

### Senior Digital Forensic Analyst

District/Department	SCS – digital forensics unit	Rank/Grade	Band E
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Role purpose:	To provide support to Police Investigations by securing and retrieving data from digital devices in accordance with national guidelines, utilising forensic software and techniques.
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Key Accountabilities:
<p>Secure and retrieve data from digital devices and their peripheral items in accordance with national guidelines, utilising proprietary and bespoke software, in order to effect the arrest and conviction of those using computer equipment to commit crime.</p> <p>Analyse and interpret complex data extracted from digital devices, acting as a Force expert in this field.</p> <p>Process the recovered data into a form suitable for investigations to examine for evidential content</p> <p>Examine the processed data in accordance with best practice and produce resulting information in a form which can be readily understood and evaluated</p> <p>Produce clear, concise reports relating to information recovered from digital devices, providing expert interpretation</p> <p>Assist officers as appropriate in the execution of search warrants and provide expert advice and guidance on the correct methods of seizing and removing digital devices and other internet enabled equipment</p> <p>Conduct testing of scenarios involving digital devices to assist in proving or disproving accounts provided by suspects, victims or witnesses</p> <p>Provide supervisory support to the Digital Forensic Analysts, including staff management.</p> <p>Mentor other staff within Digital Forensics, specifically those within the Digital Forensic Analyst role, progressing through their continuous professional development and progression plan set out by the Digital Forensics Manager.</p> <p>Present evidence in Court in a clear and comprehensible manner.</p> <p>Give presentations and briefings as appropriate, in order to fully support investigations and to officers on matters relating to Digital Media Investigations.</p> <p>Develop and maintain expert, up to date technical knowledge of both general and digital forensic procedures. Keeping abreast of developments within the industry in order to secure the success of future investigations and to develop the unit.</p> <p>Any other duties commensurate with the grade of the post.</p>
Competencies/behaviours
<p>Please access the College of Policing website and refer to the <b>Competency and Values</b> for a definition of the values and essential behaviours for each required competency level.</p>

<b>Competency</b> <a href="https://profdev.college.police.uk/professional-profile/digital-media-investigator/">https://profdev.college.police.uk/professional-profile/digital-media-investigator/</a>	<b>CVF Level</b> <b>Level 1 – Practitioner</b> <b>Level 2 – Supervisor/Middle Manager</b> <b>Level 3 – Senior Manager/Executive</b>
We are emotionally aware	Level 1
We take ownership	Level 1
We are collaborative	Level 1
We deliver, support and inspire	Level 1
We analyse critically	Level 1
We are innovative and open-minded	Level 2
<b>Core values for ALL employees:</b>	
Integrity Impartiality	Public Service Transparency

<b>Experience, Education and Skills: Ideally between 4 and 6 of each</b>
<b>Essential:</b>
OCF Level 6 (degree) in a relevant qualification or equivalent industry training
Extensive practical application of examining and analysing digital devices to an advanced level, beyond automated processes and decoding any data extracted
Excellent understanding of IT hardware /software, including PC architecture, maintenance, operation, connectivity, builds and networking
A thorough understanding and practical application of the relevant digital forensic guidelines and legislation, as a minimum but not limited to; ACPO Guidelines for Computer Based Electronic Evidence, Regulation of Investigatory Powers Act, Human Rights Act, Criminal Procedure and Investigations Act
Experience of analysing, interpreting and providing opinion on complex data extracted from digital devices and presenting findings in a report that can be understood by the applicant, Judge and Jury
Thorough knowledge and understanding of Policing procedures and the Court process, including dealing with CPS, Counsel and Criminal Courts in matters relating to digital evidence
Awareness and knowledge of ISO standards and how they will impact the Digital Forensics Unit
Experience of decision making in a high pressure environment, with accountability for decisions made
Ability to exercise a high degree of confidentiality
Previous supervisory experience
Awareness of other departments and how they can support/impact on Digital Forensic Investigations, such as Communications Data and Radio frequency Propagation
<b>Desirable:</b>
Attended relevant Core Skills and vendor specific courses to an advanced level
Working knowledge of writing scripts and the ability to code small utilities/tools
Possess a working knowledge of TCP/IP technology, with particular reference to computer network/internet vulnerability and hacking techniques