

Digital Forensic Specialist

Department: Justice and Home Affairs

Division: States of Jersey Police

Reports to: Head of Digital Forensics Unit

JE Reference: JHA1120

Grade: CS11

JE Date: 06/03/2023

Job purpose

To promote and secure highly confidential and sensitive data for complex criminal cases. Present key subject matter expertise in highly politically, complex and sensitive data matter. As a subject matter expert in various and complex matters present and explain impartial technical expert evidence within courts of law in Jersey and abroad, assisting the judiciary in making informed decisions in all types of criminal and civil cases.

Working across States of Jersey Police, Law Officers' Department, Policing UK and Interpol and other jurisdictions on highly confidential cases. You will promote, improve and secure digital evidence to protect the community and our most vulnerable citizens.

Job specific outcomes

Within a small multi-disciplinary forensic and criminal investigation team, the forensic analyst is responsible for maintaining and developing integrity and resilience within Jersey and internationally providing the following functions:

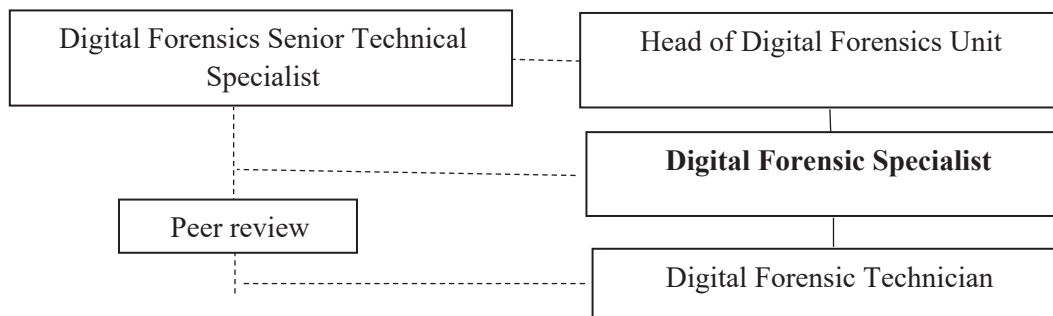
1. Manage, monitor and carry out comprehensive forensic examinations of any digital device or computer network forming part of a criminal investigation, working and prioritising incidents based on urgency and risk across all SOJP departments, other States departments (e.g. Customs and Immigration) together with Law enforcement agencies based outside Jersey.
2. Prioritise, locate and secure evidence from networks, online accounts and cloud-based systems, working with witnesses and victims of crime where necessary. Perform network and Internet based investigations, which may include generating intelligence or performing covert investigations.
3. Manage and prioritise investigations based on urgency and risk, maintaining continual communication with all stakeholders to manage expectations.

4. Ensure Jersey maintains its ability to solve complex crimes involving digital devices, through research and development, training, knowledge sharing and forging trusting relationships with overseas agencies and leading subject matter experts.
5. Develop and maintain the department's technical capabilities and support the wider forensic community through the creation of new and innovative forensic software tools and continued development and maintenance of existing in-house software systems and databases.
6. Attend and participate in interviews with suspects and/or witnesses, providing technical support and knowledge to the interview process.
7. Prepare and present technical evidence in the form of reports, witness statements and oral testimony to a wide range of audiences, including case officers, partner agencies, overseas law enforcement agencies, Industry, legal advisers and members of the judiciary.
8. Attend court at both home and abroad, to present and explain complex technical evidence in a form which can be readily understood and evaluated. Stand as an Expert Witness, providing personal opinion and advising the Court on all relevant technical aspects of the case.
9. Line manage and provide day-to-day oversight of the two Forensic Technicians, managing their workload and peer reviewing their output to ensure compliance with the relevant legal frameworks. Provide support, coaching and mentoring to assist with their personal development and to ensure they are operating at a high standard.
10. Maintain a thorough understanding of the latest advancements in technology at both a software and hardware level across a wide range of devices to ensure that all potential sources of digital evidence are explored.
11. Develop new strategies, policies and best practice guidance for dealing with new and emerging technologies to ensure the success of future criminal prosecutions.
12. Respond and provide guidance to digital threats against Jersey's Critical National Infrastructure.
13. Own one of the core DFU critical areas, which includes the development, maintenance and implementation of applicable policies and procedures. These areas include the network infrastructure and security, the management, storage and retention of sensitive data and the management and procurement of all departmental assets.
14. Lead investigations involving other technical specialists and investigators, managing all technical aspects of the investigation, from capture to courtroom.

Statutory responsibilities

Active engagement, participation and compliance with any other statutory responsibilities applicable to the role, as amended from time to time. This role has specific legal obligations in terms of providing evidence on oath for every criminal investigation. The officer is required to provide sworn witness statements.

Job s OrgaPnisation chart



Person Specification

Specific to the role

ATTRIBUTES	ESSENTIAL	DESIRABLE
Qualifications	<p>A degree or equivalent</p> <p>Required to hold or be working towards an RQF Level 7 forensic computing or cyber security related professional qualification.</p> <p>Formal certified training in one or more forensic COTS products.</p> <p>Demonstrable aptitude for and experience of Computer Science, Cyber Security and STEM subjects.</p>	<p>Level 3 Certification relevant to performing Internet based investigations.</p> <p>Formal training in Police Interview techniques.</p> <p>Formal witness skills training.</p>

	Member of a relevant professional body, such as the British Computer Society or Chartered Institute of Information Security.	
Knowledge	<p>Background in Digital Forensics or cyber security with experience working across multiple different disciplines, including computer forensics, mobile forensics and cyber security investigations.</p> <p>Demonstrable deep technical knowledge and specialism in computer forensics, mobile forensics or network forensics with sufficient experience and the broad knowledge to perform forensic examinations across any of the different digital forensic disciplines.</p> <p>Computer server and networking knowledge to allow the maintenance, administration and securing of DFU systems.</p>	<p>Knowledge of PPACE legislation that governs Police Powers and procedures whilst investigating crime.</p> <p>Comprehensive understanding of RIPL legislation in particular how it relates to both intrusive surveillance and property interference.</p>
Technical / Work-based Skills	<p>The highly technical expertise to perform in-depth complex forensic examinations of devices, together with the technical competency to undertake work in other IT related areas as required.</p> <p>Exemplary problem-solving and analytical skills with a structured and logical approach, which can be applied to a diverse range of scenarios.</p> <p>Can demonstrate a wide range of technology skills with the ability to operate a variety of systems and specialist software applications.</p> <p>The ability to identify, link and assimilate evidence from a wide variety of digital and non-digital data sources as part of complex digital investigations.</p> <p>Full driving license.</p>	

<p>General Skills/Attributes</p>	<p>Excellent communication and written language skills to ensure that highly technical information is delivered in an understandable way to a wide range of audiences.</p> <p>Excellent planning and organisational skills to manage a dynamic workload efficiently, reacting rapidly to changing priorities within a high-pressure environment.</p> <p>Ability to act independently with a high degree of autonomy and without supervision. Independently making crucial decisions on the direction of an investigation with accountability.</p> <p>Confidence and credibility to present Expert testimony in courts, both within Jersey and abroad, on complex, sensitive and technical cases. Skills to defend, reason and justify effectively whilst under cross-examination from defence teams and other technical experts.</p> <p>Create, present and deliver training material to both technical and non-technical audiences.</p> <p>Strong interpersonal skills with the ability to mentor and impart knowledge effectively.</p>	
<p>Experience</p>	<p>A minimum of five years' experience working as a forensic practitioner or a cyber security investigator within a multi-disciplined environment.</p> <p>Experience reporting and providing advice at both a technical and non-technical level directly to key stakeholders.</p> <p>Management experience in a relevant related field.</p> <p>The post holder must have relevant Court experience or be able to demonstrate their ability to deliver evidence as an Expert Witness.</p>	

<p>Criteria relating to Safeguarding</p>	<p>Exposure to unsavoury, confidential and sensitive issues where the careful and effective handling of such matters is essential.</p> <p>Maturity and stability to cope with assessing distressing picture and movie files of a sexual, violent and degrading nature, often involving children.</p> <p>Requirement to attend scheduled welfare checks</p> <p>Requirement for high levels of integrity, tact, resilience and discretion, which are essential when dealing with sensitive intelligence and other information.</p>	
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Core Accountabilities, Attributes and Behaviour Indicators

Appointees to this role will be required to adhere to and perform their duties in line with the standards identified in the States of Jersey tier 4 core accountabilities attributes and behaviour indicators.