bis.gov.uk/eiir/</a>
<b>Comments</b>
<ul style="list-style-type: none"> <li>• A number of resources that provide bank and other financial services information etc</li> </ul>

<b>Identity documents checker sites</b>
<a href="https://www.consilium.europa.eu/prado/en/search-by-document-country.html">https://www.consilium.europa.eu/prado/en/search-by-document-country.html</a> <a href="https://www.keesingtechnologies.com/reference-database/id-documents/">https://www.keesingtechnologies.com/reference-database/id-documents/</a>
<b>Comments</b>
<ul style="list-style-type: none"> <li>• Consilium Europa provides free on-line information about EU identity documents such as passports, visas, identity cards, some driving licences, and other forms of ID</li> <li>• Keesing is internationally recognised and provides support for all worldwide travel documents. Publishes bulletins, guidance and online support. Subscription required</li> </ul>

<b>Maps</b>
<a href="https://www.google.com/maps">https://www.google.com/maps</a> <a href="https://www.openstreetmap.org">https://www.openstreetmap.org</a> <a href="https://yandex.com/maps/">https://yandex.com/maps/</a> <a href="https://liveuamap.com/">https://liveuamap.com/</a>
<b>Comments</b>
<ul style="list-style-type: none"> <li>• Extensive and detailed, providing a variety of views, and photographs of street views</li> <li>• Beware – Streetview and satellite images might be quite old</li> </ul>

<b>Evidence Capture</b>
<a href="http://www.hyperionics.com">http://www.hyperionics.com</a> Hypercam Hypersnap <a href="http://www.httrack.com">http://www.httrack.com</a> <a href="https://www.flashbackrecorder.com/">https://www.flashbackrecorder.com/</a> <a href="http://getfiredshot.com/">http://getfiredshot.com/</a> <a href="http://camstudio.org/">http://camstudio.org/</a> <a href="http://discover.techsmith.com/camtasia-screen-recording/">http://discover.techsmith.com/camtasia-screen-recording/</a> <a href="http://osirtbrowser.com/">http://osirtbrowser.com/</a>
<b>Comments</b>
<ul style="list-style-type: none"> <li>• National and organisational procedures must be followed</li> </ul>

# Search Engines

# Search Engines

- ▶ Software – ‘spiders’ or ‘robots’
- ▶ Crawl across web-pages and documents not securely protected
- ▶ Capture meta data – meta tags – values/ratings
- ▶ Feed into servers (caches)
- ▶ Algorithms (formulas) for analysis and search results

# Search Engines

- ▶ Different types – present results in different order. What do you think might influence this process
- ▶ Different levels of penetration and frequency
- ▶ Some focus on particular parts of the internet
- ▶ Beware caches when viewing results
- ▶ Beware predictive text leading to narrow parameters

# Search Engines

- ▶ Return results think we want
- ▶ Google.com Google.co.uk Google.ie  
Google.fr
- ▶ Temporary internet folder



# Search Engines

- ▶ <https://www.google.co.uk/> (or com)
- ▶ <https://www.bing.com/>
- ▶ <https://www.yandex.com/>
- ▶ <http://www.dogpile.com/>
- ▶ <https://duckduckgo.com/>
- ▶ <http://www.webcrawler.com/>
- ▶ <https://yippy.com/>
- ▶ <https://uk.search.yahoo.com/>
- ▶ <http://www.searchenginecolossus.com/>

# Search Engines – Advanced Search

## Table page 10 of Manual

### Tools

- ▶ When?

### Operators

- ▶ Exact word or phrase
- ▶ All of these words
- ▶ One or more of these words
- ▶ None of these words
- ▶ Region
- ▶ Related (related:www.intelsecurity.co.uk)
- ▶ Linked (link:www.intelsecurity.co.uk)
- ▶ Site (site:www.intelsecurity.co.uk)


# Search Engines

Google search results for "peter jenkins".

Search results include:

- Peter Jenkins (journalist) - Wikipedia**  
[https://en.wikipedia.org/wiki/Peter\\_Jenkins\\_\(journalist\)](https://en.wikipedia.org/wiki/Peter_Jenkins_(journalist))  
Peter George James Jenkins (11 May 1934 – 27 May 1992) was a British journalist and Associate Editor of The Independent. During his career he wrote regular ...
- Peter Jenkins (diplomat) - Wikipedia**  
[https://en.wikipedia.org/wiki/Peter\\_Jenkins\\_\(diplomat\)](https://en.wikipedia.org/wiki/Peter_Jenkins_(diplomat))  
Peter Jenkins is a former British diplomat. Contents. [hide]. 1 Earlier career; 2 Ambassador to IAEA and on to mediation; 3 Negotiations over Iran's nuclear ...
- Peter Jenkins (travel author) - Wikipedia**  
[https://en.wikipedia.org/wiki/Peter\\_Jenkins\\_\(travel\\_author\)](https://en.wikipedia.org/wiki/Peter_Jenkins_(travel_author))  
Peter Jenkins (born July 8, 1951) is an American travel author. He is known for walking from New York to Oregon while writing two books that describe his ...
- ISS Training Ltd**  
[www.intelsecurity.co.uk/](http://www.intelsecurity.co.uk/)  
Surveillance Training Courses and Surveillance Training Manuals from Intel Security Services. You've visited this page many times. Last visit: 26/02/17
- Peter Jenkins - UK address and phone number - 192.com**  
[www.192.com](http://www.192.com) > AZ-People > Surname - Jenkins  
We have found at least 200 people in the UK with the name Peter Jenkins. Click here to find personal

Right-hand panel (Knowledge Panel) for Peter Jenkins:

- Peter Jenkins**  
Journalist
- 
- Born:** 11 May 1934, United Kingdom
- Died:** 27 May 1992, London
- Spouse:** Polly Toynbee (m. 1970–1992)
- Books:** Mrs Thatcher's Revolution, Anatomy of Decline, Time to Listen, Children's Rights
- Children:** Amy Jenkins
- People also search for** (View 2+ more)

Windows taskbar at the bottom shows the time 22:10 and date 12/03/2017.

# Search Engines

The screenshot shows a Google search for "peter jenkins" in a Chrome browser. The search results are displayed on the left, and a knowledge panel is on the right. The knowledge panel includes a photo of Peter Jenkins, his name and profession (Journalist), a brief biography, and key facts such as his birth and death dates, spouse, books, and children. Below the knowledge panel, there are suggestions for other people to search for.

**Search Results:**

- Peter Jenkins (journalist) - Wikipedia**  
[https://en.wikipedia.org/wiki/Peter\\_Jenkins\\_\(journalist\)](https://en.wikipedia.org/wiki/Peter_Jenkins_(journalist))  
Peter George James Jenkins (11 May 1934 – 27 May 1992) was a British journalist and Associate Editor of The Independent. During his career he wrote regular ...
- Peter Jenkins (diplomat) - Wikipedia**  
[https://en.wikipedia.org/wiki/Peter\\_Jenkins\\_\(diplomat\)](https://en.wikipedia.org/wiki/Peter_Jenkins_(diplomat))  
Peter Jenkins is a former British diplomat. Contents. [hide]. 1 Earlier career; 2 Ambassador to IAEA and on to mediation; 3 Negotiations over Iran's nuclear ...
- Peter Jenkins (travel author) - Wikipedia**  
[https://en.wikipedia.org/wiki/Peter\\_Jenkins\\_\(travel\\_author\)](https://en.wikipedia.org/wiki/Peter_Jenkins_(travel_author))  
Peter Jenkins (born July 8, 1951) is an American travel author. He is known for walking from New York to Oregon while writing two books that describe his ...
- ISS Training Ltd**  
[www.intelsecurity.co.uk/](http://www.intelsecurity.co.uk/)  
Surveillance Training Courses and Surveillance Training Manuals from Intel Security Services. You've visited this page many times. Last visit: 26/02/17
- Peter Jenkins - UK address and phone number - 192.com**  
[www.192.com](http://www.192.com) > AZ-People > Surname - Jenkins  
We have found at least 200 people in the UK with the name Peter Jenkins. Click here to find personal

**Knowledge Panel:**

**Peter Jenkins**  
Journalist

Peter George James Jenkins was a British journalist and Associate Editor of The Independent. During his career he wrote regular columns for The Guardian, The Sunday Times as well as the The Independent.  
Wikipedia

**Born:** 11 May 1934, United Kingdom  
**Died:** 27 May 1992, London  
**Spouse:** Polly Toynbee (m. 1970–1992)  
**Books:** Mrs Thatcher's Revolution, Anatomy of Decline, Time to Listen, Children's Rights  
**Children:** Amy Jenkins

**People also search for** [View 2+ more](#)

Thumbnail images of other search results are visible at the bottom of the knowledge panel.

# Search Engines

Browser tabs: peter jenkins - Google Se x

Address bar: [https://www.google.co.uk/search?q=peter+jenkins&rlz=1C1CHBF\\_en-GBGB783GB783&oq=peter+jenkins&aqs=chrome..69i57j35i39l2j0l3.6007j0j7&sourceid=c...](https://www.google.co.uk/search?q=peter+jenkins&rlz=1C1CHBF_en-GBGB783GB783&oq=peter+jenkins&aqs=chrome..69i57j35i39l2j0l3.6007j0j7&sourceid=c...)

Navigation bar: Apps, Yahoo Mail, Google Calendar - Fe, Personal banking | Ba, Lloyds Bank - Interne, Current Accounts, Sa, GWR

Google logo

Search input: peter jenkins

Filters: All, Images, News, Videos, Shopping, More

Settings, Tools

Filters: Any country, Any time, All results

Time filter dropdown:

- Any time (checked)
- Past hour
- Past 24 hours
- Past week
- Past month
- Past year
- Custom range...

Search results:

- Peter Jenkins** - Wikipedia  
[https://en.wikipedia.org/wiki/Peter\\_Jenkins\\_\(journalist\)](https://en.wikipedia.org/wiki/Peter_Jenkins_(journalist))  
Peter George James Jenkins (14 May 1934 – 27 May 1992) was a British journalist and Associate Editor of The Independent. During his career he wrote regular columns for The Guardian, The Sunday Times as well as The Independent. He was educated at Culford School and Trinity Hall, Cambridge, where he was a member of the Cambridge Footlights Club.
- Peter Jenkins** - Wikipedia  
[https://en.wikipedia.org/wiki/Peter\\_Jenkins\\_\(travel\\_author\)](https://en.wikipedia.org/wiki/Peter_Jenkins_(travel_author))  
Peter Jenkins is an American travel author. He is known for walking from New York to Oregon while writing two books that describe his experiences over the nearly six years that he spent walking. He is a graduate of Alfred University, with a BFA in Sculpture/Ceramics (1973), as well as an honorary ...
- Peter Jenkins Profiles | Facebook**  
<https://en-gb.facebook.com/public/Peter-Jenkins>  
View the profiles of people named Peter Jenkins. Join Facebook to connect with Peter Jenkins and others you may know. Facebook gives people the power to ...


Images for peter jenkins

**Peter Jenkins**  
British journalist

Peter George James Jenkins was a British journalist and Associate Editor of The Independent. During his career he wrote regular columns for The Guardian, The Sunday Times as well as The Independent. [Wikipedia](#)

**Born:** 11 May 1934, United Kingdom  
**Died:** 27 May 1992, London  
**Spouse:** Polly Toynbee (m. 1970–1992)  
**Books:** Mrs Thatcher's Revolution, The Battle of Downing Street, [MORE](#)  
**Children:** Amy Jenkins

People also search for [View 2+ more](#)





# Search Engines

The image shows a Google search results page for the query "peter jenkins". The search bar at the top contains the text "peter jenkins". Below the search bar, there are tabs for "All", "Images", "Books", "News", "Videos", and "More". The "All" tab is selected. A "Tools" menu is open, showing options: "Search settings", "Languages", "Turn on SafeSearch", "Hide private results", "Advanced search", "My Activity", and "Search help". The search results are filtered by "Any country", "1 Jan 2002 - 1 Jan 2003", and "Sorted by relevance". The first result is "Peter Jenkins Finds Jesus While Walking America | Christianity Today", with a snippet: "1 Jan 2003 - Peter Jenkins began a five-year, 4,500-mile walk across America in...". The second result is "Looking for Alaska: Peter Jenkins: 9780312302894: Amazon.com", with a snippet: "1 Feb 2002 - More than twenty years ago, a disillusioned college graduate named out with his dog Cooper to look for himself and his nation. His memoir of...". The third result is "Peter Jenkins - Standard Life Wealth", with a snippet: "1 Feb 2002 - Peter Jenkins moved to Standard Life Wealth following the acquisition of the Newton private client business in 2013 and manages portfolios for private clients, ...". The fourth result is "Peter Jenkins | LinkedIn", with a snippet: "15 Apr 2002 - View Peter Jenkins' professional profile on LinkedIn. LinkedIn is the world's largest business network, helping professionals like Peter Jenkins discover inside...". The fifth result is "Peter Jenkins · OverDrive: eBooks, audiobooks and videos for libraries". The browser's address bar shows the URL: "https://www.google.co.uk/advanced\_search?q=peter+jenkins&safe=off&espv=2&biw=1366&bih=638&tbs=cdr:1,cd\_min:1/1/2002,cd\_max:1/1/2003&hl=en". The Windows taskbar at the bottom shows the Start button, File Explorer, Google Chrome, VLC media player, Microsoft PowerPoint, and Microsoft Word. The system tray on the right shows the time as 22:15 and the date as 12/03/2017.





# Search Engines

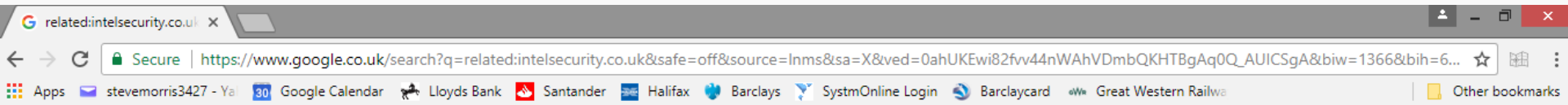
The screenshot shows a Google search results page. The search query is "peter jenkins" "ISS Training". The results are sorted by relevance and show two main entries:

- Peter Jenkins | LinkedIn**  
<https://uk.linkedin.com/in/peter-jenkins-3ba90b33>  
15 Sep 2003 - View Peter Jenkins' professional profile on LinkedIn. ... Peter Jenkins discover inside connections to recommended job candidates, industry ... ISS Training Ltd.
- NEW AND FEATURED BOOKS - PI Mall**  
[www.pimall.com/nais/bkp.feas.html](http://www.pimall.com/nais/bkp.feas.html)  
10 Dec 2005 - Check It Out! SURVEILLANCE TRADECRAFT MANUAL The Professionals Guide To Covert Surveillance Training By Peter Jenkins 500 pages, 2000 Images ...

Below the results, there is a notice: *Some results may have been removed under data protection law in Europe. Learn more*

At the bottom of the page, there are links for Help, Send feedback, Privacy, and Terms. The Windows taskbar is visible at the very bottom, showing the time as 22:19 on 12/03/2017.

# related:intelsecurity.co.uk



Google  [Microphone] [Search]

All Images Maps Shopping More Settings Tools

9 results (0.13 seconds)

## Covert Surveillance Training & Operations

[www.crops.uk.com/](http://www.crops.uk.com/)

Crops UK is the foremost surveillance company specialising in Covert Surveillance Training & Operations with Concealed Camera Placements.

## World Association of Professional Investigators: Home Page

[wapi.com/](http://wapi.com/)

We are here to serve. The World Association of Professional Investigators, WAPI, Is a professional investigator body, formed by professionals, for professionals.

## The Institute of Professional Investigators

[www.ipi.org.uk/](http://www.ipi.org.uk/)

3 Dec 2013 - Institute of Professional Investigators represents the interests of professional and private investigators in the UK and Worldwide.

## UKPIN, UK private investigator. Detective and investigation agency. PI ...

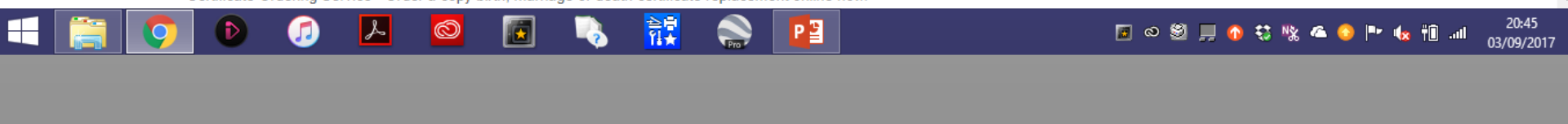
[www.ukpin.com/](http://www.ukpin.com/)

United Kingdom Professional Investigators Network (UKPIN) UK & international private investigators. Professional investigator and detective Network with ...

## Replacement Birth, Marriage, or Death Certificates British UK ...

<https://www.ukofficialservices.co.uk/>

Certificate Ordering Service - Order a copy birth, marriage or death certificate replacement online now.



# linked:www.intelsecurity.co.uk

linked:www.intelsecurity.co.uk

Secure | [https://www.google.co.uk/search?safe=off&biw=1366&bih=638&q=linked%3Awww.intelsecurity.co.uk&oq=linked%3Awww.intelsecurity.co.uk&gs\\_l=psy-ab.3...23193.25795.0...](https://www.google.co.uk/search?safe=off&biw=1366&bih=638&q=linked%3Awww.intelsecurity.co.uk&oq=linked%3Awww.intelsecurity.co.uk&gs_l=psy-ab.3...23193.25795.0...)

Google

linked:www.intelsecurity.co.uk

All News Shopping Videos Images More Settings Tools

About 88,000 results (0.35 seconds)

**ISS Training Ltd**  
[www.intelsecurity.co.uk/](http://www.intelsecurity.co.uk/) ▾  
ISS Training Ltd are pleased to announce that they are working together with the UK's respected surveillance company 'The Cotswold Group'... Read more ...

**Links - ISS Training Ltd**  
[www.intelsecurity.co.uk/links](http://www.intelsecurity.co.uk/links) ▾  
Links. Here are some of the organisations that we associate with... Hidden Technology Systems ... Audiotel International. Association of British Investigators. BBA.

**Peter Jenkins | Professional Profile - LinkedIn**  
<https://uk.linkedin.com/in/peter-jenkins-6a428a30>  
Pateley Bridge, North Yorkshire, United Kingdom - ISS Training Ltd - ISS Training Ltd  
Instructional staff are former UK Military Intelligence, Special Forces, Police and ... Intel Security Services became a Private Limited company in March 2003 and ...

**Paul Fryer | Professional Profile - LinkedIn**  
<https://uk.linkedin.com/in/paul-fryer-3718646>  
View Paul Fryer's professional profile on LinkedIn. ... Company Website ... Intel Security ... A preview of what LinkedIn members have to say about Paul: ... In-Win Business Development Manager at Server Case UK specialising in Custom Build ...

**Intel Security**

20:53 03/09/2017

# Recent Cache searching – low meta data value caches

The image shows a screenshot of a Google search results page. The search query is "iss training". The results are sorted by relevance and show several entries related to ISS training and private investigation services. The browser's address bar shows the URL: <https://www.google.co.uk/search?q='iss+training'&safe=off&source=Int&tbts=qdr:w&sa=X&ved=0ahUKEwjh783q9onWAhVPmbQKHRG2DvUQpwUIIA&biw=1366&bih=...>. The browser's taskbar at the bottom shows various application icons and the system clock indicating 22:11 on 03/09/2017.

Google "iss training"

All Videos Images News Shopping More Settings Tools

Any country ▾ Past week ▾ Sorted by relevance ▾ All results ▾ Clear

**Integrated Security Solutions LLC: Home**  
<https://www.ississafety.com/> ▾  
2 days ago - ... Mr. Powell transformed his Network, Knowledge and Experience into ISS. Training in over 69 countries across the world, along with travel to over 96 countries, ...

**Spacewalks & Experiments: Members of 53/43 ISS Expedition Talk on ...**  
[https://sputniknews.com/art\\_living/201709021057023346-iss-mission-plans/](https://sputniknews.com/art_living/201709021057023346-iss-mission-plans/) ▾  
1 day ago - International Space Station (ISS), training, space, ISS, Baikonur, Russia. Track Do not track Community standardsDiscussion. Comment via FacebookComment ...

**Nottingham Detectives - Private Investigators Nottingham**  
[nottinghamdetectives.co.uk/](http://nottinghamdetectives.co.uk/) ▾  
3 days ago - Want to be a Private Investigator? ISS Training - Our recommended partner for Private Investigator training. LocalPI - The UK's Largest Private Investigator Group ...

**Private Surveillance and Vehicle Tracking - Telford Detectives**  
[telforddetectives.co.uk/private-packages](http://telforddetectives.co.uk/private-packages) ▾  
3 days ago - Want to be a Private Investigator? ISS Training - Our recommended partner for Private Investigator training. LocalPI - The UK's Largest Private Investigator Group ...

**Proof of Cohabitation Packages Glasgow Detectives**  
[glasgowdetectives.co.uk/proof-of-cohabitation-packages](http://glasgowdetectives.co.uk/proof-of-cohabitation-packages) ▾  
2 days ago - Want to be a Private Investigator? ISS Training - Our recommended partner for Private

# Search Engines

- ▶ Advanced Search Techniques
- ▶ Reducing the Number of ‘Hits’
- ▶ Boolean Logic
- ▶ “exact numbers or words”
- ▶ -word – “phrase or collection of words”

# Search Engines

- ▶ Use Several Search Engines – different results
- ▶ Be careful that advanced search does not ‘tip out’ results e.g. Region - Ireland might remove universal American sites used extensively in Ireland
- ▶ Different search engines for different subject areas

# Searching Phone Nos.

- ▶ Enter “07988 123456”
- ▶ Enter “07988123456” (searches precise details)
- ▶ But what other formats might have been used?
- ▶ +44 (0) 7988 123456 and more



# 08 Numbers

- ▶ Virtual numbers
- ▶ Attached to geographic exchanges and numbers
- ▶ ‘say no to 0870’
- ▶ Identify
  - ▶ geographic location
  - ▶ other account/business information
  - ▶ other numbers to research



# CodeLook

## Magenta Dialling Code Lookup

[Member Login](#)  
Database Updated:  
20th February 2013  
Page Updated:  
7th December 2012

CodeLook has two main functions, looking up partial UK telephone numbers to find the locality and call costs, and looking up locality names and post codes to find the code. For localities and post code, broadband ADSL and fibre availability information is provided. The CodeLook database is updated every one or two weeks.

**Partial Telephone Number to Lookup:**   **Own Telephone Code (optional):**

**Locality or Post Code to Lookup:**  **Call Costing Package:** **BT Unlimited Weekend Plan**

[Return to Telecom Introduction Page](#)

**Other Magenta Sites**

[CodeLook](#)  
lookup telephone numbers and cost

[ComCap v4](#)  
data capture utility

[DUN Manager](#)  
broadband and dial-up networking enhancement

[MailMaint](#)  
[POP3 email](#)

[Delphi Developers](#)

[Links to Other General Sites](#)

[Links to Other Telecom Sites](#)

Ready for Dialling Code Searches - WebApp 3.0

Magenta Telecom SQL Database, Version 1.2  
Creation Date: 20th February 2013  
Source: Ofcom CodeList numbering database dated 20th February 2013  
Source: BT Electronic Price List dated 18th February 2013  
Source: BT Wholesale broadband datasets dated 5th February 2013

The partial telephone number can be UK national, international, UK mobile, UK premium, a UK service or UK indirect code. It may be a combined indirect code and partial number. Numbers are entered as dialled from UK landline and mobile telephones.

Please note this site is intended to look up UK telephone numbers, it lists some international numbers but only with country names and those numbers necessary to identify more expensive international calls. No personal information is returned by CodeLook, it is not possible to find the user of a landline or mobile number without a legal court order.

When searching localities and area codes, postal county and island names may be entered. Historic information is available for some numbers, also the Ofcom CUPID and other codes used by licensed operators.

To protect the web server, the number of lookups is limited each day to 20 lookups, unless you are a paid member and logged-on to this site. We are however offering free membership for non-commercial use by the various UK authorities that use CodeLook to trace telecom operators, please order free [CodeLook Membership](#). A single logon can be shared by different shifts.

This web site is duplicated on different servers for redundancy:

[Main Site CodeLook](#) <http://www.telecom-tariffs.co.uk/codelook.htm>





# CodeLook

## Magenta Dialling Code Lookup

[Member Login](#)  
Database Updated:  
20th February 2013  
Page Updated:  
7th December 2012  
[Return to Telecom  
Introduction Page](#)

[Other Magenta  
Sites](#)

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networking enhancement  
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[Delphi Developers](#)  
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Telecom Sites](#)

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**Partial Telephone Number to Lookup:**  **Own Telephone Code (optional):**

**Locality or Post Code to Lookup:**  **Call Costing Package:** **BT Unlimited Weekend Plan**

Number	Locality or Use	Service	Charging	Operator
<a href="#">01423 71</a>	<a href="#">Pateley Bridge, Harrogate, North Yorkshire</a>	Geographic BT	<a href="#">BT National</a>	<a href="#">British Telecom</a>

The partial telephone number can be UK national, international, UK mobile, UK premium, a UK service or UK indirect code. It may be a combined indirect code and partial number. Numbers are entered as dialled from UK landline and mobile telephones.

Please note this site is intended to look up UK telephone numbers, it lists some international numbers but only with country names and those numbers necessary to identify more expensive international calls. No personal information is returned by CodeLook, it is not possible to find the user of a landline or mobile number without a legal court order.

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This web site is duplicated on different servers for redundancy:

- [Main Site CodeLook](http://www.telecom-tariffs.co.uk/codelook.htm) <http://www.telecom-tariffs.co.uk/codelook.htm>
- [Alternate Site CodeLook](http://www1.telecom-tariffs.co.uk/codelook.htm) <http://www1.telecom-tariffs.co.uk/codelook.htm>
- [Secure Site CodeLook](https://www.telecom-tariffs.co.uk/codelook.htm) <https://www.telecom-tariffs.co.uk/codelook.htm>

Please bookmark the alternate site in case the main site becomes unavailable. If all pages fail, please [email](#) Magenta Systems.







[Member Login](#)

Database Updated:  
20th February 2013

Page Updated:  
7th December 2012

[Return to Telecom Introduction Page](#)

**Other Magenta Sites**

[CodeLook](#)  
lookup telephone numbers and cost

[ComCap v4](#)  
data capture utility

[DUN Manager](#)  
broadband and dial-up networking enhancement

[MailMaint POP3 email](#)

[Delphi Developers](#)

[Links to Other General Sites](#)

[Links to Other Telecom Sites](#)

# CodeLOOK

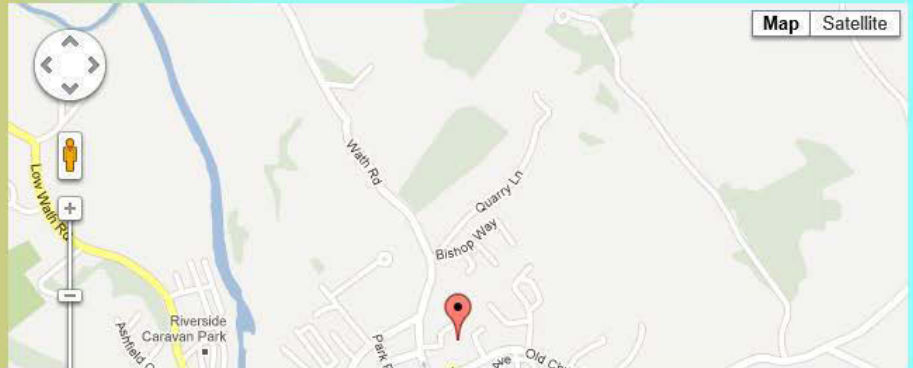
## Magenta Dialling Code Lookup

CodeLook has two main functions, looking up partial UK telephone numbers to find the locality and call costs, and looking up locality names and post codes to find the code. For localities and post code, broadband ADSL and fibre availability information is provided. The CodeLook database is updated every one or two weeks.

**Partial Telephone Number to Lookup:**  **Own Telephone Code (optional):**

**Locality or Post Code to Lookup:**  **Call Costing Package:** **BT Unlimited Weekend Plan**

Locality:	Pateley Bridge, Harrogate, North Yorkshire			<a href="#">All Post Codes</a>	<a href="#">All Fibre Cabinets</a>
District:	Harrogate	County:	North Yorkshire		
Country:	England	Post Code:	HG3		
20CN IPStream:	ADSL	Fibre:	FTTC Available		
21CN WBC:	ADSL+	Exchange Code:	MYPBG		
BT Exchange:	Pateley Bridge				



# Other Phone Number Search Sources

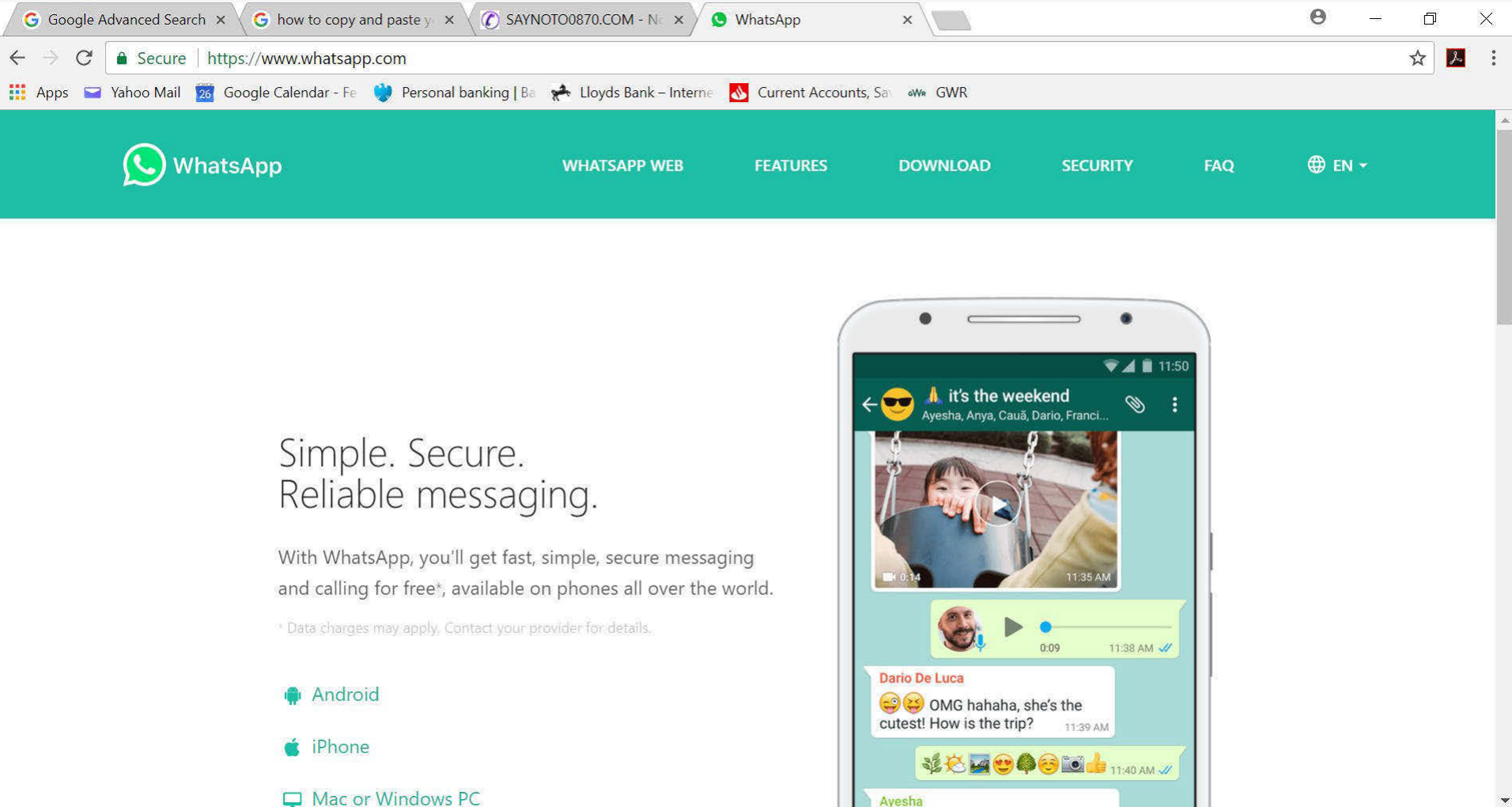
The image shows a browser window with several tabs open: "Google Advanced Search", "how to copy and paste y", "Ofcom | Numbering Dov", and "Phone Number Search". The active tab is "Phone Number Search" and the address bar shows "Secure | https://www.truecaller.com".

The Truecaller website has a blue header with the "truecaller" logo on the left. On the right, there is a yellow button that says "GET THE APP" with a download icon, and a "SIGN IN" link.

The main content area has a blue background. At the top, it says "Look up any phone number" in large white text, followed by "Trusted by 250 million users" in smaller white text. Below this is a white search bar with a dropdown menu showing "GB +44" and a search icon. The search bar contains the text "Search number...".

Below the search bar, it says "Top reported spam number in your area right now:" followed by the number "0843 980 0142" in bold. At the bottom of the page, there is a dark grey footer with a cookie notice: "This website uses cookies to improve service and provide tailored content and ads. By using this site, you agree to this use. See our [Cookie policy](#)".

# Other Phone Number Search Sources






The image shows a browser window with the WhatsApp website. The browser tabs include "Google Advanced Search", "how to copy and paste y...", "SAYNOTO0870.COM - Ne...", and "WhatsApp". The address bar shows "Secure | https://www.whatsapp.com". The website header is green with the WhatsApp logo and navigation links: "WHATSAPP WEB", "FEATURES", "DOWNLOAD", "SECURITY", "FAQ", and "EN".

Simple. Secure.  
Reliable messaging.

With WhatsApp, you'll get fast, simple, secure messaging and calling for free\*, available on phones all over the world.

\* Data charges may apply. Contact your provider for details.

-  Android
-  iPhone
-  Mac or Windows PC

The smartphone screen displays a chat conversation with a contact named "it's the weekend". The chat history includes a video message (0:14, 11:35 AM), a voice message (0:09, 11:38 AM), and a text message from "Dario De Luca" (11:39 AM) that says "OMG hahaha, she's the cutest! How is the trip?". The current message from "Ayesha" is partially visible at the bottom.

# Other Phone Number Search Sources

The screenshot shows a web browser window with the address bar displaying <https://www.thephonebook.bt.com/person/>. The page features the BT logo in the top left and "The Phone Book" in the top right. A purple navigation bar contains links for "Dialing Codes", "Advertise with us", and "Help & Support". Below this, two buttons are visible: "Find a Business" and "Find a Person", with the latter being highlighted. The main content area has a background image of two men smiling. Overlaid on this image is the text "Find a person by surname". Below the text is a search form with two input fields: the first contains "E.g. 'Smith'", the second contains "E.g. 'Southampton' or 'S015'", and a "Search" button. At the bottom, a cookie notice states "This website uses cookies to ensure you get the best experience on our website. [More info](#)" and a "Got it!" button.

stevemorris3427@yahoo.com x BT Find a Person | The Phone Book x

Secure | <https://www.thephonebook.bt.com/person/>

Apps Yahoo Mail 26 Google Calendar - Fe Personal banking | Ba Lloyds Bank - Interne Current Accounts, Sav GWR

BT The Phone Book

Dialing Codes Advertise with us Help & Support

Find a Business Find a Person

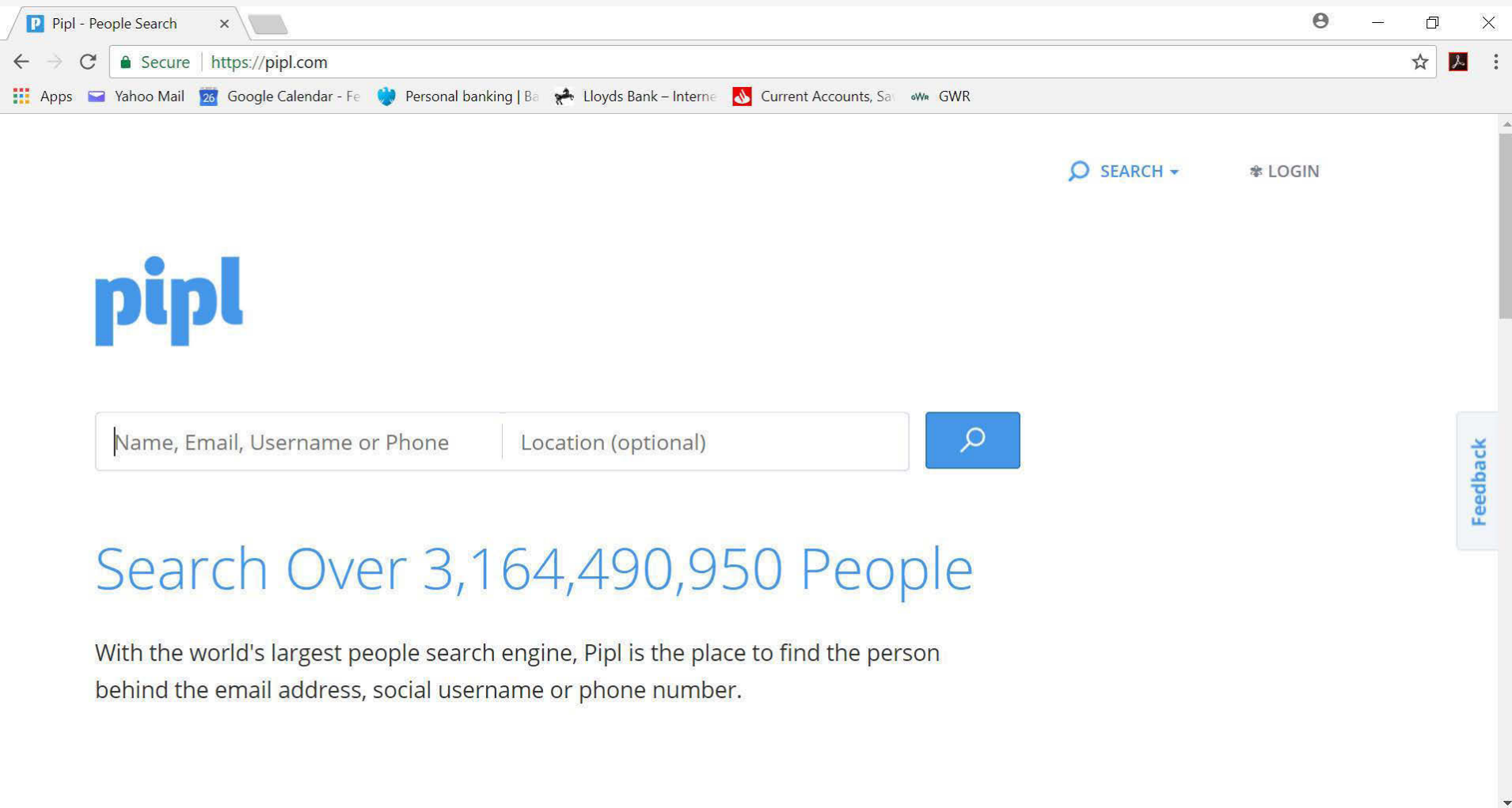
Find a person by surname

E.g. 'Smith' in E.g. 'Southampton' or 'S015' Search

This website uses cookies to ensure you get the best experience on our website. [More info](#) Got it!



# Other Phone Number Search Sources



The image shows a browser window with the Pipl website. The browser's address bar shows the URL <https://pipl.com>. The page features a search bar with the text "Name, Email, Username or Phone" and "Location (optional)". A blue search button with a magnifying glass icon is to the right of the search bar. The Pipl logo is displayed in blue. In the top right corner, there are links for "SEARCH" and "LOGIN". A vertical "Feedback" button is located on the right side of the page. Below the search bar, the text "Search Over 3,164,490,950 People" is displayed in blue. At the bottom, a paragraph states: "With the world's largest people search engine, Pipl is the place to find the person behind the email address, social username or phone number."

Pipl - People Search

Secure | <https://pipl.com>

Apps | Yahoo Mail | Google Calendar - Fe | Personal banking | Ba | Lloyds Bank - Interne | Current Accounts, Sa | GWR

SEARCH | LOGIN

pipl

Name, Email, Username or Phone | Location (optional)

Feedback

Search Over 3,164,490,950 People

With the world's largest people search engine, Pipl is the place to find the person behind the email address, social username or phone number.

# Intelligence or Evidence?

- ▶ Is our product evidence?
- ▶ Or is it intelligence that provides a link to evidence?
- ▶ How can we prevent others identifying the intelligence and methods of investigation?
- ▶ Sensitive method of investigation
- ▶ CPIA

# Search engines

---

## Introduction

Search engines are real-time directories of information (metadata) that has been cached from the internet by software. The software consists of 'robots' or 'spiders', that crawl across websites and documents that do not prevent their access. They cache (capture), and store these webpages.

The web page content is 'valued', using a number of analytical tools and values, and also algorithms set to the values required by that particular search engine.

Some search engines focus on particular parts of the internet.

Because of the individually programmed analytical tools and algorithms, different search engines might research the same places on the internet, but return results in a very different order. – there have been allegations of 'fixing' the results, and in some instances these have been found to be true. Given the marketing power of search engines and the ability to route users through particular areas of the internet, the opportunity for financial gains are enormous, and therefore the likelihood that it is "fixed" is high in relation to some topics to be researched.

A competent website designer will be able to increase meta data, links and associations, raising the profile of the site and it's position in the 'hits' returned in response to a search. One more point of interest is that an uncontrolled search of a common word or series of words will return results on Google listed in the millions. Although there are many results, this figure is broadly based on how many times the site has been 'crawled' and cached by the spiders and kept a cache.

So let's do the maths! If the name Adele appeared on just one webpage in ten places, and the 'spiders' crawled the webpage just once per day for, and that one webpage existed since the year 2000, we have the following calculation -

$10(\text{words on webpage}) \times 365(\text{days per year}) \times 16(\text{number of years to end of year 2016}) = 58,400$

A search for the word 'Adele' on 9th March 2017 returned '179,000,000' results, but it is now easy to see how many repeated visits to the same webpage over a period of time

can easily produce vast numbers of 'results'. Many pages with many references to Adele, and not just the singer Adele will produce many hits in a very short period of time  
So – there aren't 179,000,000 webpages found, but 179,000,000 caches or captures of the word – albeit it might be many of the same!

## **Harnessing the power of a search engine**

As a researcher of the internet it is not important to know how a search engine works, although it might assist when interpreting results provided, but it is important to understand how to use the search engine effectively. Search engine technology in various forms is used by most search facilities on the internet, including social media, commercial sites, government and other sites. Even the administrator of a relatively small website can install a Google 'widget' to enable searching of the site. Therefore the random use of search engine tools might focus your search on that site.

### **Searching**

To facilitate this training session Google will be used, but there are many other search engines that you should consider. Remember, Google is a large commercial search engine with vast software reaching across the internet on a very regular basis, which will inevitably return vast results. Some other more obscure search engines will only search particular parts of the internet, with relatively less powerful search facilities, not very efficiently and not regularly visiting the same webpages, but useful because they focus results in less 'noise' (noise is a term used for all the information that might bury that which you are searching for).

### **A few basics**

When searching, think about the terms and words likely to be used by the entities or their associates, and use these rather than using only your own official or organisational terminology

Often persons trying to remain relatively anonymous or untraceable will not be found through their correct name or details. However if you find an address or other related data, remove the name or details you are researching, or search using this other criteria. It might reveal other related businesses or persons, or even your subject using a different

identity, and research of these other entities might reveal the information that you are seeking about your subject.

Simple example – Search of *Stephen Morris Post Code B32 4DJ* might not reveal anything about Stephen Morris, but just a search of *B32 4DJ* might reveal other persons and details of businesses at that location. Research of these persons or businesses might reveal links to your subject, and go on to reveal information about that person that you are seeking.

The Google search you are likely to use in the UK will be defaulted to Google.com or Google.co.uk. Because of where you are, Google will return results it assumes you are interested in (UK, European and American), you don't see much for Peru, or Iceland, or maybe Japan – but these regions or countries have the internet! So when researching a particular topic, consider the country or region and in the Google search box type Google with the suffix for that country. Up will come Google Fr. Google.fr is the French version of Google. Searching for a French person or place on this search engine will return results for the person or place in France rather than buildings or places in the UK named after that entity in France.

Spelling - Google's spell checker automatically uses the most common spelling of a given word, whether or not you spell it correctly. It will provide you with results using its own spelling but provide you with the opportunity to see results for your spelling. Check which you want and use that option. Upper and lower case letters are the same in Google. A search for Heinz Baked Beans is the same as a search for heinz baked beans

### **Beware of caches!**

Earlier we said that the results returned by Google are the cache results. During the training you will see how to identify the time and date and reveal that cached page. Provided everything goes well (you have a good, consistent internet connection, the web page still exists, and no data packets are misplaced in transfer), a click on that link will *most probably* take you to that page. However, any number connection of problems might result in you visiting the cache, which might be several days old. Clearly this is not necessarily how the webpage looks real time. So best practice is that if you identify something you intend to use as evidence about the page as it is now, view the website details in the URL box on your web browser, and go directly to this link via the URL,

missing out the search engine. This will mean that you can be sure the webpage you are viewing is 'real time', and then you should capture the information/evidence.

### **Advanced search and search operators.**

In common with other search engines, Google has advanced search facilities, operators, and tools. Understanding these capabilities, and using variations on words, and phrases together with adjustments to the operators and tools will reduce the number of worthless results, and focus the search effectively. There is no science to this, but practice will improve your skills.

In common with many search engines, Google constantly changes it's appearance and interface. If you have difficulty finding the features detailed below, use the Google 'help' search and type in the facility you are looking for.

At the time of producing this tutorial, the search facilities can be found as follows.

Type in the initial Google search box broadly what you are looking for. This will provide a view which consists of results, a further search box, below which are the opportunities to search videos, shopping, images. Also a tab named 'tools' – clicking on this tab will reveal further operators to focus the search such as country or specific dates or ranges of dates. Also, in the top right hand corner will be a 'cog' Clicking on this cog opens a dialogue box and one of the facilities listed here is 'advanced search'. Click on advanced search and this reveals many search operators to fine tune your search.

Many of these search tools can be used by the experienced researcher just within the basic Google search box using a variety of symbols and punctuations.

There now follows a list of the various search facilities. Remember, adjusting them in isolation is not what is required, but tweaking and adjusting them as you get particular results is the way to success.

## Search engine tools and operators

Symbol	How to use it
“	Putting a phrase or series of numbers such as a phone number in speech marks will return results for that specific word or phrase “0121 423 5983” will return all of the exact matches for that exact number rather than all of the 0121 numbers, or obscure part numbers or delivery codes which contain that set of numbers
-	When you put a minus sign in front of a word it removes results with that word in it them. So if you were looking for Steve Davis, but not the snooker player, using <i>steve davis –snooker</i> in the search box removes the results that include the word snooker. Multiple words phrases and operators can be used in conjunction with each other.
*	Use an asterisk as a wildcard for a term or word you are unsure of. Example: "a * saved is a * earned"
@	Find social tags Example: @searcher
OR	Find pages that might use one of several words. Example: <b>waste OR rubbish OR removal OR clearance</b>
#	Find popular hashtags for trending topics Example: #brexit
site:	Search and get results from certain sites or domains. Examples: <b>Gov.uk or Ebay.co.uk</b>
related:	Find websites and blogs (and sometimes social media posts) that are similar to a web address you are interested in. Example: <b>related:Travelodge.co.uk</b>
linked:	Find websites and blogs (and sometimes social media posts) Google has identified as linked in some way to a web address you are interested in Example: <b>linked: thesurveillancegroup.com</b>
info:	Get information about a web address, including the cached version of the page, similar pages, and pages that link to the site.

	Example: <b>info:google.com</b>
<b>cache:</b>	See what a page looks like the last time Google visited the site. Example: <b>cache:bbc.co.uk</b>

When you search using operators or punctuation marks, don't add any spaces between the operator and your search terms.

Remember – the key to success is to adjust your various search criteria to focus upon what you are searching for. If you discover obscure or uncommon terminology for the entity you are searching, try using this with one or two other unique terms you have. And use more than one search engine



# **Social Networking Sites**

# Facebook

Fraud teams use Facebook: x

www.chroniclelive.co.uk/news/north-east-news/fraud-teams-use-facebook-catch-1451592

Apps For quick access, place your bookmarks here on the bookmarks bar. Import bookmarks now... Other bookmarks

**ChronicleLive** NEWS ▾ WHAT'S ON ▾ BUSINESS ▾ NEWCASTLE UNITED SUNDERLAND AFC MORE ▾ SIGN IN

## Fraud teams use Facebook to catch benefit cheats

BENEFITS bosses are using Facebook to catch fraudsters. Investigators are scouring the profile pages of people getting housing and council tax benefits to check they are telling the truth about their family situations.

**112** SHARES

BY EVENING CHRONICLE  
12:14, 24 MAR 2009 | **UPDATED** 12:24, 27 FEB 2013

**NEWS**

**112** SHARES

Get **Daily** updates directly to your **inbox**

Enter your email

**+ Subscribe**

BENEFITS bosses are using Facebook to catch fraudsters. Investigators are scouring the profile pages of people getting housing and council tax benefits to check they are telling the truth about their family situations.

Officers can check whether those claiming to be single or living alone to get handouts are, in fact, married or sharing a household with other adults.

**WonderBill**

All your bills in one place

£132.81 THIS MONTH

sky O<sub>2</sub> EDF SSE

RECOMMENDED

22:28 02/04/2017

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- Investigations
- Obits
- Education
- Science
- Earth
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- Scotland



HOME > NEWS > UK NEWS > LAW AND ORDER

# Council worker took part in gruelling bike race while taking long term sick leave

A council worker took part in a gruelling 66-mile endurance bike race while taking long-term sick leave with a chest infection, a tribunal has heard.

The Telegraph 11 Like Page 4M likes

- 0
- 0
- 0
- Email



Sponsored

**It's all happening in New South Wales**

There is so much to do in Sydney - and you'll not want to miss a thing

[Read more](#)

By Kick Britten  
7:00AM GMT 04 Mar 2009

Andrew Hamlyn, 54, took 92 days off claiming he was stressed, had a viral infection and was unable to work.

[Print this article](#)

**Law and Order**  
ews • UK ews »





Stephen Morris

Add Friend Message

Timeline About Friends Photos More

DO YOU KNOW STEPHEN?

To see what he shares with friends, send him a friend request.

Add Friend

Intro

SEO Manager at TSB



Stephen Morris added a temporary profile picture. June 19, 2016



Chat

# Search Google images with image from Facebook – find flickr account

Search: stephen morris | X

Secure | <https://www.flickr.com/search/people/?username=stephen%20morris>











Apps For quick access, place your bookmarks here on the bookmarks bar. Import bookmarks now... | Other bookmarks

flickr Explore Create

stephen morris Log In Sign Up

Photos People Groups

Flickr members

 <b>Stephen Morris</b> PRO stephen w morris 1.1k photos 187 followers Joined May 2009	 <b>Owd John Barleycorn</b> Owd John Barleycorn 289 photos 211 followers Joined May 2014
 <b>Stephen Morris</b> PRO SDJM 2.2k photos 3 followers Joined Mar 2006	 <b>Stephen Wall Morris</b> PRO stevebabyface 271 photos 88 followers Joined Mar 2009
 <b>Stephen Morris</b> PRO stephenmorris 490 photos 13 followers Joined Nov 2009	 <b>Stephen Morris</b> PRO Stepmor 389 photos 13 followers Joined Mar 2005
 <b>stephen morris</b> stevewales2 86 photos 29 followers Joined Jul 2013	 <b>lordy lichfield</b> lordy lichfield 213 photos 12 followers Joined Apr 2008
 <b>Stephen Morris</b> PRO stephenmorris 1.1k photos 187 followers Joined May 2009	 <b>Stephen Morris</b> PRO stephenmorris 1.1k photos 187 followers Joined May 2009

Feedback

22:36 02/04/2017



# Images on flickr contain Exif data – location date time device etc.

The screenshot shows a web browser displaying a Flickr album page for Stephen Morris. The browser's address bar shows the URL <https://www.flickr.com/photos/sfmorris/albums>. The Flickr navigation bar includes the 'flickr' logo, 'Explore', 'Create', a search bar with the text 'Photos, people, or groups', and 'Log In' and 'Sign Up' buttons. Below the navigation bar, there are tabs for 'Photostream', 'Albums', 'Favorites', and 'Groups'. The main content area displays a grid of photo album thumbnails, each with a title and view count:

- Cricket at Nanny's**: 1 photo • 6 views
- Valencia**: 127 photos • 141 views
- The Brown-Morris wedding**: 12 photos • 49 views
- Williams F1 at RBS Insurance**: 5 photos
- Sporting Clube de Portugal**: 56 photos • 10 views
- Barca: mes que un club**: 58 photos
- A brief stroll around Cardiff**: 5 photos • 5 views
- Dover Castle**: 20 photos • 5 views

The Windows taskbar at the bottom shows the system tray with the time 22:35 and date 02/04/2017, along with icons for various applications and system utilities.

# SNS Specific Search Sites

<https://pipl.com/>

[http:// www.yasni.co.uk](http://www.yasni.co.uk) (or com)

<https://www.yandex.com/>

<https://www.facebook.com/help/community/question/>

<https://www.facebook.com/help/>

<https://twitter.com/search-advanced?lang=en-gb>

<https://www.linkedin.com/help/linkedin/answer/302>

<https://inteltechniques.com/menu.html>

<http://osintframework.com/>

<https://namechk.com/>

<http://www.192.com>

<https://sometag.org/> <https://pikdo.net/?hl=en>

<http://www.dogpile.co.uk/>



Name, Email, Username or Phone | Location (optional) [SEARCH]

# Search Over 3,143,626,422 People

With the world's largest people search engine, Pipl is the place to find the person behind the email address, social username or phone number.

Feedback





Stephen Morris | Location (optional) [Search]

# Search Over 3,193,015,807 People

With the world's largest people search engine, Pipl is the place to find the person behind the email address, social username or phone number.

Feedback



Stephen Morris | Location (optional)



LOGIN

Search By

First Stephen

Last Morris

+ MORE OPTIONS



- All Locations
- United States
- California
- Florida
- Texas

Results for **Stephen Morris**



**Stephen Morris**

45 years old from State of New South Wales and State of Victoria  
VP Business Development at Captis Intelligence, Inc  
Associated with Andrew Verster Cohen, Lindi Giger Rudnicki and 3 more people



**Stephen Morris**

Henderson & Jackson, Tennessee  
Chairman at Chester County (TN) Election Commission  
Associated with Roy Gene Sharp, Zachary Tex Alexander, Kirk Sawyer and 2 more people



**Stephen R Morris**

Oklahoma and Texas  
CRNA at McAlester Regional Health Center  
Associated with Christine Zethraus, Vanessa Hoelscher, Saprina Bailey and 2 more people

Feedback



Stephen Morris | United Kingdom



LOGIN

Last Morris

+ MORE OPTIONS



- All Locations
- United Kingdom
- England
- London
- London
- Birmingham
- Nottingham
- Liverpool



Oxford & London, England  
EHS Manager (Rail) freelance at telent Technology Services Ltd  
Also known as Steve **Morris** and Steve Gradiosh



**Stephen Morris**  
Bolton & Bury, England  
Director at Campaign for an English Parliament  
Associated with Martin Butler and Geoffrey Warburton



**Stephen Morris**  
Cardiff & Llanwrtyd Wells, Wales  
Airsides Support Manager, LGW South Terminal at Menzies Aviation  
Associated with Andrew Spry



**Stephen Morris**  
Canpoek, England and 1 more place

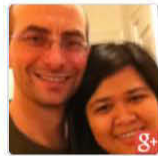
Feedback



### Stephen B Morris

London & Borehamwood, England

Retired at Retired  
Westminster City



### Stephen Morris

London & Ashford, England

Project Manager at Font Energy Construction Services  
Bachelor of Engineering (BEng), Building services Engineering, 2:2 from Loughborough University



### Stephen Morris

London & London Borough Of Bromley, England

Head of Search at Make Me Local  
Associated with Nicole Heyermann, Billy R, Darren R and Andrew S



### Stephen Morris

London & Newcastle Upon Tyne, England

UX Designer at Ticketmaster  
Profession Education, Human Computer Interaction from The Interaction Design Foundation

Feedback



Name, Email, Username or Phc | Location (optional)



STEVE

Results For

- Stephen Morris
- London, England
- London Borough Of Bromley, England
- Head of SEO at OKA
- Billy R
- Darren R
- Andrew S



# Stephen Morris

Male  
From **London & London Borough Of Bromley, England**

CAREER: Head of SEO at OKA (since 2018)

USERNAMES: sfmorris , stephenfmorris

PLACES: London, England (Work)  
London Borough Of Bromley, England

Feedback





**Stephen Morris, London, England, London Borough Of Bromley, England**  
linkedin.com/in/sfmorris  
Professional Profile & Networking - LinkedIn



**Stephen M, London Borough Of Bromley, England, sfmorris, Billy R ...**  
foursquare.com/sfmorris  
Member Profile - Foursquare



**Stephen Morris, London Borough Of Bromley, England, sfmorris**  
twitter.com/sfmorris  
Micro Blog - Twitter



**Stephen Morris, London Borough Of Bromley, England ...**  
pinterest.com/stephenfmorris/  
Virtual Pinboard - Pinterest



**Stephen Morris, stephenfmorris**  
facebook.com/people/\_/517849475  
Personal Web Profile - Facebook

Feedback



facebook.com/people/\_/517849475  
Personal Web Profile - Facebook



sfmorris  
en.gravatar.com/16049627  
Globally Recognized Avatars - Gravatar



Stephen Morris, United Kingdom, stephenfmorris  
youtube.com/user/stephenfmorris  
Personal Profile - YouTube



Stephen Morris, stephenfmorris  
flickr.com/people/sfmorris/  
Online Photo Album - Flickr



Stephen Morris, Nicole Heyermann  
plus.google.com/114878281693695846824/about  
Personal Profile - Google Profiles

SHOW 2 SIMILAR RESULTS

Feedback



"sfmorris"

All Maps Videos Images Shopping More Settings Tools

About 6,200 results (0.44 seconds)

### Stephen Morris (@sfmorris) | Twitter

<https://twitter.com/sfmorris?lang=en>

The latest Tweets from Stephen Morris (@sfmorris). SEO chap at @OKADirect, Daddy at home. ECFC fan, Bromley resident. Android user, Volvo driver. Partial to ...

### Stephen Morris (@sfmorris) • Instagram photos and videos

<https://www.instagram.com/sfmorris/>

242 Followers, 325 Following, 298 Posts - See Instagram photos and videos from Stephen Morris (@sfmorris)

### sfmorris (Sam Morris) · GitHub

<https://github.com/sfmorris>

sfmorris has 2 repositories available. Follow their code on GitHub.

### sfmorris's Music Profile | Last.fm

<https://www.last.fm/user/sfmorris>

Listen to music from sfmorris's library (23883 tracks played). sfmorris's top artist: Taylor Swift. Get your own music profile at Last.fm, the world's largest social ...





"stephenmorris" [Microphone icon] [Search icon]



All Maps Videos Images Shopping More Settings Tools

About 129 results (0.48 seconds)

Did you mean: "stephen morris"

### Stephen Morris | Flickr

<https://www.flickr.com/photos/sfmorris/>

Stephen Morris. Follow. Give Pro. **stephenmorris**. 14 Followers•45 Following. 490 Photos. Joined 2009. About · Photostream · Albums · Faves · Galleries ...

### Stephen Morris (stephenmorris) on Pinterest

<https://www.pinterest.co.uk/stephenmorris/>

Stephen Morris | SEO at TSB. Daddy, London Grecian, real ale drinker, CD collector, Android user. Views expressed are own.

### Images for "stephenmorris"



# Username

Facebook	YouTube	Twitter	Instagram	Blogger	Reddit	Ebay	Wordpress	Pinterest	Yelp	Slack	Github
----------	---------	---------	-----------	---------	--------	------	-----------	-----------	------	-------	--------

Want to claim these usernames? [Register Now!](#)

Basecamp	Tumblr	Flickr	Pandora	ProductHunt	Steam	MySpace	Foursquare	OkCupid	Vimeo	Etsy	SoundCloud
BitBucket	CashMe	DailyMotion	About.me	Disqus	Medium	Behance	Photobucket	Coderwall	Fanpop	deviantART	Good Reads
Instructables	Keybase	Kongregate	LiveJournal	Mix	AngelList	last.fm	Slideshare	Tripit	Fotolog	PayPal	Dribbble

flickr

Explore Create

Photos, people, or groups

Log In

Sign Up



Stephen Morris

+ Follow



stephenf Morris 14 Followers • 45 Following

490 Photos Joined 2009

About Photostream Albums Faves Galleries Groups

Joined	November 2009	Website	<a href="http://www.mindspikes.com/">http://www.mindspikes.com/</a>	
23.2K views	76 tags	75 geotags	3 faves	3 groups

Most popular photos

Most faved ▾



6 Free Results for Stephen Morris or S Morris in Bromley

Name	Address	Telephone	
1 <a href="#">S Morris</a>	✓, Sandstone Road, Lee, London, SE12 ✓	✓	<a href="#">View</a>
2 <a href="#">S Morris</a>	✓, Copers Cope Road, Beckenham, Kent, BR3 ✓	✓	<a href="#">View</a>
3 <a href="#">S Morris</a>	✓, Adamsrill Rd, Se26, Sydenham, London, SE26 ✓	✓	<a href="#">View</a>
4 <a href="#">S Morris</a>	✓, Meadowcroft Mews, George Lane, Catford, London, SE6 ✓	✓	<a href="#">View</a>

53 Premium Results: Includes people not listed in the phonebook and gives much more information on every listing

Name	Address	Other Occupants	Electoral Roll	Director Info	Length of Occupancy	Neighbours	Property Price	
1 <a href="#">Stephen Frederick Morris</a> Age Guide: 35-39	✓ Bromley, Kent Full Address		2007-08	✓	✓	✓	✓	<a href="#">View</a>
2 <a href="#">Stephen L Morris</a>	✓ Bromley, Kent Full Address	Michelle C Morris	2002		✓	✓	✓	<a href="#">View</a>

Found: 137 Birth Records, 568 Marriage Records, 58 Deceased Records [View Family Records](#)



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 APEX HAYMARKET HOTEL  
 BOOK NOW



# Yasni

**yasni**<sup>®</sup> PEOPLE SEARCH UK



I am looking for people that match...

Marketing, Distribution, Legal advice



I offer... I can... I am...

Finance services, Consulting, Craftsman



What does the net know about...

stephen morris

People People Search Name Forename

**Most clicked terms:**

Guardian Intel Ireland JPMorgan Shutdown  
WH Smith World Cup

**Successful providers:**

 **Henner Gramsch** @ freischaffend, Kep  
"Not too old for Rock'n Roll...."

- ▶ Show my Exposé here!
- ▶ Important people / Exposé

**Most clicked names:**

**Abdullah Ibrahim** Angel Turner Antonio Lanni  
Birgit Geyer Brent Burke Jenny Shaw Karen Peters  
Paul Howard Rory Gleeson Rosie Rees

Important people: Today - Overview / Names: Today - Overview / People searches: Today - Overview  
People by keywords: ABCDEFGHIJKLMNOPQRSTUVWXYZ

Legal Terms Privacy

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# Yasni

Stephen Morris - Free Pe x

www.yasni.co.uk/stephen+morris/check+people?sh

Apps For quick access, place your bookmarks here on the bookmarks bar. Import bookmarks now... Other bookmarks

yasni® People Search UK Help Products + Post Exposé Yasni Login f Login GB

Stephen Morris UK Search people

**Stephen Morris** People Check UK (I'm Stephen Morris) 1115 results Monitoring

There are new results available for the name. Click here to show them >

[Miami](#) [Cambridge](#) [London](#) [Newtownabbey](#) [Aberdeenshire](#) [Birkenhead](#) [Bury](#) [Caerphilly](#) [Crewe](#) [Greenford](#)

[Music](#) [Consultant](#) [Joy Division](#) [Bernard Sumner](#) [Peter Hook](#) [Gillian Gilbert](#) [Factory Authority](#) [Miami Hurricanes](#) [New Order's](#)

**SEARCH DEATH RECORDS**

1) Simply enter their name. 2) Find their death record online.

**Images of Stephen Morris** (1 - 9 from 86 - show all)

View **Stephen Morris's** Hidden Profiles?  
See Hidden Pictures on MySpace, Facebook and 40+ Networks >>

**Unique persons**

**VIP 195** Stephen Morris, Poet/Artist @ Aspiran, Herault.

Missing person ad from Stephen Morris: roller skating

**Telephone & Addresses**

**Search Death Records**

1) Simply enter their name. 2) Find their death record online.

ancestry.co.uk

12:27 29/03/2017

# Yasni

Stephen Morris - Network

www.yasni.co.uk/stephen+morris/check+people/profile

Performance Tracking

(31 - 60 from 160)

- [LinkedIn: Stephen Morris](#)  
Stephen Morris's full profile. ... See who you and Stephen Morris know in common; Get introduced to Stephen Morris; Contact Stephen ...
- [LinkedIn: STEPHEN MORRIS](#)  
Financial Services, London, United Kingdom
- [LinkedIn: Stephen Morris | LinkedIn](#)  
View Stephen Morris's (United Kingdom) professional profile on LinkedIn. LinkedIn is the world's largest business network, helping professionals like Stephen ...
- [MySpace Profile: Stephen Morris \(269768118\)](#)
- [Twitter Profile: Stephen Morris \(stephen81456701\)](#)  
Location: Canberra / My favourite sport is cricket.
- [ICQ User Stephen Morris \(Steve\)](#)  
18537299
- [Badoo: Stephen Morris](#)  
Age: 49, Stevenage, United Kingdom
- [Facebook: Stephen Morris](#)
- [Facebook: Stephen Morris](#)
- [Facebook: Stephen Morris](#)
- [MySpace Profile: Stephen morris \(funkeemunkee86\)](#)
- [Twitter Profile: Stephen Morris \(stephenmorris91\)](#)  
Location: Melbourne / Stevo is the name
- [ICQ User Stephen Morris \(Steve\)](#)  
421551995, Male
- [Facebook: Stephen Morris](#)

1) Simply enter their name. 2) Find their death record online.

ancestry.co.uk

# Facebook



facebook



Cerys Poppy



Home

Find Friends

Brian

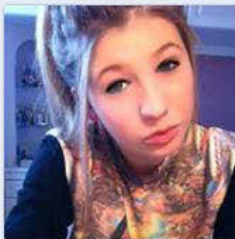


All Results People Pages Groups Apps Events



Cerys Poppy

Add Friend



Cerys Sloman

Works at McDonald's

Studied at Axe Valley Community College

Lives in Seaton, Somerset, United Kingdom

Engaged to Liam Best

Listens to Jessie J, Snoop Dogg and Taylor Swift

Add Friend

Message



Cerys Poppy

Add Friend

Try a new way to search



Cerys Poppy's friends



Photos of Cerys Poppy



Photos by Cerys Poppy



Photos liked by Cerys Poppy

Chat



# Facebook



facebook



Cerys Poppy



Home

Find Friends

Brian



Cerys Poppy

+1 Add Friend



Timeline

About

Photos

Friends

More

Do you know Cerys?

To see what she shares with friends, send her a friend request.

+1 Add Friend

Photos · 1,080



Cerys Poppy changed her cover photo.

December 14, 2013



Share

£20,000. Click Here NOW!

WOMEN on Facebook



Find Your Next Hot Date on Zoosk. Chat, Browse Pictures, Meet Single Women Today For Free!

Recent

2013

Born

Chat

# Facebook – Cerys Poppy friends - private



facebook



Cerys Poppy



Home

Find Friends

Brian



Do you know Cerys?

To see what she shares with friends, send her a friend request.

+1 Add Friend



Friends

No activity to show

Sponsored

See All

### Industrial Deafness Claim

accidentclaimcentre.co.uk



Have you worked in a noisy workplace since 1963? Claim up to £20,000. Click Here NOW!

### WOMEN on Facebook



Looking For A Date? Our Singles Cant Wait.

### Equity Release Calculator

agepartnership.co.uk



Release cash from your home to boost retirement income. Calculate now.

### 28 January-1 February

rdkr-wolverhampton.localspecif...



Free Rich Dad® Workshop by author Robert Kiyosaki: Wolverhampton, Coventry, Birmingham

Chat

# Facebook – search commands - Graphsearch

The screenshot shows a Google search for 'facebook' leading to the Facebook search interface. The search bar contains 'Photos liked by Cerys Poppy'. A dropdown menu displays eight search suggestions, each with an icon and a description. To the right, a 'No Results' box is visible, along with an 'EDIT SEARCH' section that includes a 'Photos of' dropdown menu currently set to 'Cerys Poppy's friends'. At the bottom of the page, there are navigation links and a footer with copyright information.

facebook

Photos liked by Cerys Poppy

- Photos liked by **Cerys Poppy** - Person
- Photos liked by friends of **Cerys Poppy** - Person
- Photos taken nearby liked by **Cerys Poppy** - Person
- Photos that my friends liked by **Cerys Poppy** - Person
- Photos that people liked by **Cerys Poppy** - Person
- My friends in photos liked by **Cerys Poppy** - Person
- Photos liked by **Cerys Poppy** my friends posted - Person
- My friends who uploaded photos liked by **Cerys Poppy** - Person

See more results for "Photos liked by Cerys Poppy"

No Results

EDIT SEARCH

Photos of Cerys Poppy's friends

Give Feedback

About Create Ad Create Page Developers Careers Privacy Cookies Terms Help

Facebook © 2014 · English (US)

Chat

# Facebook – photos liked by Cerys Poppy



facebook



Photos liked by Cerys Poppy



Home

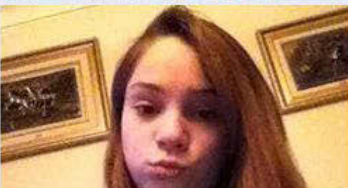
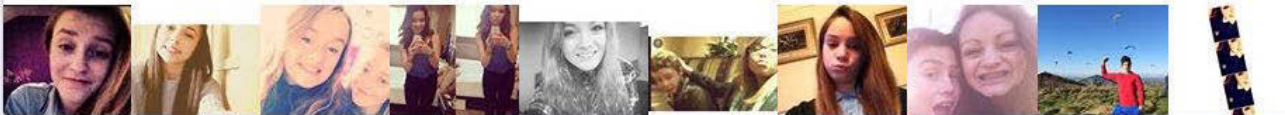
Find Friends

Brian



## Recent

Recent photos liked by Cerys Poppy



Chat

# Facebook – profile that uploaded these photos – Friends!!

The screenshot shows a Facebook search results page. At the top, there is a search bar with the text "People who uploaded photos liked by Cerys Poppy". Below the search bar, there are four profile cards for friends of Cerys Poppy who have uploaded photos liked by her. Each card includes a profile picture, the person's name, their bio, and a list of interests or activities. To the right of the profile cards, there is a sidebar with a search filter section titled "REFINE THIS SEARCH" and a "Chat" button at the bottom right.

facebook

People who uploaded photos liked by Cerys Poppy

Home Find Friends Brian

**Amelia Rose Cammiss (Mealsonwheels)**  
hastings high school burbage  
Uploaded photos liked by Cerys Poppy  
Message

**Mollie Little**  
Works at Tumblr  
Uploaded photos liked by Cerys Poppy  
Studied at Shetchley Hill Primary School  
Listens to Justin Bieber and Shakira  
Married to Yorik Davison  
Add Friend Message

**Louise Caney**  
Uploaded photos liked by Cerys Poppy

**Charlie Neville**  
Uploaded photos liked by Cerys Poppy

**Cerys Poppy**  
Add Friend

More Than 100 People Share

REFINE THIS SEARCH

Gender Add...  
Relationship Add...  
Employer Add...  
Current City Add...  
Hometown Add...  
School Add...  
Friendship Add...  
Name Add...  
Created Photos liked by Cerys...

SEE MORE

EXTEND THIS SEARCH

Chat



# Facebook Searching - Graphsearch

Facebook uses pages and some regular search engine type search criteria as well as other algorithms and settings

Graphsearch

Home page – settings – language settings – language english us

# Facebook Searching

*Type all of exactly what you want to search*

*Look for hints as you type*

*Maybe go for final choice on list provided*

Photos of .....

Photos by .....

Photos liked by .....

Photos commented on by .....

Photos of ..... friends

Photos by ..... 's friends

Friends of etc. etc.

*Useful to be on an associated profile to ensure a link*



# Let's get more personal!

*Find information set at private through profile settings*

*Be specific when searching for information relating to people – the Facebook search box finds all photos or all posts or groups for everyone named Stephen Morris*

*But what if we could find information precisely relating to our specific Stephen Morris, or a business.*

# Let's get more personal!

*If you have a Facebook profile, you can lock **your door** to the information you know exists*

*However, you can't lock other doors or corridors across Facebook. Your posts, comments, photos etc etc may be available through other routes*

*Also, whilst Facebook may (and it is a big may) apply the security you demand through the Facebook search box – there is another way in.*

*- The URL search bar of your web browser*

# This profile is completely locked down – no friends, photos etc to show

The screenshot shows a web browser window displaying a Facebook profile for Claire Nuttall. The browser's address bar shows the URL <https://www.facebook.com/claire.humphries.927>. The profile header features a cover photo of two women, the name "Claire Nuttall", and buttons for "Add Friend" and "Message". Below the header are navigation tabs for "Timeline", "About", "Friends", "Photos", and "More". A section titled "DO YOU KNOW CLAIRE?" contains the text "To see what she shares with friends, send her a friend request." and a green "Add Friend" button. The "Intro" section lists "Lives in Redditch" and "From Birmingham, United Kingdom", with an "Add Details" button. The "Photos" section is titled "Photos - Nothing to show". The Windows taskbar at the bottom shows the time as 12:31 on 29/03/2017.

# Find the Facebook Profile ID – right click on a blank area. Then click ‘View page source’

The image shows a web browser window displaying a Facebook profile for Claire Nuttall. The browser's address bar shows the URL `https://www.facebook.com/claire.humphries.927`. The profile page includes a profile picture of two women, the name "Claire Nuttall", and navigation tabs for "Timeline", "About", "Friends", "Photos", and "More". A context menu is open over a blank area of the page, listing options such as "Back", "Forward", "Reload", "Save as...", "Print...", "Cast...", "Translate to English", "View page source", and "Inspect". The "View page source" option is highlighted. The Windows taskbar at the bottom shows the system clock as 12:32 on 29/03/2017.





# https://www.facebook.com/search/565330419/photos-of Profiles – comments – places – husband (location and address)

The screenshot shows a web browser window displaying a Facebook search results page. The browser's address bar shows the URL: <https://www.facebook.com/search/565330419/photos-of>. The browser's taskbar at the bottom includes icons for various applications like Chrome, Firefox, and Word.

The Facebook interface features a search bar at the top with the text "Photos of Claire Nuttall". Below the search bar, the user's name "Linda" and navigation options "Home" and "Find Friends" are visible. The main content area displays a grid of photos related to the search. On the right side, there is a "Trending" section with several news items:

- Lance Armstrong**: Armstrong settles \$100M fraud suit with U.S. - [espn.com](#)
- Andrew McCabe**: Justice IG sends criminal referral of Andrew McCabe to US attorney - [msn.com](#)
- Elizabeth II**: Queen publicly backs Prince Charles to succeed her as head of... - [msn.com](#)
- Federal Aviation Administration**: FAA to order inspections of jet engines after Southwest blast - [reuters.com](#)
- Time 100**: Time Magazine ranks five Parkland students among its 100 Most... - [miamiherald.com](#)
- Michael Cohen**: Michael Cohen drops libel suits against BuzzFeed, Fusion GPS - [foxnews.com](#)
- Paul Manafort**: Judge questions Trump ex-campaign chief's bid to dismiss charges - [msn.com](#)
- Starbucks**: Black men arrested at Starbucks speak out - [thehill.com](#)
- Houston, United States**: 911 Operator Sentenced to Jail for Hanging Up on Callers - [nbcdfw.com](#)
- Transiting Exoplanet**: SpaceX Rocket Blast

The left sidebar contains navigation options such as "Linda Smith", "News Feed", "Messenger", "Marketplace", "Explore", "Events", "Pages", "Groups", "Friend Lists", "On This Day", "Pages Feed", "Photos", "Find Friends", "Games", "Suggest Edits", and "See More...". At the bottom, there is a "Create" section with options for "Ad", "Page", "Group", "Event", and "Fundraiser".

# **What about businesses – or even anything that is not a personal profile?**

*Using the URL browser we can search specific terms on Facebook and also use keywords to find what we are looking for*



# Lets research Alcumus – Type a search in the facebook search box

The screenshot shows a web browser window with the Facebook search results for 'Alcumus'. The browser's address bar shows the URL <https://www.facebook.com/search/top/?q=alcumus>. The Facebook navigation bar at the top includes the search bar with 'alcumus' entered, the user's name 'Linda', and navigation links for 'Home' and 'Find Friends'. Below the navigation bar, there are tabs for 'All', 'Posts', 'People', 'Photos', 'Videos', 'Pages', 'Places', 'Groups', 'Apps', and 'Events'. The 'All' tab is selected.

On the left side, there is a 'Filter Results' section with the following options:

- POSTS FROM**
  - Anyone
  - You
  - Your Friends and Groups
  - [+ Choose a Source...](#)
- POST TYPE**
  - All Posts
  - Posts You've Seen
- POSTED IN GROUP**
  - Any group
  - Your Groups
  - [+ Choose a Group...](#)
- TAGGED LOCATION**
  - Anywhere
  - [+ Choose a Location...](#)
- DATE POSTED**

The main content area displays search results under the 'Pages' section. The first result is 'Alcumus', a Cardiff-based Consulting Agency with 2.4K likes. The second result is 'Alcumus Jaya Sdn Bhd', an Education provider with 19 likes. The third result is 'Alcumus isoqar Bangladesh', a Nonprofit Organization with 871 likes. Below the 'Pages' section, there is a 'Public Posts' section showing a post from 'Alcumus' dated July 12 at 10:16 AM, which is a congratulatory message for Streetbike.

On the right side, there is a language selection menu with options for English (US), Polski, Español, Português (Brasil), and Français (France). Below this, there are links for Privacy, Terms, Advertising, Ad Choices, Cookies, and More, along with the Facebook copyright notice for 2018.

The Windows taskbar at the bottom shows the system tray with the date and time '21:11 15/07/2018' and various application icons.

# Employees and other activity not visible directly from here, so – view page source

The screenshot shows a web browser window displaying the Facebook page for Alcumus Group. The browser's address bar shows the URL <https://www.facebook.com/AlcumusGroup/>. The Facebook navigation bar at the top includes the user's name 'Linda', 'Home', 'Find Friends', and notification icons. The main content area features a large blue banner with the Alcumus logo and the tagline 'Your Trusted Partner'. The profile picture, which is a blue recycling symbol, is highlighted, and a context menu is open over it. The menu includes options such as 'Back', 'Forward', 'Reload', 'Save as...', 'Print...', 'Cast...', 'Translate to English', 'Adobe Acrobat', 'View page source', and 'Inspect'. The 'View page source' option is highlighted. Below the banner, there are buttons for 'Like', 'Follow', 'Share', 'Contact Us', and 'Send Message'. The page also shows a 'Write a post...' section and a 'Community' section with statistics like '2,442 people like this' and '2,425 people follow this'. The Windows taskbar at the bottom shows the search bar and various application icons.

Browser tabs: (2) Alcumus - Home

Address bar: <https://www.facebook.com/AlcumusGroup/>

Navigation bar: Alcumus, Linda, Home, Find Friends

Profile picture: Alcumus logo (recycling symbol)

Context menu options:

- Back (Alt+Left Arrow)
- Forward (Alt+Right Arrow)
- Reload (Ctrl+R)
- Save as... (Ctrl+S)
- Print... (Ctrl+P)
- Cast...
- Translate to English
- Adobe Acrobat
- View page source (Ctrl+U)
- Inspect (Ctrl+Shift+I)

Page content:

- Banner: Alcumus Your Trusted Partner
- Buttons: Like, Follow, Share, Contact Us, Send Message
- Post area: Write a post...
- Community: 2,442 people like this, 2,425 people follow this

Taskbar: Type here to search, Windows Start button, various application icons, system tray (21:14, 15/07/2018)

# This is not a profile – it is a page

## So the command is pageid

```
view-source:https://www.facebook.com/AlcumusGroup/
center"},1],["__markup_3310c079_0_e",{"__html":"Submit feedback"},1],["__markup_3310c079_0_f",{"__html":"Updates from"},1],["__markup_3310c079_0_1",{"__html":"Friend Requests"},1],["__markup_3310c079_0_2",{"__html":"Friends"},1],["__markup_3310c079_0_3",{"__html":"Groups"},1],["__markup_3310c079_0_4",{"__html":"Marketplace"},1],["__markup_3310c079_0_5",{"__html":"Messenger"},1],["__markup_3310c079_0_6",{"__html":"News Feed"},1],["__markup_3310c079_0_7",{"__html":"Notifications"},1],["__markup_3310c079_0_8",{"__html":"Pages"},1],["__markup_3310c079_0_9",{"__html":"Profile"},1],["__markup_3310c079_0_a",{"__html":"Settings"},1],["__markup_3310c079_0_b",{"__html":"Watch"},1]],"elements": [{"__elem_0d08bd8f_0_0", "bluebarRoot"},1], [{"__elem_66011224_0_0", "u_0_5"},1], [{"__elem_43284cdd_0_0", "u_0_a"},2], [{"__elem_e79fe434_0_0", "u_0_b"},1], [{"__elem_da4ef9a3_0_0", "u_0_c"},1], [{"__elem_a588f507_0_c", "u_0_d"},1], [{"__elem_7d4989a4_0_0", "fbRequestsJewel"},1], [{"__elem_a8bc011b_0_0", "requestsCountValue"},1], [{"__elem_9f5fac15_0_b", "fbRequestsList_wrapper"},1], [{"__elem_7d4989a4_0_2", "u_0_e"},1], [{"__elem_a8bc011b_0_2", "mercurymessagesCountValue"},1], [{"__elem_072b8e64_0_2", "u_0_f"},1], [{"__elem_7d4989a4_0_1", "fbNotificationsJewel"},1], [{"__elem_a8bc011b_0_1", "notificationsCountValue"},1], [{"__elem_072b8e64_0_1", "u_0_g"},1], [{"__elem_a588f507_0_e", "u_0_h"},1], [{"__elem_f67c501f_0_0", "u_0_i"},1], [{"__elem_a588f507_0_d", "u_0_7"},1], [{"__elem_1de146dc_0_3", "logoutMenu"},1], [{"__elem_072b8e64_0_0", "pageLoginAnchor"},2], [{"__elem_a588f507_0_8", "u_0_j"},1], [{"__elem_a588f507_0_7", "u_0_k"},1], [{"__elem_3fc3da18_0_0", "u_0_l"},1], [{"__elem_51be6cb7_0_0", "u_0_m"},1], [{"__elem_1de146dc_0_0", "u_0_n"},1], [{"__elem_ec77afbd_0_0", "u_0_o"},2], [{"__elem_1de146dc_0_1", "u_0_p"},1], [{"__elem_ec77afbd_0_1", "u_0_q"},2], [{"__elem_1de146dc_0_2", "u_0_r"},1], [{"__elem_ec77afbd_0_2", "u_0_s"},2], [{"__elem_9f5fac15_0_c", "pagelet_bluebar"},1], [{"__elem_45e94dd8_0_0", "pagelet_bluebar"},2], [{"__elem_a588f507_0_6", "globalContainer"},2], [{"__elem_a588f507_0_9", "content"},1], [{"__elem_9f5fac15_0_1", "entity_sidebar"},1], [{"__elem_a588f507_0_1", "u_0_t"},1], [{"__elem_a588f507_0_2", "u_0_u"},1], [{"__elem_a588f507_0_0", "u_0_v"},1], [{"__elem_a588f507_0_2", "u_0_w"},1], [{"__elem_d3d2500b_0_0", "u_0_w"},1], [{"__elem_d0de0506_0_0", "u_0_w"},1], [{"__elem_fc9f538f_0_0", "u_0_x"},1], [{"__elem_a588f507_0_5", "u_0_y"},1], [{"__elem_9f5fac15_0_2", "pagelet_page_above_header"},1], [{"__elem_9f5fac15_0_3", "pagelet_page_cover"},1], [{"__elem_a588f507_0_3", "u_0_z"},1], [{"__elem_a588f507_0_4", "u_0_10"},1], [{"__elem_9f5fac15_0_4", "pagelet_growth_expanding_cta"},1], [{"__elem_53d68c14_0_0", "u_0_11"},1], [{"__elem_9f5fac15_0_0", "u_0_12"},1], [{"__elem_9f5fac15_0_5", "id_5b4bab9c445746b17214732"},1], [{"__elem_9f5fac15_0_6", "pagelet_rhc_footer"},1], [{"__elem_9f5fac15_0_7", "id_5b4bab9c4453b1975548095"},1], [{"__elem_9f5fac15_0_8", "id_5b4bab9c445687698956843"},1], [{"__elem_a588f507_0_b", "u_0_13"},1], [{"__elem_9f5fac15_0_9", "pagelet_sidebar"},1], [{"__elem_9f5fac15_0_a", "pagelet_dock"},1], "require": [{"__currentPage", "init", [], [{"pageID": "114012141951755", "pageName": "Alcumus"}]}, [{"PagesManagerUserMessagePrompt", "openTab", [], [{"114012141951755"}]}, [{"HubbleLogger", "setActiveSurface", [], [3]}, [{"HubbleLogger", "setPlatform", [], [{"www"}]}, [{"FacebookNavigation", "setPageQuery", [], [{"structure": [{"text": "Alcumus", "type": "ent:page", "uid": "114012141951755", "categoryName": "Consulting Agency", "isLocal": true}], [{"DocumentTitle", "set", [], [{"Alcumus - 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```

# <https://www.facebook.com/search/114012141951755/employees>

## about 135 people – personal profiles and personal data

The screenshot shows a web browser window displaying a Facebook search results page for 'Alcumus employees'. The browser's address bar shows the URL <https://www.facebook.com/search/114012141951755/employees>. The Facebook interface includes a search bar with 'Alcumus employees' entered, a user profile for 'Linda Smith', and navigation options like 'Home', 'Find Friends', and 'Marketplace'. The main content area lists five employee profiles:

- Rory Finnegan**: Works at Buckinghamshire County Council, Worked at Alcumus, Studied at NUI Galway, Lives in Hatfield, Hertfordshire, United Kingdom.
- Richard King**: Senior Software Developer at Biotechnics, Lead Software Developer at Alcumus.
- Neari Kitterringham**: Director at Lynchpin Recruit, Former Head of Recruitment at Alcumus, Lives in Sheffield.
- Nigel Hance**: Works at Alcumus, Studied Biology at Oxford Brookes University, Lives in Cardiff.
- Tolulola Olujinmi**: Client Relationship Manager at S2 Partnership Ltd, Former Business Development Manager at Alcumus.

The right sidebar shows language options (English (US), Polski, Español, Português (Brasil), Français (France)), privacy/terms links, and a copyright notice for Facebook © 2018. The Windows taskbar at the bottom shows the time as 23:07 on 10/07/2018.



# Market Place – rubbish removal

Facebook Marketplace search results for "rubbish removal".

Search filters:

- Price: Min to Max
- Only show free listings:
- Location: Newcastle under Lyme, Within 2 kilometers
- Sort By: Newest
- Categories: All Marketplace

Search results:

- Van and man**: £200, Newcastle, England - over a week ago. Image: A white van with a person loading a large blue box.
- Ford**: £200, Newcastle, England - over a week ago. Image: A red Ford truck.
- Rubbish removals**: £30, Newcastle, England - over a week ago. Image: A thumbs up icon and the text "We can".
- Weed control**: FREE, Newcastle, England - over a week ago. Image: A sign for "DOMESTIC & COMMERCIAL WEED CONTROL FOR ALL PATHS, DRIVES & PATIOS".

Windows taskbar: 22:52, 16/09/2019

# Market Place – rubbish removal

Facebook Marketplace

Jamie Lee Armit

facebook.com/marketplace/item/1153091504887431/

Apps Yahoo Mail Google Calendar Personal banking Lloyds Bank – Inter... Current Accounts, S... Buy Train Tickets, C... GWR Inbox (1) - sjmorris...

Search

Linda Home Find Friends Create


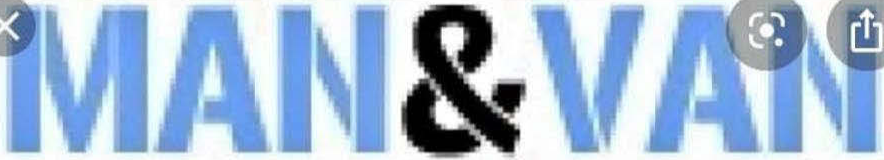
Marketplace

Browse Groups Stores Buying Selling Saved Items

Price Min Only st

Location Newc Within 2 k

Categories All M Home & Garden




Marketplace > Garage Sale

Van and man  
Newcastle, England · over a week ago

£200

Rubbish removals  
Tip runs... More



Report A53 OpenStreetMap

Seller Information

Send seller a message

Is this available?

Send

Message Save Share

Type here to search

22:54  
16/09/2019

# Market Place – Jamie Lee Armit

Facebook Marketplace x Jamie Lee Armit x +

facebook.com/marketplace/item/1153091504887431/

Apps Yahoo Mail Google Calendar Personal banking Lloyds Bank – Inter... Current Accounts, S... Buy Train Tickets, C... GWR Inbox (1) - sjmorris...

Search

Linda Home Find Friends Create

Marketplace


Browse Groups Stores Buying Selling Saved Items

Price Min Only st

Location Newc Within 2 k

Categories All M Home & Garden

**MAN & VAN**




Report


Whitmore Rd

OpenStreetMap


**Seller Information**

 **Jamie Lee Armit**  
Joined Facebook in 2018




**Sponsored**



Send seller a message

 Is this available?

**Send**

 Message  Save  Share

Chat

Type here to search

22:55 16/09/2019




# Market Place – Jamie Lee Armit

Facebook Marketplace Jamie Lee Armit

facebook.com/marketplace/item/1153091504887431/

Apps Yahoo Mail Google Calendar Personal banking Lloyds Bank – Inter... Current Accounts, S... Buy Train Tickets, C... GWR Inbox (1) - sjmorris...



**Jamie Lee Armit**  
JAM JAM

Follow Message Report View Profile

**Seller Information**

Joined Facebook in 2018

**Marketplace Listings · 3**

- We can** £30 and van service
- MAN & VAN** £200
- £20

Type here to search

22:56 16/09/2019

# Personal Profile – Jamie Lee Armit

Facebook Marketplace x Jamie Lee Armit x Jamie Lee Armit x +

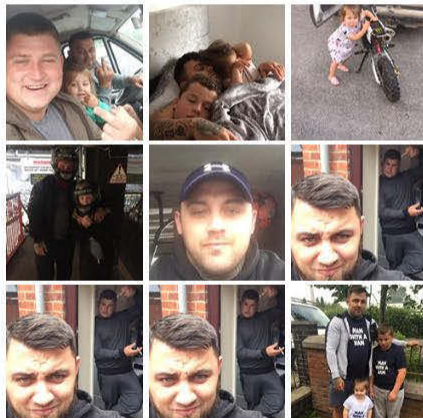
facebook.com/profile.php?id=100024529942873

Apps Yahoo Mail Google Calendar Personal banking Lloyds Bank Current Accounts, S... Buy Train Tickets, C... GWR Inbox (1) - sjmorris...

Jamie Lee Armit Timeline 2019 August Add Friend

Joined February 2018 Message Seller

Photos



Friends

English (US) - Polski - Español - Português (Brasil) - Français (France) +

Browse similar items on Marketplace and filter by price, location and more. Visit Marketplace

1 6 Comments 9 Shares

Like Comment Share

Georgina Burrow Highly recommend

Like Reply 3w

Jamie Lee Armit Georgina Burrow cheers Can u share it please

Like Reply 3w

Write a reply...

Press Enter to post.

Joanna Jojo Iv shared

Like Reply 3w 1

Jamie Lee Armit replied · 1 Reply

Chelsea Louise Can you do tip run in next hour? Elland

Like Reply 3w

Write a comment...

Chat

Type here to search

22:59 16/09/2019

# https://inteltechniques.com/menu.html

The screenshot shows a web browser window displaying the IntelTechniques Search Tool menu. The browser's address bar shows the URL <https://inteltechniques.com/menu.html>. The website header features the title "INTELTECHNIQUES SEARCH TOOL" in large white letters on a dark background, with a man in a suit (Michael Bazzell) standing in the center. To the right of the man, it says "MICHAEL BAZZELL OSINT TRAINER & PRIVACY CONSULTANT". Below the header is a navigation menu with the following items: Online Training, Live Training, Consultation, Tools, Forum, Blog, Podcast, Books, Bio, and Contact.

On the left side of the page, there is a vertical sidebar with the following sections: OSINT LINKS, SEARCH ENGINES, FACEBOOK, TWITTER, INSTAGRAM, USER NAME, REAL NAME, EMAIL ADDRESS, TELEPHONE NUMBER, DOMAIN NAME, IP ADDRESS, YOUTUBE, and REVERSE IMAGE.

The main content area is divided into three columns:

- Online Internet Search Tool**: A section with a heading and a paragraph: "Welcome to the new IntelTechniques Search Tool. Use the links to the left to access all of the custom search tools. The [OSINT LINKS](#) section contains hundreds of online search resources. Click any category to expand the selection. The [OSINT Linux build](#) can be found [HERE](#)."
- Online OSINT Video Training**: A section with a heading and a paragraph: "IntelTechniques is your one-stop-shop for Open Source Intelligence (OSINT) training. Memberships include:" followed by three items:
  - Unlimited Access**: "Learn what you want, when you want, from our entire course library. Watch from your computer, tablet, or mobile device. Download free software solutions for easy online searching. Revisit when needed."
  - 191 Videos**: "Find what you need in our growing library. New courses added monthly for all levels of technical skill. Browse for a specific topic or follow the guided course. You set the pace with over 60 Hours of videos."
  - Watch and learn from Michael Bazzell, author of Open Source Intelligence Techniques and trainer of thousands of intel analysts worldwide. Priority**
- OSINT Search Guide**: A section with a heading and a paragraph: "The Fifth Edition of my book on internet search techniques is now available. Click the book below for details." Below this text is an image of the book cover for "OPEN SOURCE INTELLIGENCE TECHNIQUES: RESOURCES FOR SEARCHING AND ANALYZING ONLINE INFORMATION, FIFTH EDITION" by Michael Bazzell, featuring a silhouette of a person wearing a hat and sunglasses.

The Windows taskbar at the bottom of the screen shows various application icons, including the Start button, File Explorer, Google Chrome, and several other programs. The system tray on the right shows the time as 22:28 and the date as 03/09/2017.

# http://osintframework.com/

The screenshot shows a web browser displaying the OSINT Framework website. The browser's address bar shows the URL `osintframework.com`. The website's main heading is "OSINT Framework".

Below the heading, there is a legend for tool types:

- (T) - Indicates a link to a tool that must be installed and run locally
- (D) - Google Dork, for more information: [Google Hacking](#)
- (R) - Requires registration
- (M) - Indicates a URL that contains the search term and the URL itself must be edited manually

The main content is a mind map starting from "OSINT Framework" on the left. The branches include:

- Username
- Email Address
- Domain Name
- IP Address
- Images / Videos / Docs
- Social Networks
  - Facebook
    - Search
      - IntelTechniques Facebook Tools
      - Find my Facebook ID
      - FB Email Search
      - Recover FB Account
      - Facebook Photos by ID (M)
      - FB People Directory
      - NetBootCamp FB Search Tool
      - FB Lookup ID
      - FB Identify (Requires Logout)
      - Search is Back!
      - Socialsearching
      - Facebook Live Map
    - Analytics
    - Archive / Document
  - Twitter
  - Google+
  - Reddit
  - Other Social Networks
  - Search
  - Social Media Monitoring Wiki
- Instant Messaging
- People Search Engines
- Dating
- Telephone Numbers
- Public Records
- Business Records
- Transportation
- Maps
- Search Engines
- Forums / Blogs / IRC
- Archives
- Language Translation



# Twitter – Click ADVANCED SEARCH – enter data

The screenshot shows the Twitter Advanced Search interface. The browser's address bar displays the URL <https://twitter.com/search-advanced>. The page title is "Advanced search".

**Words**

- All of these words:
- This exact phrase:
- Any of these words:
- None of these words:
- These hashtags:
- Written in:

**People**

- From these accounts:
- To these accounts:
- Mentioning these accounts:

**Places**

- Near this place:

The Windows taskbar at the bottom shows the search bar with the text "Type here to search", the system tray with the time "20:43" and date "16/07/2018", and several application icons including File Explorer, Google Chrome, and Microsoft Word.

# Next steps

- ▶ Obtain an email address
- ▶ Open accounts/profiles
- ▶ Adjust your settings
- ▶ Will need a mobile number for authentication



**Images**

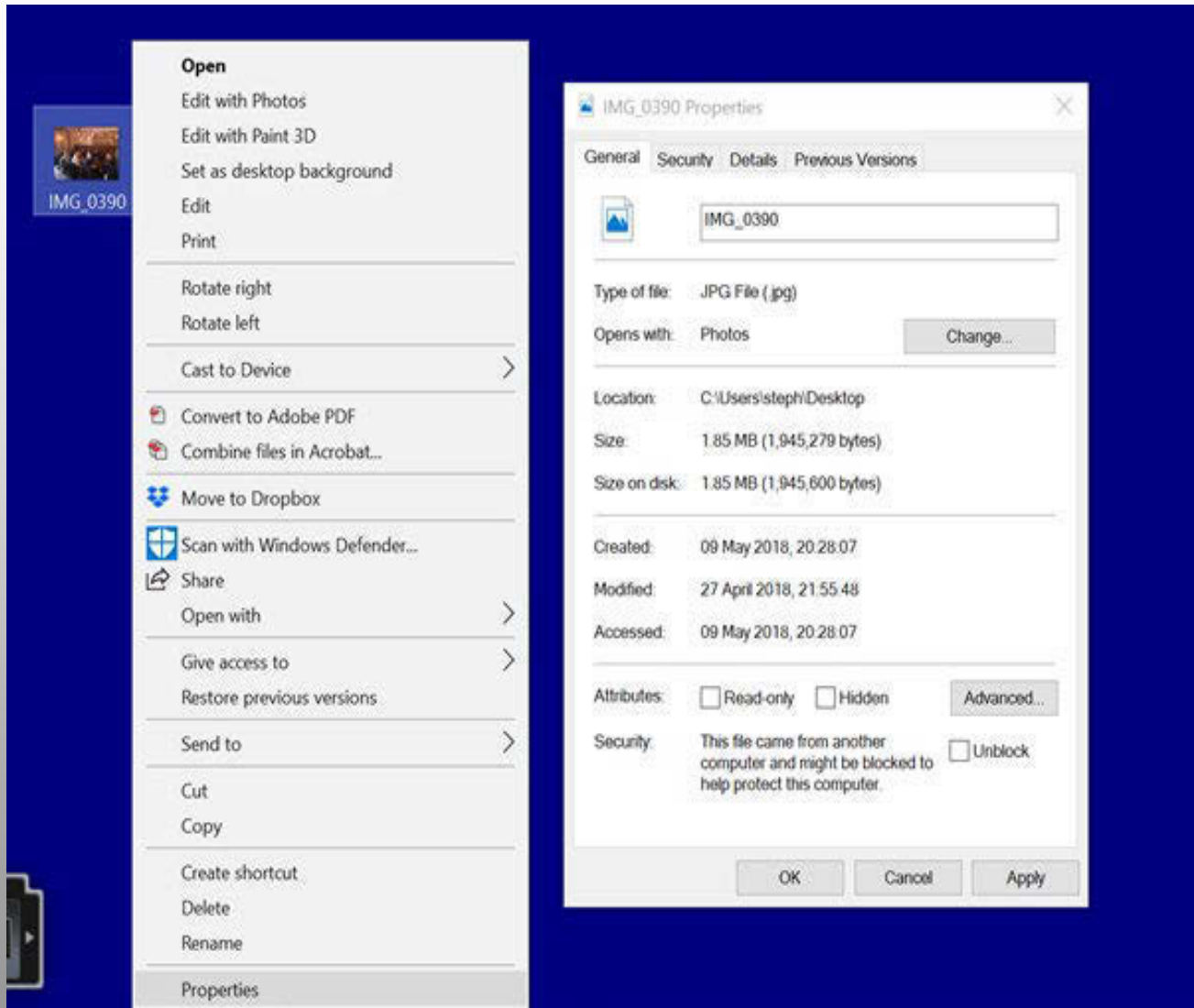
# First - Terminology

- JPEG, TIFF, GIF, PNG, Raw
- Metadata
- EXIF
- GPS Co-ordinates (percentages or degrees)
- Facial recognition
- Machine learning
- Processing software (adobe elements etc)

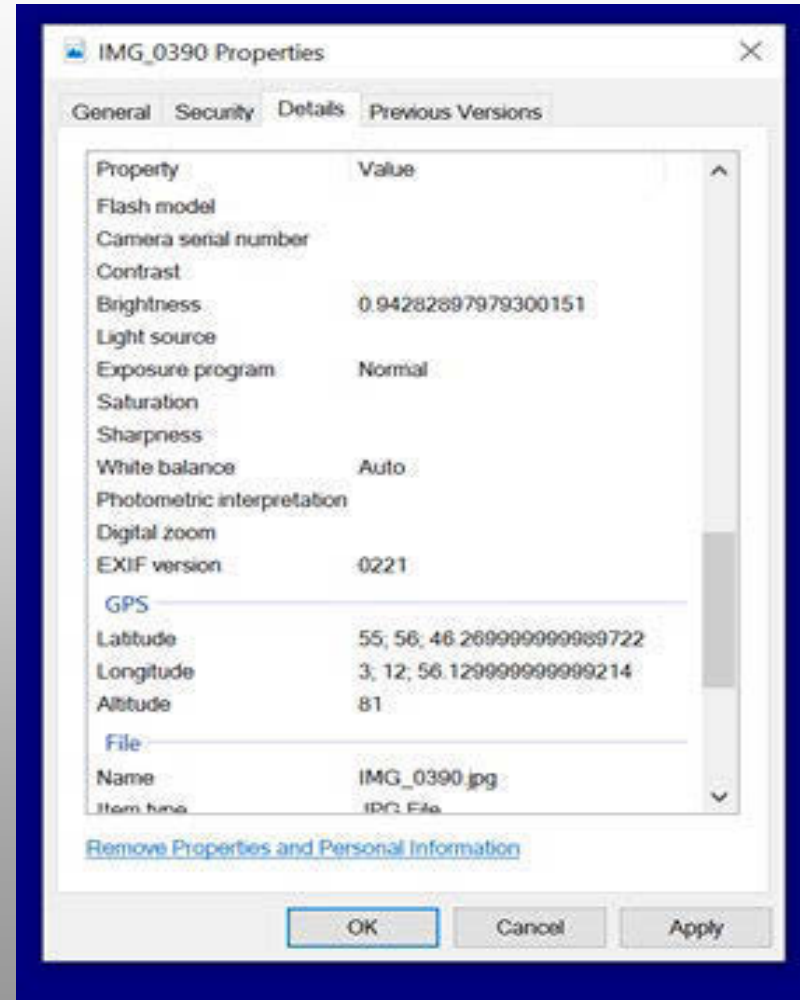
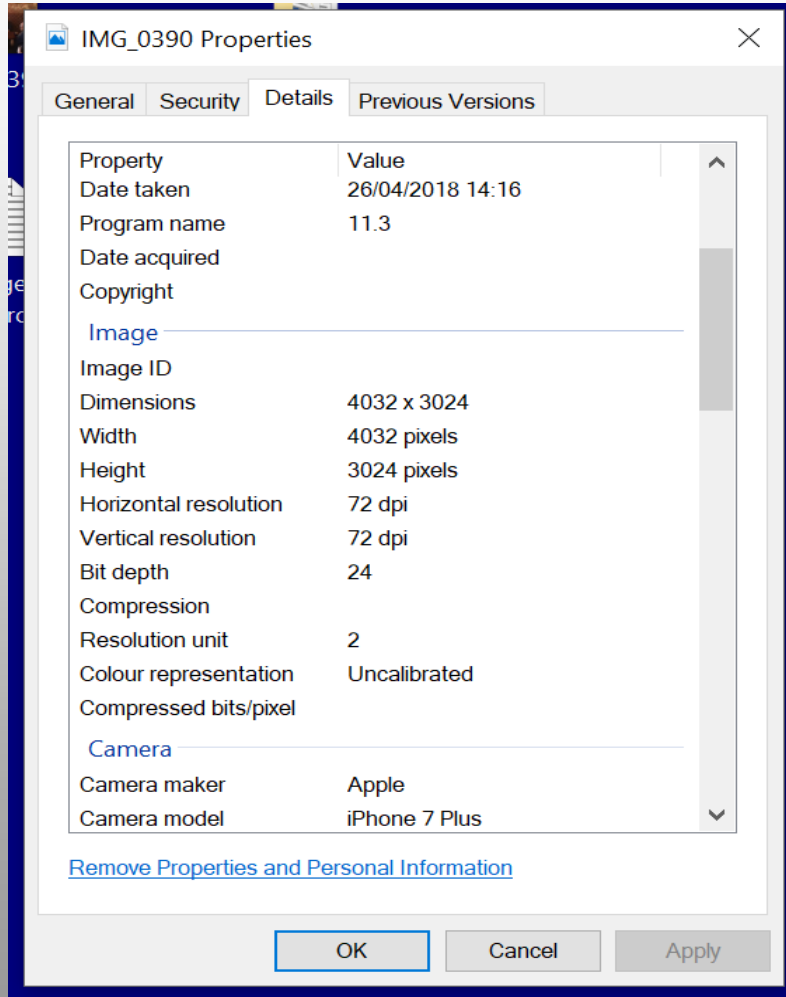
# Images



# Images



# Images







# https://www.gps-coordinates.org/

The screenshot shows a web browser window with the URL <https://www.gps-coordinates.org/>. The page features two main tabs: "Address Coordinate Find" and "Address Convert Latitude Longitude". The "Address Convert Latitude Longitude" tab is active, displaying a map of Edinburgh, Scotland, with a red pin marking the location of the Edinburgh International Conference Centre at 276 Morrison St. A white information box on the map provides the following details:

- Geolocation:** 276 Morrison St, Edinburgh EH3, UK
- Latitude:** 55.94618611111111
- Longitude:** -3.2155916666666826

On the left side of the page, there are two input sections. The first section, titled "DD (decimal degrees)", has input fields for Latitude (55.94618611111111) and Longitude (-3.2155916666666826), with a "Get GPS Coordinates" button above. The second section, titled "DMS (degrees, minutes, seconds)", has input fields for Latitude (55° 56' 46.269") and Longitude (3° 12' 56.1312"), with a "Get Address" button above. An advertisement for Gladstone Brookes is visible at the bottom left of the page content, featuring a woman on a phone and the text "Start your PPI check and see what you could claim". The Windows taskbar at the bottom shows the search bar, task view, and various application icons, with the system clock displaying 20:41 on 09/05/2018.

# Images

MyGeoPosition.com - Free x GPS Coordinates Finder | x

Secure https://www.gps-coordinates.org

Apps Yahoo Mail Google Calendar - F Personal banking | B Lloyds Bank - Intern Current Accounts, S GWR

Get GPS Coordinates

DD (decimal degrees)

Latitude

Longitude

Get Address

DMS (degrees, minutes, seconds)

Latitude


Longitude

Get Address

Address Coordinate Find

Address Convert Latitude Longitude

276 AB  
Edinburgh, Scotland  
View on Google Maps



Start your PPI check and see what you could claim ▶

GLADSTONE BROOKERS

Type here to search

20:39  
09/05/2018

# http://fotoforensics.com/

OSINT Search Tool by IntelTechni x FotoForensics x +

Not secure | fotoforensics.com

Apps Yahoo Mail Google Calendar - Fe Adobe Document Cl Personal banking | Be Lloyds Bank - Interne Current Accounts, Sa Buy Train Tickets, Che GWR



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Upload File

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Type here to search

20:51 07/01/2019



# https://www.pic2map.com/

The screenshot shows a web browser window with several tabs open: OSINT Search Tool by IntelTechni, FotoForensics - Analysis, Find exif data - Online exif/meta, and Photo Location & Online EXIF Da. The address bar shows the URL https://www.pic2map.com. The browser's taskbar includes icons for Apps, Yahoo Mail, Google Calendar, Adobe Document Cl, Personal banking, Lloyds Bank, Current Accounts, Buy Train Tickets, and GWR.

The website header features the Pic2Map logo (a globe with a magnifying glass) and the text "PIC2MAP Online EXIF Viewer". A green button labeled "Random Location" is positioned in the top right corner of the header.

The main content area displays a world map. A central white dialog box with a light blue border is overlaid on the map. The dialog box has the following text and elements:

- Pic2Map Photo Location Viewer**
- Can't remember the location where you took a picture with your camera or smartphone? Upload your photos and find out where they were taken. Pic2Map analyzes EXIF data embedded in the image to find the GPS coordinates and location. The result would be a map view of your photo with detailed address and additional EXIF information if available.
- Drag and drop your images here to upload**
- A blue button with a file icon and the text **Select Photo Files**.
- An unchecked checkbox labeled **Keep photos private** with an information icon.
- Text: **By uploading a photo, you agree to Pic2Map's Terms of Service and Privacy Policy**

At the bottom of the browser window, a cookie notice reads: "We use cookies to enhance your experience. By continuing to visit this site you agree to our use of cookies. Learn more" with a "Close X" button.

The Windows taskbar at the bottom shows the Start button, a search bar with the text "Type here to search", and various application icons including Edge, File Explorer, Adobe Reader, OneDrive, and several utility icons. The system tray on the right shows the time as 21:02 and the date as 07/01/2019.

# http://www.findexif.com/

Browser tabs: New Tab, Find exif data - Online ex...  
Address bar: Not secure | www.findexif.com  
Taskbar: Apps, Yahoo Mail, Google Calendar - F..., Personal banking | B..., Lloyds Bank - Intern..., Current Accounts, Sa..., GWR

## Online photo EXIF metadata reader

Extract exif data from any jpg online photo, just paste the URL of the photo, no need to upload photos to our server

Photo URL

Go

[From wikipedia](#): Exchangeable image file format (Exif) is a specification for the image file format used by digital cameras. The specification uses the existing JPEG, TIFF Rev. 6.0, and RIFF WAV file formats, with the addition of specific metadata tags. It is not supported in JPEG 2000, PNG, or GIF. [read more...](#)

### Sample photos



### 3 Easy Steps:

- 1) Click 'Start Now'
- 2) Download on our website!
- 3) Get Free File Converter

myfileconvert.com

Space videos in 4K and HD

Amaze your viewers with these awe-inspiring videos. Explore this curated collection today!

Shutterstock



Type here to search

Taskbar icons: File Explorer, Chrome, Edge, OneDrive, Facebook, Steam, VLC, Music, Infinity, PowerPoint, Word, Help, Network, Wi-Fi, Speaker, 22:09, 09/05/2018



IPSWICH  
BOROUGH COUNCIL





# Reverse Image Search

18.0 billion images indexed and growing



 Upload or enter Image URL 

**Example searches**  
[American Gothic](#), [Shamwow](#), [V-J day](#)

**Browser extensions for**  
[Firefox](#), [Chrome](#), [Safari](#), [IE & Opera](#)

**TinEye Labs**  
[Find Colors](#), [Search by Color](#)

**Search Death Records** 

1) Simply enter their name. 2) Find their death record online. Go to [ancestry.co.uk/Death\\_Records](http://ancestry.co.uk/Death_Records) 

Upload or enter Image URL



[Download the TinEye extension for Chrome](#)



## 15 Results

Searched over **18.013 billion images** in 3.9 seconds.

for image: logo.png

Results will expire for unregistered users. [Login](#) or [register](#) for a free account to start saving your searches. TinEye is free to use for non-commercial purposes. See our [Products and APIs](#) for commercial solutions.

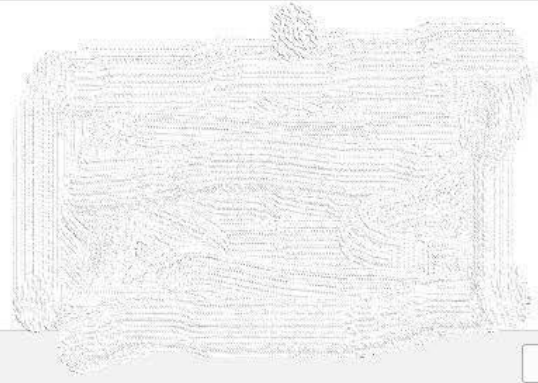
Sort by: Best match

« Prev 1 2 Next »



[www.allaboutipswich.com](http://www.allaboutipswich.com)

Image: [ibcsized.png](#)  
Page: [the-directory/things-to-do/](#)  
Crawled on 2017-01-27



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JPEG, 150x100, 6.2 KB  
Compare Match

**www.suffolk.gov.uk**

Image: IBC-logo.jpg  
Page: your-council/council-tax-and-financia...  
Crawled on 2014-06-12

Page: your-council/council-tax-and-financia...  
Crawled on 2014-03-05



JPEG, 240x240, 23.3 KB  
Compare Match

**flickrhivemind.net**

Image: 13499210885\_ff14961551\_m.jpg  
Page: Tags/f95/Interesting  
Crawled on 2016-02-08

Stephen Morris Timeline Recent Add Friend



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- Save link as...
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### Pages that include matching images

#### Bromley SEO Event - September 2015 - Shine Search



[shinerearch.co.uk/blog/bromley-seo/](http://shinerearch.co.uk/blog/bromley-seo/)  
400 × 400 - 11 Sep 2015 - September 10th 2015 marked the first proper meeting of 3 current or former SEO professionals in our local town of Bromley, South East London ...

#### UEFA 5 star stadium certification | Five stars. Posh stadium... | Flickr



<https://www.flickr.com/photos/sfmorris/4179342448>  
48 × 48 - Five stars. Posh stadium, this Camp Nou.

#### Nou Estadi Castalia | Home of Club Deportivo Castellón. | Stephen ...




<https://www.flickr.com/photos/sfmorris/4387809955>  
48 × 48 - 20 Feb 2010 - Home of Club Deportivo Castellón.

#### Bonka Bones | Bones and a cup of Bonka. | Stephen Morris | Flickr



<https://www.flickr.com/photos/sfmorris/4178579237>  
48 × 48 - Bones and a cup of Bonka.

#### Camp Nou dugouts | Well protected, these. Alex Ferguson woul... | Flickr



<https://www.flickr.com/photos/sfmorris/4179352326>  
48 × 48 - Well protected, these. Alex Ferguson would be happy.




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 **X-Ray Team** @BBCXRay 31 Jan

Our security team help @RacheITWales leave after confronting a second-hand car dealer. X-Ray, BBC1 - Monday

### For Consumers [See all](#)

#### Consumer advice, news and education resources



- ❖ Help and advice
- ❖ Know your consumer rights
- ❖ Latest news
- ❖ Education

#### ❖ Welsh consumers reveal their car buying woes

A recent survey by Wales Heads of Trading Standards has revealed consumers' experiences and expectations when buying used cars, with some eye opening results. Trading Standards...

#### ❖ National Consumer Week 2013 - tell us about your used cars

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#### What's happening in and around Wales



Trading Standards and Gwent Police kicking off a safe

### For Business [See all](#)

#### Business support, advice and fair

Female cafe owner in front of her shop



- ❖ Comprehensive Advice
- ❖ Consumer Dispute Advice
- ❖ Distance Selling Advice
- ❖ Under Age Sales
- ❖ Business Link Wales

#### ❖ Denbighshire County Council teams up with local producer to offer free training to food businesses

Denbighshire County Council's Food Safety team recently teamed up with one of the region's food producers to offer free training to local food businesses ahead...

#### ❖ Guidance and support to businesses on consumer law is available now

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### Doorstep crime and scams [See all](#)

#### Avoiding scams, rogue traders and doorstep criminals





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Small businesses are normally privately owned corporations, partnerships, or sole proprietorships. What constitutes "small" in terms of government support and ...

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### Pages that include matching images

#### [How Congress Can Boost \*\*Small Business\*\* in 2014 - US News and ...](#)



[www.usnews.com](http://www.usnews.com) > News ▾

620 × 413 - Dec 17, 2013 - Business advocates are hoping the proposed budget deal will provide funding and stability to **small businesses** in 2014. If your New Year's ...

#### [Small Business | The Fiscal Times](#)



[www.thefiscaltimes.com](http://www.thefiscaltimes.com) > Life + Money > Career Economics ▾

146 × 82 - Get **small business** news and articles about startups, entrepreneurs and more with The Fiscal Times.

#### [Small Business Financial Development Corporation Of Orange County](#)



[sbfdoc.com/](http://sbfdoc.com/) ▾

950 × 360 - The **Small Business** Disaster Loan Guarantee Program helps agriculture-related enterprises and other **small businesses** obtain financing needed to recover ...

#### [Small Business Saturday: AmEx Marketing Ploy? | The Fiscal Times](#)



[www.thefiscaltimes.com](http://www.thefiscaltimes.com) > Business + Economy ▾

592 × 333 - Nov 30, 2013 - American Express's **Small Business** Saturday campaign is an obvious win for Main Street, but is the company's own bottom-line boost getting in ...




 **Karen Upton**  
7 September 2013 · 🌐

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 **Alison Davies** This is fantastic! ! Where is this?  
X  
9 May 2014 at 08:31

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Best guess for this image: *european castles*

[List of castles in Europe - Wikipedia, the free encyclopedia](#)  
en.wikipedia.org/wiki/List\_of\_castles\_in\_Europe  
Below are lists of castles in Europe, organized by country: Sovereign states[edit].  
Charlottenburg Palace, Berlin, Germany. Windsor Castle, England, United ...

[European - Exploring Castles](#)  
www.exploring-castles.com/european\_castles.html  
European Castles have caused wars; inspired fairytales; and defined entire nations.  
Europe is the birthplace of the castle, and is home to the vast majority of ...

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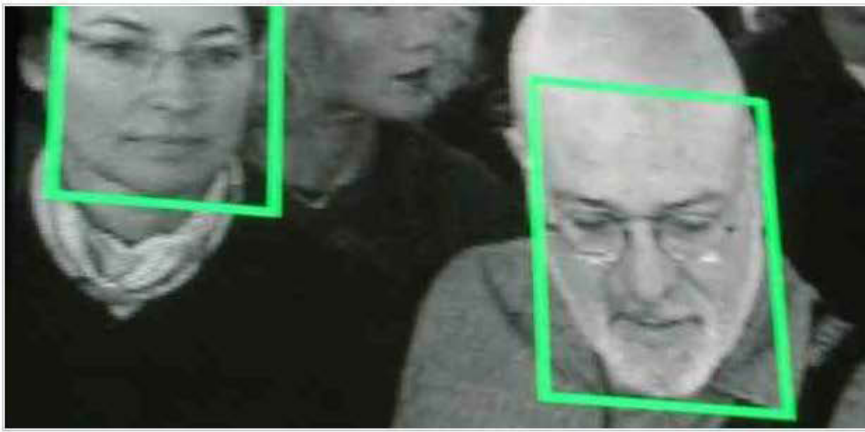
# Facial Recognition

- Facebook facial recognition system scans pictures you're tagged in
- KFC store in China lets customers pay with facial recognition
- Rail passengers could be charged for journeys by iris scan
- Facebook is looking for your face in photos you don't even know exist
- Facial recognition technology is being used by companies such as Tesco, Google and Facebook, and it has huge potential for security. Concerned? It may be too late to opt out...
- Chinese police use facial recognition technology to send jaywalkers instant fines by text

# Cloud-Powered Facial Recognition Is Terrifying

SEP 29 2011, 12:36 PM ET 95 +1 113 Recommend 4k

*By harnessing the vast wealth of publicly available cloud-based data, researchers are taking facial recognition technology to unprecedented levels*











"I never forget a face," goes the Marx Brothers one-liner, "but in your case, I'll be glad to make an exception."

Unlike Groucho Marx, unfortunately, the cloud never forgets. That's the logic behind a new application

**JUST IN**

 **ALEXIS MADRIGAL** | 6:32 PM ET  
**How Good Are Those Google Plus Numbers Again?**

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  -  **DEREK THOMPSON** | **Passage from**

Best matches for facial recognition internet ? X

If an individual's face in the street can be identified using a face recognizer and identified images from social network sites such as Facebook or... [Jump to text »](#)

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By **UncononicalAaron**  
No real name given + Add Contact

This photo was taken on April 21, 2011 in Milton Keynes, England, GB, using a Canon EOS 7D.



This photo belongs to

▶ [UncononicalAaron's photostream](#)

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- ▶ [Bletchley Park April 2011](#) (set)
- ▶ [UK April 2011](#) (set: 136)
- ▶ [FlickrCentral](#) (group)

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By UncanonicalAaron

### Places / United Kingdom / England / Milton Keynes

Ultra Av  
Roche Gdns  
Whalley Dr

Map  
Hybrid  
Satellite

1100m  
4250ft  
Data ©2010 NAVTEQ

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51.9973, -0.743081

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Showing content from the GeoTagging Flickr pool

Sort: Relevant Recent Interesting

View: Small Detail Slideshow



- red -

by fras1977

Some rights reserved

391 views

17 comments

20 notes

5 faves

Taken in Tunbridge Wells, England (map)

Taken on Dec 19, 2010



red-blue-brown in hamburg town

by erlwt

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1,543 views

37 comments

12 faves

Taken in Hamburg, Hamburg (map)

Taken on May 12, 2008



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- red -

large|white  
Taken for 52.5 of 2010. The theme this week was "red" just in case you had any doubts.

By fras1977  
No real name given + Add Contact

This photo was taken on December 19, 2010 in Tunbridge Wells, England, GB, using a Sony DSLR-A200.



392 views 5 favorites 16 comments

This photo belongs to

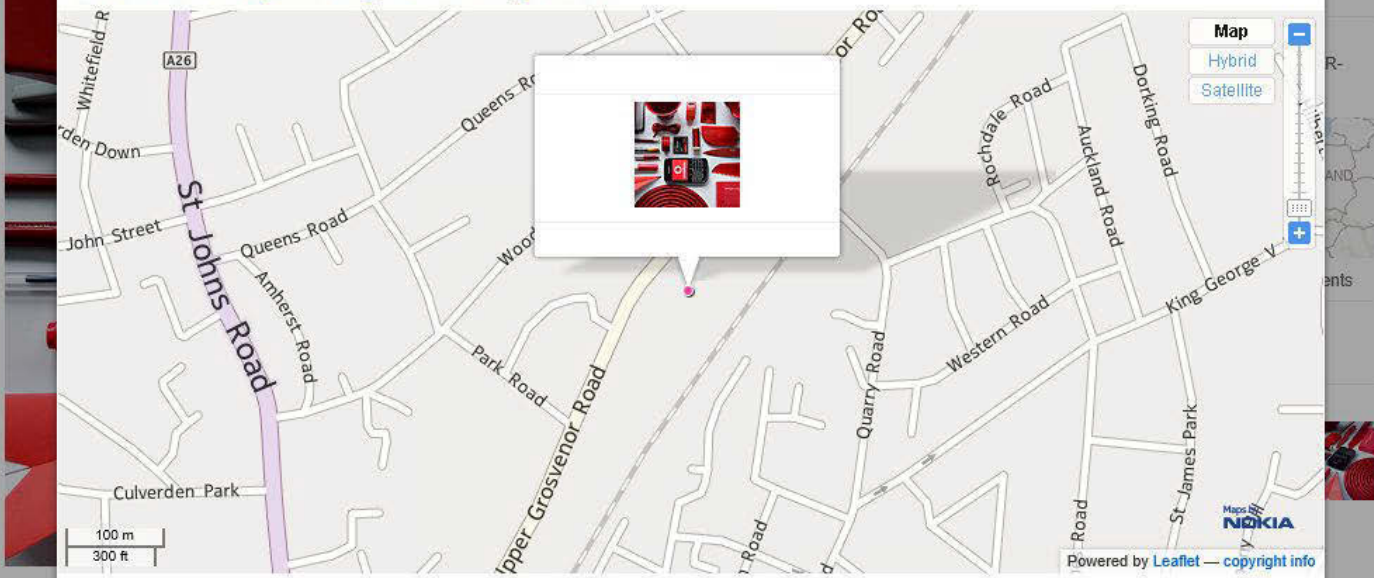
fras1977's photostream (2,698)



This photo also appears in

- ▶ fras1977: most interesting (set)
- ▶ UK Most Interesting (set)
- ▶ Fifty Two Of Twenty Ten (set)
- ▶ 52.5 of Twenty Ten (group)

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51.140317, 0.267856

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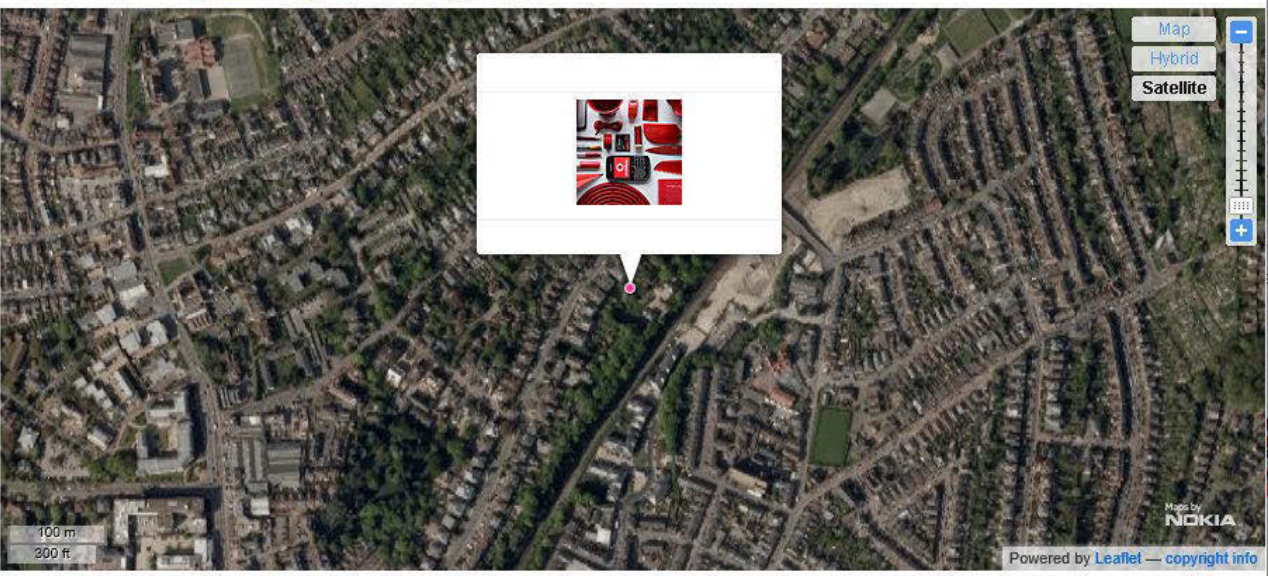
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- ▶ [UK Most Interesting](#) (set)
- ▶ [Fifty Two Of Twenty Ten](#) (set)
- ▶ [52.5 of Twenty Ten](#) (group)

# Videos

- On original site uploaded to – which might be a blog or membership page or other social media with the associated links
- Might be a link from your site – such as Facebook to the site of origin
- Uploaded directly to a website – not normally origin details



# Videos

To find original site link (URL)

- Hover mouse of video whilst not playing and it might appear – if not, start the video to force it to link to the site of origin, then hover mouse of playing video
- Right click and follow instructions (copy link address) (show video URL)
- The URL might be published adjacent to the video

# Intelligence or Evidence?

- ▶ Is our product evidence?
- ▶ Or is it intelligence that provides a link to evidence?
- ▶ How can we prevent others identifying the intelligence and methods of investigation?
- ▶ Sensitive method of investigation
- ▶ CPIA