APPROVALS

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REVISION HISTORY

AUTHOR	APPROVED BY	REVISED SECTION/PARAGRAPH	REV	RELEASED
Ceri Walsh	Michael Shelley	First Version	1.0	20th January 2022
Ceri Walsh	Michael Shelley	Updated to remove leavers add new starters	2.0	11th August 2022
Mick Shelley	Ceri Walsh	Update document to as a Master TEMPLATE	3.0	21st November 2022

Draft and Archived/Obsolete revisions are not to be used.
Access the electronic versions on the system to verify the correct revision.

DFIR Biographies and Qualifications

Michael Shelley – Technical Advisor

Background

Over 30 years' combined experience working in Policing, Investigative and Digital Law Enforcement environments, Mick joined EFS in March 2021 and transferred with the team to Commissum DFIR in January 2022 as a Technical Advisor responsible for ISO 17025 accreditation and quality standards within the team.

Technical and Commercial Expertise

He has worked for West Mercia Police for many years as the Deputy Technical Manager, Digital Forensic Officer. Vehicle Forensic Examiner and Handset Examiner. Previous to this he worked at Focus Forensic Telecommunications and LGC as a Digital Forensic Investigator / Manager and Trainer. He also conducted RF network Readings.

Qualifications

Trained in the use of:

- X-Ways,
- Blacklight Blackbag & MacQuisition,
- Guidance Software Encase,
- Magnet IEF & Axiom,
- ADF DEI,
- Griffeye,
- Cellebrite UFED PA & 4PC,
- MSAB XRY, XAMN
- and Berla iVE
- ISO 17020 & 17025 Trained Auditor (Feb & Mar 2020)

Joshua Gahkal – Senior Investigator (Mobile)

Background

Formerly a Digital Forensics Officer for West Midlands Police, a Mobile Device Analyst for CCL and a Digital Education Officer for the Football Association, Joshua Joined EFS in July 2021 and transferred to Commissum DFIR in January 2022 as a Senior Investigator for the Digital Unit's Mobile device department.

Technical and Commercial Expertise

He is an experienced digital forensic investigator within the Digital Investigation Unit of Eurofins Forensic Services. He specialises in the examination of mobile telecommunication devices for

forensic purposes. He has been conducting forensic examinations of mobile telecommunication devices and computers since 2018 and holds a BSc in Forensic Computing.

Computer/Technical Literacy includes – Microsoft Office, Kali Linux, XRY, FTK Imager, EnCase and Cellebrite.

Qualifications

BSc Computer Forensics

- In House Training CCL Forensics
- Repair Technician Level 1 – FoneFunShop
- Certified Mobilyzer Operator – BlackBag Technologies
- Mobilyze Tool Training – BlackBag Technologies
- Autopsy 8-Hour Online Training
- Cellebrite byte-size learning
- Nationally Accredited Grader – Surrey and Sussex Police
- Courtroom Skills and Cross-Examination – Bond Solon Training
- XRY Certification Training
- Smartphone App Forensics – Control F

Ryan Gill, Senior Investigator (Mobile)

Background

Formerly a Mobile Device Analyst for CCL and a Systems Operations Analyst for PCMS, Ryan Joined EFS in July 2021 and transferred with the team to Commissum DFIR in January 2022 as a Digital Investigator for the Digital Unit's Mobile device department.

Technical and Commercial Expertise

Ryan is experienced in the triage, extraction and analysis of a mobile devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards. He has extensively used Cellebrite tools such as UFED Touch 2 and UFED Physical Analyzer in order to gain, interpret and analyse comprehensive extractions of devices; which have assisted many investigations.

Technical Skills: Competent in use of: EnCase, Cellebrite UFED Touch 2 & Cellebrite UFED Physical Analyzer, Griffeye Analyze, X-Ways, XRY, ATF Turbo Flash, Aceso, Mobilyze, Autopsy, C4ALL, Windows File Analyzer, Forensic Toolkit (FTK) Imager, Wireshark, Windows, Linux, Open Suse, Ubuntu, Office 365, Microsoft Exchange, Avaya, BMC Control M, BMC Portal, Symantec AntiVirus, SAP and Active Directory, Windows Powershell Kali Linux, Metasploit, VMware

Qualifications

BSc Forensic Computing

- 6 week boot camp at CCL Forensics
    1. Device extractions
    2. SIM Card extractions
    3. Memory card Imaging
    4. Reporting (Evidential, Intel & Streamlined Forensic Reports)
    5. ACPO and Forensic Science Regulator principles
    6. Forensic Analysis
    7. SQLite (Database queries)

- EFAW (Emergency First Aid at work)
- Mobilyze Tool Training
- Autopsy 8 Hour Training
- Cellebrite Reader Course
- Cellebrite Byte size learning
- Certified Mobile Operator
- National Accredited Grader (Surrey and Sussex Police)
- The ultimate my SQL Bootcamp

Sarah Formosa, Senior Investigator (Mobile)

Background

Formerly a Mobile Device Analyst for CCL, Sarah joined EFS in July 2021 and transferred with the team to Commissum DFIR as a Digital Investigator for the Digital Unit's Mobile device department.

Technical and Commercial Expertise

Sarah is experienced in the triage, extraction and analysis of a mobile devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards (ISO9001 and ISO17001).
She has trained and mentored junior analysts and performed Quality Assurance (QA) checks in accordance with procedures and provided them with assistance with case management and data analysis.
She actively acquires additional forensic knowledge to maintain up to date processes within the mobile device lab, this includes attending forensic webinars and keeping updated with online forensic forums and groups.

- Daily use of commercial forensics tools such as Cellebrite UFED, EnCase, FTK Imager, Griffeye Analyze, XRY and X-Ways.
- Advanced analysis of extracted mobile application databases including writing SQL queries.

Qualifications

BSc (Hons) Forensic Investigations - Accredited by Skills For Justice

- MSc Fraud Investigation Management - Accredited with module from Chartered Management Institute (CMI)
- 6 week boot camp at CCL Forensics.
    1. Device extractions
    2. SIM Card extractions
    3. Memory card Imaging
    4. Reporting (Evidential, Intel & Streamlined Forensic Reports)
    5. ACPO and Forensic Science Regulator principles
    6. Forensic Analysis
    7. SQLite (Database queries)

- National Accredited Grader (Surrey and Sussex Police)
- CSAS (Cell Site Analysis Suite) Mobile Forensic Training – delivered by Forensic Analytics Ltd

Ibi Ogunlami, Senior Investigator (Mobile / Computer)

Background

Ibi Started with EFS in 2018 as an Assistant Investigator and has since progressed through to the role of Senior Investigator. He transferred with the team to Commissum DFIR in January 2022.

Technical and Commercial Expertise

IBI is experienced in the triage, extraction and analysis of a mobile devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards (ISO9001 and ISO17001).
He has trained and mentored junior analysts and performed Quality Assurance (QA) checks in accordance with procedures, and provided them with assistance with case management and data analysis.
He has been the SPOC for more complex MPS cases to ensure continuous quality standards and continuity for the customer.
In addition to mobile extraction he is further trained and is competent in Computer Imaging and processing.

Qualifications

BSc Forensic Computing
- In house training at CCL to include;
    1. Device extractions
    2. SIM Card extractions
    3. Memory card Imaging
    4. Reporting (Evidential, Intel & Streamlined Forensic Reports)
    5. ACPO and Forensic Science Regulator principles
    6. Forensic Analysis
    7. SQLite (Database queries)

8. Forensic Imaging of Computers
9. Forensic Processing of computers

Sam Davis, Digital Investigator (Mobile)

Background

Formerly a Mobile Device Analyst for CCL, Sam joined EFS in August 2021 and transferred with the team to Commissum DFIR in January 2022 as a Digital Investigator for the Digital Unit's Mobile device department.

Technical and Commercial Expertise

Sam is experienced in the triage, extraction and analysis of a mobile devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards (ISO9001 and ISO17001).

Skills include;

- Day to day use of Cellebrite UFED Touch 2, Cellebrite Physical Analyser, Forensic Toolkit, FTK imager, XRY, X-Ways Forensics and EnCase.
- Writing forensics reports
- Timely and clear communication with clients and teammates
- Independently managing of casework to ensure cases are completed and returned within deadlines and within budgeted time
- Developing examination remits based on each cases specific requirements to ensure a product that meets the client's needs
- SQL queries and interpreting database data
- Basic knowledge of C# and java coding as well as using kali Linux to create basic scripts such as spoofing IP addresses and port scanning.
- Good understanding of ACPO guidelines and why these important rules are designed to keep evidence forensically and legally sound.
- XRY training course for the logical extraction of mobile data.
- Security cleared to UK Government SC level until 2021 (HMRC security vetting unit) and with Warwickshire Police until 2024.
- Good knowledge of Office 365.
- Solid understanding of Operating Systems such as Microsoft Windows XP through to 10, Kali Linux and some understanding of MAC operating systems and the key differences between them and Windows machines such as the different file system formats.
- Understanding and experience using penetration testing methods.

Qualifications

BSc Forensic Computing

- In house training at CCL to include;
    1. Device extractions
    2. SIM Card extractions
    3. Memory card Imaging
    4. Reporting (Evidential, Intel & Streamlined Forensic Reports)
    5. ACPO and Forensic Science Regulator principles
    6. Forensic Analysis
    7. SQLite (Database queries)

Rubin Nsiah – Assistant Investigator (Mobile)

Background

Formerly a digital administrator for EFS, she transferred with the team to Commissum DFIR in January 2022. In April 2022 Rubin started as an Assistant Investigator for the Digital Unit's Mobile device department.

Technical and Commercial Expertise

Rubin is trained in the triage, extraction and analysis of a mobile devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards (ISO9001 and ISO17001).

Skills include;

- Day to day use of Cellebrite UFED Touch 2, Cellebrite Physical Analyser, Forensic Toolkit, FTK imager, XRY, X-Ways Forensics and EnCase.
- Writing forensics reports
- Timely and clear communication with clients and teammates
- Independently managing casework to ensure cases are completed and returned within deadlines and within budgeted time
- Developing examination remits based on each cases specific requirements to ensure a product that meets the client's needs
- Good understanding of ACPO guidelines and why these important rules are designed to keep evidence forensically and legally sound.
- Security cleared to UK Government SC level

Qualifications

Msci Forensic Investigation
- In house training at Commissum to include;
    1. Device extractions
    2. SIM Card extractions
    3. Memory card Imaging
    4. Reporting (Evidential, Intel & Streamlined Forensic Reports)

5. ACPO and Forensic Science Regulator principles
6. Forensic Analysis

Reece Edwards – Assistant Investigator (Mobile)

Background

A third Year student at Birmingham University, studying for a BSc in Computer Studies, Reece joined the team as EFS in August 2021, and transferred with the team to Commissum DFIR in January 2022. He continues with the team during his final year at University, working as an Assistant Investigator for the Digital Unit's Mobile device department.

Technical and Commercial Expertise

Reece is trained in the triage, extraction and analysis of a mobile devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards (ISO9001 and ISO17001).

Skills include;
- Day to day use of Cellebrite UFED Touch 2, Cellebrite Physical Analyser, Forensic Toolkit, FTK imager, XRY, X-Ways Forensics and EnCase.
- Writing forensics reports
- Timely and clear communication with clients and teammates
- Independently managing casework to ensure cases are completed and returned within deadlines and within budgeted time
- Developing examination remits based on each cases specific requirements to ensure a product that meets the client's needs
- Good understanding of ACPO guidelines and why these important rules are designed to keep evidence forensically and legally sound.
- Security cleared to UK Government SC level
- Back up and restore of casework using Veritas software and tape libraries
- Ability to build and maintain computers
- Aptitude in programming
- Understanding of networks – EtherChannel and DHCP servers.
- Good understanding of Windows 10 –

Qualifications

Working towards a BSc in Computer Studies at Birmingham University with a predicted grade of first-class honours.
- In house training at Commissum to include;
    1. Device extractions
    2. SIM Card extractions

3. Memory card Imaging
4. Reporting (Evidential, Intel & Streamlined Forensic Reports)
5. ACPO and Forensic Science Regulator principles
6. Forensic Analysis

Morgan Davies – Digital Investigator (Mobile)

Background

Formerly a Mobile Device Analyst for CCL, Morgan joined Commissum DFIR in August 2022 as a Digital Investigator for the Digital Unit's Mobile device department.

Technical and Commercial Expertise

Sam is experienced in the triage, extraction and analysis of a mobile devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards (ISO9001 and ISO17001).

Skills include;

- Day to day use of Cellebrite UFED Touch 2, Cellebrite Physical Analyser, Forensic Toolkit, FTK imager, XRY, X-Ways Forensics and EnCase.
- Writing forensics reports
- Timely and clear communication with clients and teammates
- Independently managing of casework to ensure cases are completed and returned within deadlines and within budgeted time
- Developing examination remits based on each cases specific requirements to ensure a product that meets the client's needs
- Good understanding of ACPO guidelines and why these important rules are designed to keep evidence forensically and legally sound.
- Security cleared to UK Government SC level

Qualifications

BSc Forensic Computing
- In house training at CCL to include;
  1. Device extractions
  2. SIM Card extractions
  3. Memory card Imaging
  4. Reporting (Evidential, Intel & Streamlined Forensic Reports)
  5. ACPO and Forensic Science Regulator principles
  6. Forensic Analysis
  7. SQLite (Database queries)

National accredited Grader

Priest Obayelu – Digital Investigator (Mobile)

Background

Formerly a Mobile Device Analyst for CCL, Priest joined Commissum DFIR in November 2022 as a Digital Investigator for the Digital Unit's Mobile device department.

Technical and Commercial Expertise

Priest is experienced in the triage, extraction and analysis of a mobile devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards (ISO9001 and ISO17001).

Skills include;

- Analysis of mobile devices in accordance with ACPO guidelines
- In-depth understanding of mobile device systems and databases Completed Mobile Device Lab bootcamp training for both extraction and analysis.
- Working with different Mobile device operating systems (iOS, Android, Series 30+, Windows Phone)
- Experience in Mobile Phone repair on Android and iOS devices including Screen replacements, battery replacements etc
- Working with commercial forensic tools Cellebrite (UFED Touch and Physical Analyser, XRY, FTK etc)
- Mentoring junior analyst's
- Writing witness statements, reports and generating data to a standard that can be presented in court.
- National Accredited Grader
- Communicating any case specific technical details to clients, coordinators, and management
- In depth knowledge of mobile device OS systems.
- Keeping up to date with case deadlines and providing updates in regards.
- Adhering to and assisting in the maintenance of ISO standards.
- Security cleared to UK Government SC level

Qualifications

Cambridge Technical in IT Extended Diploma: D*DD (Distinction*, Distinction, Distinction)

BTEC Applied Science Subsidiary Diploma: D (Distinction)

- In house training at CCL to include;
    1. Device extractions
    2. SIM Card extractions
    3. Memory card Imaging
    4. Reporting (Evidential, Intel & Streamlined Forensic Reports)
    5. ACPO and Forensic Science Regulator principles
    6. Forensic Analysis
    7. SQLite (Database queries)
    8. National accredited Grader

Rhys Grant – Digital Investigator (Mobile)

Background

Formerly a Mobile Device Analyst for Sytech, Rhys joined Commissum DFIR in January 2023 as a Digital Investigator for the Digital Unit's Mobile device department.

Technical and Commercial Expertise

Rhys is experienced in the triage, extraction and analysis of a mobile devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards (ISO9001 and ISO17001).

Skills include;

- Analysis of mobile devices in accordance with ACPO guidelines
- In-depth understanding of mobile device systems and databases
- Working with different Mobile device operating systems (iOS, Android, Series 30+, Windows Phone)
- Experience in Mobile Phone repair on Android and iOS devices including Screen replacements, battery replacements etc
- Working with commercial forensic tools Cellebrite (UFED Touch and Physical Analyser, XRY, FTK, EnCase, Axiom, Griffeye and Semantics etc)
- Mentoring junior analyst's
- Writing witness statements, reports and generating data to a standard that can be presented in court.
- National Accredited Grader
- Communicating any case specific technical details to clients, coordinators, and management
- In depth knowledge of mobile device OS systems.
- Keeping up to date with case deadlines and providing updates in regards.
- Adhering to and assisting in the maintenance of ISO standards.
- Security cleared to UK Government SC level

Qualifications

BSc (Hons) Forensic Computing – *Birmingham City University*

- BTEC Extended National Diploma in IT level 3   D*D*D*
- 10 GCSEs (or equiv) grade A-C including Mathematics, English & ICT
- National accredited Grader

Elliot Edmonds – Digital Investigator (Computer)

Background

Elliot came to EFS and now Commissum DFIR after graduating from Birmingham City University. He is confident handling digital and mobile devices in a forensically sound manner and applying analytical techniques to gather information utilising various forensic tools. He has experience in producing advanced forensic reports and documenting evidence following the chain of custody. I am knowledgeable on the importance of the ISO17025 standard and the legal requirements when investigating.

Technical and Commercial Expertise

Elliot's skills include;

- Utilising Forensic Tools such as FTK Imager, EnCase, WinHex, and XRY.
- File system analysis, including FAT16, FAT32, exFAT, NTFS.
- Logical data recovery using proprietary and open-source hardware and software.
- Ability to investigate, recover, and examine digital evidence from digital/mobile devices.
- Ability to perform acquisition, analysis and interpretation of evidence gathered from wired and wireless network computers and storage systems.

Qualifications

BSc (Hons) Computer Forensics *Birmingham City University*

- Computer Systems and Development   BTEC Level 4 Higher National Certificate
- Creative Computing and IT   BTEC Level 3 Subsidiary Diploma
- Bod Solon Training –Excellence in report writing and expert witness

Tyrell Clarke, Digital Investigator (Computer)

Background

Formerly a PC Analyst for CCL, Tyrell joined Commissum DFIR in August 2022 as a Digital Investigator for the Digital Unit's Computer department.

Technical and Commercial Expertise

Tyrell is experienced in the triage, extraction, processing and analysis of PC devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards (ISO9001 and ISO17001).

Skills include;

- Forensic Examination of PC exhibits to include using tools such as as Axiom, X-Ways, FTK Imager, Paladin, Digital Collector and Griffeye to create forensic images of exhibits, Processing and analysing forensic artefacts and reporting findings through Technical reports, SFRs and Witness statements
- Writing forensics reports
- Timely and clear communication with clients and teammates
- Independently managing of casework to ensure cases are completed and returned within deadlines and within budgeted time
- Developing examination remits based on each cases specific requirements to ensure a product that meets the client's needs
- Good understanding of ACPO guidelines and why these important rules are designed to keep evidence forensically and legally sound.
- Security cleared to SC level.
- PowerShell and Batch scripting
- O365 / partial azure AD administration
- On premise server Administration 2008 R2-2019 (DNS, DHCP, Group policy, AD architecture)
- Networking and Switching (TCP/IP OSI Model)
- Knowledge of Network and device Storage File systems and file formats.

Qualifications

BSc Forensic Computing and Security
- In house training at CCL;
- CompTIA Security +
- BCS Foundation Certificate Business Analysis
- ITIL V4 Foundation

Jayden Audley, Senior Investigator (Computer)

Background

Formerly a PC Analyst for CCL, Jayden joined Commissum DFIR in September 2022 as a Senior Digital Investigator for the Digital Unit's Computer department.

Technical and Commercial Expertise

Jayden is experienced in the triage, extraction, processing and analysis of PC devices whilst complying with the ACPO Guidelines and adhering to ISO17025 and Codes of Practice and Conduct along with other ISO standards (ISO9001 and ISO17001).

Skills include;
- Use of specialist forensic software such as X-Ways, Axiom, EnCase, FTK, Blacklight (Digital Inspector), MacQuisition (Digital Collector), XRY and CelleBrite.

- Highly developed written and oral communication skills.
- The use of databases to track exhibit statuses
- Analysis of complex data sets,
- Writing reports based on forensic findings to be used in court
- Assisting with client's requests
- Supporting clients onsite with device triage and data extraction
- Security cleared to UK Government SC level

Qualifications

BSc (Hons) Forensic Computing

- HND Computing and Systems Development
- HNC Computing and Systems Development
- Bond Solon (2017): Courtroom Skills Training (Expert Witness)
- AccessData (2018): FTK Bootcamp, FTK Intermediate, Internet Evidence