CHRISTOPHER ELLIS
EXPERT WITNESS

An experienced expert witness in Forensic RF, Cell Site Analysis and Digital Investigation, with current competency, training & knowledge, with over 16 years in law enforcement & the criminal justice industry, in roles primarily relating to investigations.

CONTACT

Phone: 07512 617531
Email: christopher@hblforensics.com
Website: www.hblforensics.com

WORK EXPERIENCE

HBL Forensics | 2024 to present

Cell Site Expert Witness

- Independent Expert Witness specializing in Cell Site Analysis and Digital Investigations for the UK and international criminal justice systems.
- Collaborates with UK law enforcement agencies, including police forces and national bodies, as well as legal teams representing the defense.
- Skilled in the planning and execution of RF surveys, analysis of RF survey data, Call Data Records (CDRs), and cell site data, with expertise in quality assurance of work within these areas.
- Leads a team of expert witnesses in Cell Site and Digital Investigations. Responsible for the development and validation of methods to ISO 17025 standards, covering RF equipment, software, data analysis, and expert opinions within an accredited forensic service provider (FSP) specializing in Forensic Cell Site Analysis.

Footprint Investigations | 2019 - 2024

Director of Data Analytics & Cell Site Expert Witness

- Point of Contact for new investigations, taking on investigations on behalf of police forces and other agencies, including the Ministry of Defence.
- Identification of analytical techniques to produce leading edge capabilities via tools such as VBA in Microsoft Excel, SQL or Power BI, with ongoing development and evolution of products.
- Review of work produced by analysts, including review of cell site reports, maps and schedules provided to us by police forces and direct team of analysts regarding ongoing investigations.
- Produce reports around Cell Site Analysis & Investigations in regards to assist ongoing prosecution.
- Management of investigations taken on by the company in respect of criminal and civil investigations, to assist law firms, police forces and other organisations from the UK and overseas.
- To provide advice and guidance to colleagues and other partner agencies.
- Analysing survey data produced to produce relevant exhibits and managing the workload of the survey team.
- Responsible for day-to-day line management of analysts regarding their ongoing work, providing assistance, training and ensuring their development and continuous learning.

RICS | 2018-2019

Senior Investigations Officer

- Manage a high case holding, including complex cases, and progressing them in line with KPIs and high customer service standards.
- Use appropriate risk-based strategies to investigate reports of misconduct and professional service standards.
- Engage with firms, professionals and members through desk-based investigation, and visit based (as and when appropriate).

Central England Trading Standards Authorities (CENTsA) | 2017 - 2018

Senior Investigations Officer

- Production of profiles on a monthly basis to provide intelligence updates on various subjects such as tobacco, intellectual property, animal feed etc.
- Production, dissemination and presentation of Tactical and Strategic assessments to relevant teams, departments and local authorities to assist in the prevention and detection of crime.
- Provide training to colleagues and other teams around tools and techniques used in the analysis of intelligence.
- Briefing of investigators and managers regarding on going complex investigations and presentation of profiles and relevant data.

Private Investigations Companies | 2012 - 2017

Investigator

- Research and development of intelligence from various sources (both open and closed) to assist in the proactive identification of fraud.
- Offering advice and consulting clients and colleagues around whether a case fits the criteria for fraud.
- Pro-actively gathering intelligence to support operations.
- Pro-active investigation into online fraud conducted using various payment methods, including TRU gift cards or other payment methods used to carry out courier fraud.
- Researching social networking sites in order to build up a lifestyle analysis of individuals suspected of being involved in fraudulent claims and importation of counterfeit goods.
- Online investigations to establish the movements and whereabouts of individuals so that surveillance can be utilised to best effect.

Central Motorway Police Group | 2011 - 2012

Intelligence Officer

- Methodical and structured research to support analytical and investigative functions.
- Using analytical techniques to support intelligence products and present work in an appropriate format – ANPR, Cell Site Analysis, Convoy Analysis.

West Midlands Police | 2008 - 2011

Police Community Support Officer

- Dealing with crime and disorder including issuing of fixed penalty notices, assisting injured people in accordance with first aid and viewing of CCTV.
- Seizure and disclosure of evidence in relation to crime.
- Attending court to give evidence.

NOTABLE ACHIEVEMENTS

- In 2012, Christopher produced ANPR analysis, Sat-Nav data analysis, and cell site analysis to support the convictions of three individuals involved in numerous burglaries and robberies across the UK.
- In 2014, he carried out CCTV analysis, telephone data analysis, social media analysis, and cell site analysis to confirm the locations of individuals involved in a 'crash for cash' scam, leading to the conviction of several individuals for their roles in the incident.
- In 2017, Christopher led an investigation requested by a major insurance company concerning the Grenfell fire, utilising in-depth social media analysis.
- Since 2019, he has worked on various criminal investigations involving Cell Site Analysis, contributing to numerous successful prosecutions in collaboration with UK Police Forces.

RELEVANT TRAINING & QUALIFICATIONS

Level 7 Post-Graduate Certificate in Wireless Communications

University of Wolverhampton

Data Analytics and Data Science for Built Environment

Birmingham City University

5G Cell Planning Training Course

Wray Caste

A-Levels in Law & Statistics

King Edwards VI College

11 GCSEs including English & Mathematics

Ridgewood High School & King Edwards VI College