Jan Collie

BSc (Hons), MSc, PhD, CEng, FBCS CITP, CCE, MIET, MEWI.

Digital Forensics and Cyber Security specialist

Advanced Internet, Social Networking & Mobile device Forensics

Expert witness; CUBs accredited for Civil & Criminal matters

Single Joint Expert experience at High Court level.

CURRICULUM VITAE

Summary

Dr Jan Collie is a highly qualified digital forensics and cyber security specialist with wide ranging experience in corporate and criminal investigations. Fraud, IP theft, system hacking and ransomware recovery form a significant portion of her current corporate casework. In criminal litigation, she is frequently instructed to carry out cell site analysis as well as computer, mobile phone forensics in order to provide expert evidence. She is also a Visiting Fellow (Computing and Communications) at The Open University and a published academic.

A CUBS accredited Expert Witness, Jan is certified for both civil and criminal matters. In civil litigation she has both Expert and Single Joint Expert experience in High Court proceedings. In criminal litigation, she is frequently instructed on serious matters such as rape, blackmail, terrorism and possession of indecent images. She has been called to give evidence on more than 40 occasions.

Noted for her expertise in the field, Jan was called to give advisory evidence to the House of Commons' Justice Committee on the disclosure of evidence in criminal cases in May 2018 and to the House of Lords Science and Technology Committee's inquiry into forensic science in November 2018. She regularly presents on digital forensics and cybersecurity, most recently at The Open University, British Science Week 2023, CyberScotland 2023, Forensics Europe Expo 2021, the British Computer Society and Kings College, London.

Main skills area

- Digital Forensics, Digital data/ IP theft, Cyber Security
- Computer, Mobile phone, Tablet & Drone forensics
- Cloud services forensics (Social Media, WhatsApp, Dropbox etc)
- Cell Site analysis
- Metadata analysis /Digital Document Fraud

Experience – Sample cases

Department of the State Protection of Ukraine v. Oleksandr Hranovskyi [2023] Instructed to examine and analyse evidence pertaining to a prominent Ukraine national faced with corruption charges.

Undisclosed [2020] Instructed to examine and analyse computer equipment and mobile phones belonging to a high ranking overseas official due to suspected nation state hacking.

Huawei Technologies Co [2019]. Instructed in the matter against the Canadian Royal Mounted Police in relation to the arrest of Huawei's chief financial officer Meng Wanzhou.

R v Elliot Hyams and Others [2016]. Instructed by the defence in one of the first UK trials relating to the infamous Dark Web online marketplace 'Silk Road'. Working in the New York offices of the Federal Bureau of Investigation (FBI), I examined and reviewed the investigation processes, data handling practices and the reliability of electronic evidence produced during the FBI's investigation of the 'Silk Road' website and Bitcoin servers.

Undisclosed [2015] Investigated and verified a system hack and potential data security breach at a high-security national facility.

Educational Qualifications

PhD in Digital Forensics, Data Security & Cybercrime - University of South Wales.

MSc (Distinction) in Information Security and Computer Crime – University of Glamorgan.

BSc (Hons) in Information Technology & Computing – The Open University.

PG Cert (ODE). Online and Distance Education – The Open University.

Industry-specific Qualifications

Cardiff University Expert Witness Certificates – 2008 & 2011. *Cardiff University/Bond Solon*

Certified Computer Examiner – 2024 (since 2007). *International Society of Forensic Computer Examiners*

Certified Steganography Investigator – 2008. *Wetstone Technologies, Inc.*

Certified Security Testing Associate – 2004. *7 Safe*

Professional Qualifications

FBCS CITP (Chartered Fellow of the British Computer Society)

CEng (Chartered Engineer)

MEWI (Member of the Expert Witness Institute)

MIET (Member of the Institution of Engineering and Technology)

MIEEE (Member of the Institute of Electrical Electronic Engineers)

Languages

German, Mandarin Chinese, French