



EVIDENCE MATTERS

Digital Forensics ***MORE*** than just computers



The **Expert Witness Service**

 **0330 660 0052**

 **07921 579910**

www.evidence-matters.com

Testimonials



What *OUR* clients have said about us...

Thank you Sarah. You are so damn impressive. I wish all experts responded like your company.

James Gray, Drystone Chambers, Nov 2017

Thanks ever so much for all your help Sarah – with ALL my cases over the years! You and EM really do go the extra mile!

Ruth, Law Hurst Taylor Solicitors, Aug 2016

Thank you so much to you all at Evidence Matters for all your help throughout my trial. My family and I will never forget how much you have helped to achieve an incredible result at trial. Many, many thanks.

Anon, Northampton Crown Court, Aug 2016

Thought you would like to know that SM has had no evidence offered against him. It seems his sister created a false FB account and sent herself messages!! Horrifying that she then went on to produce them to support her allegation.

Hegarty LLP Solicitors, Peterborough Crown Court, Nov 2015

Many thanks to you and Rashid for all your hard work recently – you pulled it off, you were excellent.

Ian Morley QC, 23 Essex Street Chambers

(He) was found not guilty after the jury were out for two hours only! An excellent result and the client was extremely happy!

Whiting & Purches Solicitors



EVIDENCE MATTERS

What **you** get...

- Your questions answered in **PLAIN** English ✓
- An easy to understand, professional report ✓
- Impartial evidence from a recognised Expert Witness ✓
- **24 Hour Nationwide service** ✓
- Your deadlines and budgets met ✓
- **No charge** for travelling time for computer examinations in England and Wales ✓
- Confidentiality and Discretion ✓

What **you** don't get...

- Industry jargon ✗
- Techno-babble ✗
- Incomprehensible reports ✗



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24 Hour Nationwide Service

24 Hour: 07921 579910

Our Services

**Defence Specialists in Child Pornography,
Terrorism & Fraud Cases**

Our services include:

- Digital Forensics, Computers, Phones and Tablets
- Cell Site Analysis
- SatNav Forensics
- ‘Chip-off’ Mobile Phone Forensics
- Categorisation Review of indecent images and extreme pornography
- Social Media Investigation
- eDiscovery & eDisclosure
- Electronic Tag Interrogation
- IT Investigation
- CCTV Examination
- Data Recovery, Acquisition & Preservation
- Case Reviews



Please visit our website for further information and recent case examples at:
www.evidence-matters.com

Digital Forensics - Computers

All examinations are conducted in accordance with the Association of Chief Police Officers (ACPO) 'Good Practice Guide for Digital Evidence'.

Computer evidence is secured and analysed by highly skilled, proven Experts using forensic tools in our laboratory, or on-site with our mobile forensics workstations, allowing us to provide you with a comprehensive picture of what the computer has – **or has not** – been used for.

Civil, commercial, employment, criminal (including publicly funded) and single joint expert work undertaken.

Defence Specialists in (but not limited to)

- Child Pornography
- Extreme Pornography
- eDiscovery / eDisclosure
- Fraud
- Terrorism
- Intellectual Property
- Social Media Investigation
- Email & Data Recovery



Please call **0330 660 0052** for further information...

Mobile Phone Forensics

We offer a comprehensive forensic mobile phone analysis service, providing you with a detailed, plain English report for use in court.

Our examinations will extract ALL recoverable data from the handset, SIM card and media cards. This may include 'deleted' information such as SMS text messages, emails, pictures, videos and audio files.* Our reports can be tailored to your needs eg., date parameters/data types.

Password protected handsets are no longer a barrier to forensic examination.*

Any still pictures and video files can be transferred to DVD for use in court.

We typically offer a 24-hour turnaround on mobile phones submitted to our laboratory for analysis. Alternatively we can conduct on-site examinations using our portable forensic equipment.

Our forensic tools also allow us to retrieve and examine raw mobile phone data, using a physical analyser.

Data can be extracted from broken or damaged handsets utilising 'chip-off' forensic procedures which enable a direct 'read' from the memory chip.

**Dependent on handset make and model*



Cell Site Analysis

We can conduct a 'physical' cell site analysis, using specialist equipment, enabling us to retrospectively identify the location and movement of mobile phones over a specified period.

This will demonstrate the **true** geographical cell coverage which, in our experience, can be dramatically different to the theoretical coverage.

This work is undertaken using original Call Data Records (CDRs) and we are happy to assist you in obtaining such records from service providers.*



***Call Data Records** are normally only held by the Service Provider for 12 months before deletion. **Please contact us immediately if you are close to that deadline.**

In July 2017 Police charged a former Police Officer with robbery. The Crown's cell site evidence, produced by an analyst, drew no conclusions.

OUR analysis showed the defendant had been some 19 miles away from the robbery. A jury at Aylesbury Crown Court found the defendant not guilty.

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Facebook and other Social Media

Evidence Matters Ltd utilises forensic software tools to maximise recovery of data from live social media profiles (Facebook, Twitter, Google+ and Bebo etc.) as well as recovering data, including chat logs and instant messages from storage media, mobile phones and computers.



Live Data Capture/Cloud Storage

We can capture and exhibit evidential data from the internet, including that from forums, chatrooms and Cloud storage services such as Dropbox, Google Drive and Sky Drive.

We also offer forensic analysis of

- iPhones & iPads
- CCTV
- Blackberrys
- Android devices
- Digital cameras
- SatNav systems (including inbuilt)
- GPS tracking systems
- PDAs
- Gaming devices
- iPods
- Tablets
- Voice recorders

Crash for Cash?

- Our Experts can analyse the Global Positioning System and other telemetric data output from vehicle 'black boxes' or in-car computers to determine events leading up to, and at the time of, a collision.

Factors such as location, speed, braking or acceleration can often be determined.



Electronic Tag Interrogation

- We are increasingly called upon to analyse Tag monitoring data – which can include Global Positioning System and mobile telephone network data – as there is a seemingly sharp increase in the number of alleged offences being committed by people wearing tags.

Our experts analyse the data, taking into consideration atmospheric and environmental conditions – alongside any physical factors (such as tall buildings, dense foliage) which could affect its accuracy.

Where data from the Global Positioning System (GPS) satellite constellation is being relied upon for evidence our experts can, in most cases, acquire historical data that will show the accuracy and serviceability of the GPS on relevant dates.



Collection of this historical data is usually overlooked in all but a very few cases, however it can be used to substantiate or rebut claims about the reliability of the data being used from the GPS.

- *Please contact us if you would like to discuss either of the above types of electronic investigation.*

eDiscovery & eDisclosure

Complex eDisclosure cases are becoming increasingly common as computers contain documents and emails, sometimes totalling several millions relating to a single case.

Evidence Matters Ltd can assist you in:

- Ensuring that eDisclosure is done correctly by the prosecution
- Verifying that data has been handled and presented correctly
- Allowing you to de-duplicate *and search* the documents and emails effectively and efficiently using our eDisclosure server.

Evidence Matters Ltd provides its own 'user friendly' web-based eDiscovery/eDisclosure service using our dedicated, secure servers. This has proved invaluable in cases such as complex frauds involving multiple defendants and large quantities of documents and emails.

Our eDiscovery platform allows for rapid searching and examination of the resulting data and can accommodate multiple users from different locations (ie. solicitors and barristers) for the same case. Our clients include many high-profile law firms and the Royal Gibraltar Police.

- **Call or email us if you would like to discuss eDiscovery and would like to try our eDiscovery server and test database.**

Understanding Digital Evidence Seminars

Our training on 'Understanding Digital Evidence' covers all aspects of 'need to know' computer and mobile phone forensics, along with an understanding of cell site analysis and social media forensics.

We concentrate on translating the 'techno babble' of digital forensics into plain English and removing the myths surrounding electronic evidence.

We do not promise to turn you into a computer expert overnight...but hope that, by the end of the session, you will be able to understand the technical jargon used by many forensic computer consultants – and be better-placed to represent your client.

We are happy to provide 'in house' CPD training to barristers chambers and solicitors **FREE** of charge and can accommodate evenings or weekend training to fit around your work commitments.

● For more information, or to arrange an 'in house' training session, please contact Sarah on 0330 660 0052.



About Evidence Matters Ltd

Established in 1996, our core business is providing digital forensics facilities to the legal profession. We have a proven track record of providing '**plain English jargon-free reports**' on budget, on time.

Our staff come from Police, HM Forces, Trading Standards and industry backgrounds.

We have considerable experience in examining digital evidence on behalf of the Defence – including but not limited to: child pornography and extreme pornography, fraud, terrorism, rape and murder cases.



We have also conducted forensic examinations in more than **6,000** cases on behalf of both the defence and prosecuting authorities including international, national and local government departments, police and private organisations.

Evidence Matters' work has been instrumental in the successful defence of many high-profile cases in both the UK and the Republic of Ireland, and we have acted as both Single Joint Experts and Defence Experts in International Criminal Court matters.

We have also undertaken work internationally in countries including the Republic of Ireland, Gibraltar, Kenya, Thailand, South Africa, Mauritius and Saudi Arabia.

Recent case results can be found on our website at www.evidence-matters.com

* Evidence Matters Ltd has not applied for ISO 17025 compliance but adopts procedures that honour the ethics of ISO 17025 compliancy.

Recent Results

Indecent Images of Children R v RK – St Albans Crown Court

The defendant was found not guilty of making indecent images of children after we were able to demonstrate a lack of ‘guilty mind’ – searches for, or visits to websites likely to contain, indecent images of children. The jury agreed that the search terms identified by the Police were ambiguous at best, and the not guilty verdict was unanimous.

Robbery R v MP – Aylesbury Crown Court

Our Cell Site Analysis showed the defendant had been 19 miles away from the robbery. The jury found the defendant not guilty.

Facebook – R v SM – Cambridge Crown Court

The complainant alleged the defendant had raped her before sending her Facebook messages pertaining to the rape. We were able to demonstrate that the Facebook account sending the messages was not the defendant’s, but one created to look like his. On receipt of our report the complainant admitted she had fabricated the account...and the CPS discontinued the case.

WhatsApp Indecent Images – R v SZ – Birmingham Crown Court

We were able to demonstrate that an indecent video of a child had been received, unsolicited, via the WhatsApp application and automatically saved to the defendant’s handset. The Crown were unable to show the defendant had viewed the video, and no evidence was offered at trial.

Web-based Email Evidence – R v CR – Northampton Crown Court

The Crown used an untrained covert operations Officer to conduct forensic analysis of the defendant’s web-based email account. CR was then charged with possession of indecent images of children received unsolicited in his email account after Police had taken control of the account. We demonstrated a number of significant failings by the Officer, which resulted in the CPS offering no evidence and the Officer being referred to Professional Standards.



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Our People

Ricky Yeomans – Compliance Manager & Digital Forensics Expert

Formerly a Hi-Tech Crime Investigator with Northamptonshire Police, Ricky's involvement with computing began with the Army in the 1980s before focusing on a career in Digital Forensics, both with the Police and in the private sector.

An EnCase certified Examiner he has received extensive training in digital forensics and cell site analysis. Proficient in German, he regularly provides Expert Evidence in criminal, civil and military matters for both prosecution and the defence.

Alongside his work as an Expert Witness, Ricky is overseeing our progression towards ISO 17025 and ISO 17020 accreditation.

Rashid Raja – Senior Digital Forensics Expert

Gaining most of his early experience in commercial/fraud field with the likes of EDS/Vistorm and the Serious Fraud Office, Rashid has completed professional courses relating to Forensics, IT Security and Penetration Testing.

Now specialising in defending high profile cases including child pornography, fraud and terrorism matters, he is a recognised Expert Witness who has conducted more than 3,000 examinations of computers, mobile phones and other digital media to date, with his expertise being utilised as far afield as Saudi Arabia and Mauritius.

Laura Johnson – Digital Forensics Expert

With a Law Degree from the University of Gloucestershire, Laura joined the company in 2006 and has conducted more than 3,500 forensic examinations of computers, phones, tablets and SatNavs.

An experienced and qualified examiner, she often manages to extract data from devices where others have failed. Her remit includes social media investigations.

In a recent rape case she was able to prove that a Facebook profile (purported to be that of the defendant) was in fact fake.....and as a result of her report, the witness admitted fabricating the crucial Facebook messages.

Our People

Phil Moseley – Digital Forensics Expert

Formerly a Hi-Tech Crime Investigator with Northamptonshire Police, Phil's involvement with criminal investigations began with the Police in the 1980s and he became a Detective Sergeant before focusing on a career in Digital Forensics.

An EnCase Certified Examiner, he has received extensive training in computer and mobile phone forensics. Phil has given evidence to Crown, Magistrates and Family courts on numerous occasions.

Sarah Vella – Case Manager

Sarah is a former Police Officer. Prior to that she had worked as an Authorised Officer with Trading Standards and as an Investigator with a trade organisation – investigating, on behalf of its members, the sale of counterfeit goods.

Sarah has extensive experience in categorising alleged indecent and prohibited images of children, along with extreme pornography, according to Sentencing Guidelines. Such Image Reviews often result in a significant reduction in the number of images taken into consideration or, with increasing frequency, cases being discontinued.

Working with Webmasters, Custodians of Records and the Russian Embassy, she has been able to provide photographic documentary evidence to the courts to show that many of the alleged children were in fact adults at the time photographs were taken.

With over 20 years experience in the legal arena, working for both prosecution and defence, Sarah conducts all case reviews to ensure that all potential lines of investigation are covered.



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Sarah Vella
Case Manager

Evidence Matters Ltd

30 Carters Lane
Kiln Farm
Milton Keynes
MK11 3HL

Tel: **0330 660 0052***

Mob: 07921 579910 (24/7)

Fax: 0330 660 0053

Email: **info@evidence-matters.com**

Web: **www.evidence-matters.com**



*calls charged as standard 01 & 02 numbers, including when calling from a mobile phone

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