JOB DESCRIPTION

Job Title: Digital Technical Developer (SEROCU)	**Location:** South East Organised Crime Unit (SEROCU)
Job Family: Technical Support	**Role Profile Title:** BB4 Police Staff
Reports To: Detective Sergeant, Supervisor	**Band level:** 4T
Staff Responsibilities (direct line management of): Nil	

a. **OVERALL PURPOSE OF THE ROLE**: Defines the role, put simply, why it exists.

The overall purpose of the role is to: Provide specialised software/hardware development, technical services and expertise in respect of research and development of new/emerging techniques and tactics to support the ROCU capabilities and forces within the South East Region. To provide software/hardware technical support and expertise to the Digital Development officers and staff.

b. **KEY ACCOUNTABILITY AREAS**: Define the important aspect of the role for which the job holder is responsible for results or outcomes.

The key result areas in the role are as follows:	*% time*
1. Carry out research, development, planning and preparation of software, techniques and equipment to counter the Threat, Risk and Harm posed by serious and organised criminals and individuals use of digital techniques to commit serious crime. Develop risk assessments, method statements and technical feasibility studies. Employ a variety of advanced (software and hardware) techniques.	50
2. Support operations into serious and organised crime operations by the deployment of sensitive technical equipment in response to operational and time critical situations in a wide range of urban and rural environments in a covert nature. (A detailed feasibility report and risk assessment will need to be written for each deployment).	20
3. Maintenance, repair and testing of all technical equipment and related IT systems so it can be used in the gathering of intelligence and evidence to support the investigative process, nationally, regionally and locally.	10
4. Ensure all work is carried out within the requirements of the legal framework so as to be useable in the law enforcement and legislative process. Facilitate the means to procure expert and professional evidence from technical surveillance equipment. Handle and prepare the product so that it is suitable for use in a court of law and attend to provide expert testimony if required.	5
5. Analyse and assess all Authorities received to verify the correct level of endorsement for the equipment requested. Liaise with ACPO, Regional Confidential Units and Force Authority Bureau to ensure compliance with current legislation and in relation to the equipment used.	5
6. Provide guidance, technical support and training in the installation and use (all customers) of technical equipment for deployment either by the role holder or other designated staff/officers.	5
7. Complete administration procedures – records, input to databases, etc to ensure compliance with RIPA, IP Bill and national standard operating procedures.	5

c. **DIMENSIONS**: Include matters as key result areas that make the greatest demands on the role holder, seasonal pressures, items processed, the number of customers and/or level of authority to make financial decisions or commit other resources.

Further Comments:

The role requires a high level of technical skill in software and hardware. It is likely that the role holder will have a greater knowledge and skill set than their peers and supervisors. As such they would be able to influence people and operational activity greatly and be given independence regarding decision making and management of their own activities.

The role holder will overlap and blend ICT skills within the investigation of crime and intelligence gathering, they will need to have a good understanding and knowledge of a very specialised and fast changing environment, where there are few experts.

Activities are determined by the operational imperatives, defined as major incidents and serious organised crime requiring specialist support. The range and scope of role will require engagement across local, regional, national and international problem profiles. The response times for a task are determined by operational imperatives and the post holder will be expected to meet all reasonable deadlines to maintain departmental and organisational effectiveness and reputation. All operations will be conducted in compliance with the relevant professional practice guidance.

Will be working in a fast moving and changing environment. Must be willing to travel and work in other parts of the UK at short notice. Requirement to travel regionally and nationally to achieve this.

d. **CHARACTERISTICS OF THE ROLE**
Expertise: Concerned with the level of administrative, professional and/or technical expertise (knowledge and skills) needed to perform the role effectively; may be acquired through experience, specialised training, and/or professional or specialist education and training.

The knowledge or skills required in the role are as follows:	*E/D*
1. Proven ability to work in a secure and confidential environment with the highest standards of integrity; able to recognise sensitive information and maintain discretion and confidentiality at all times.	E
2. Graduate degree (or higher) in Computer Science, Electronics, Radio, Telecommunications equivalent technical degrees or relevant industry experience. Must be able to demonstrate up-to-date knowledge of relevant technologies with proven use of computer technology, software packages, constructing and modifying electronic equipment, video, audio, photographic and Electrical/Electronic work.	E
3. Proven ability to successfully develop computer software and have an understanding of development methodology. Must be able to demonstrate identifying software requirements, ability to design software, ability to write and develop scripts and code. Must have a good understanding of testing and quality assurance and have the ability to implement a testing framework.	E
4. Proven ability to work remotely, with excellent communication skills and the ability to effectively liaise with a wide range of people, at all levels, and across other Forces.	E
5. Must be able to demonstrate a working knowledge of Information Communication Technology and be able to evidence provision of successful practical technical solutions to complex problems.	E
6. Proven ability to work on own initiative and experience of working effectively within a team.	E

7. Must have capability to travel to different locations across the SEROCU region (Sussex, Surrey, Hampshire and Thames Valley) and any other part of the UK and Europe as directed and undertake all assignments in a timely manner. Due to the requirement to work flexibly, unsocial hours and personal safety for lone working; public transport may not be available or suitable at these times. For this reason a full UK driving licence is considered essential as is the requirement to undertake and pass the Police Basic Driving Assessment to enable the use of a police authorised vehicle *.	E
8. Expertise and experience in computer network, system administration.	E
9. Previous experience of working in a security conscious environment with secret and confidential material. Understanding of handling and movement of such documents and able to recognise and deal appropriately with sensitive information.	E
10. Able to demonstrate an understanding of relevant legislation e.g. Data Protection, MOPI, CPIA, RIPA, IP Bill etc.	D
11. Expertise and experience in: • Telecommunication Systems • Digital Forensics • Scripting languages such as Php, Python, Javascript, Ruby, Perl, VBScript • Programming languages such as C,C++,C#, SQL, Java • Web Development • Windows and Linux Operating Systems • Development Computers such as Raspberry pi and Arduino • Database Architecture • Cryptography	D