



## **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**

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 and drone forensics in order to provide expert evidence. She is also 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 20 occasions.

Noted for her expertise in the field, Jan was called to give evidence to the House of Commons' Justice Committee on the disclosure of evidence in criminal cases in May 2018 and to the House of Lord 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 2022, 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, & SatNav forensics
- Cloud services forensics (Social Media, Webmail, Dropbox etc)
- Metadata analysis /Digital Document Fraud
- Cell Site analysis

### **Experience – Sample cases**

*Undisclosed [2020]* Instructed to examine and analyse computer equipment and mobile phones belonging to a prominent 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 Investigation Bureau (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.

*Undisclosed [2015]* Exposed a group of ex-employees as the perpetrators of online defamation against a prominent property company.

## **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.

## **Industry-specific Qualifications**

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

Certified Computer Examiner – 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 (Fellow of the British Computer Society, Chartered IT Professional)

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)

## **Civic Honours**

Liveryman of the Worshipful Company of IT Workers, City of London (since 2014)

Freedom of the City of London (2010)

## **Languages**

German, Mandarin Chinese, French

