



Job Description

<u>Role Title</u>	Technical Developer		
<u>Business Group</u>	Engineering and Operations, Security Systems		
<u>Job Family</u>	Design Engineer		
<u>Job Purpose</u>	<p>Hanslope Park based role providing technical engineering expertise to an R&D team, working closely with Security Systems Installers, Design Team, and UK NACE.</p> <p>The successful candidate will research, analyse, develop, deploy and assist in the support of the diverse range of systems. The working to satisfy the FCDO's strategy for technical security.</p> <p>The role holder will work closely with the lead designers/technical architect to design, develop and deploy at pace. As such the successful candidate should demonstrate a high level of technical competence in both security and IT systems with a strong desire to learn and apply innovative thought to issues.</p> <p>Reporting to a lead Developer you will form an integral part of the team with opportunities to lead smaller work packages and contribute towards larger ones.</p> <p>Flexible in your approach to tasking, and willing to travel in the UK and Overseas if the opportunity arises.</p> <p>You must have a working understanding of IP Networking, Intruder Detection Systems (IDS), CCTV and Access Control Systems (ACS).</p>		
<u>Organisation Chart</u>	FCDO Services Security Systems – Lead Technical Architect (TPB6) – Lead Developer (TPB5) – Technical Developer (TPB4)		
<u>Date Updated</u>	08/03/2024	<u>Grade</u>	TPB4

KEY ACCOUNTABILITIES

- Working with Lead Developers to prepare designs and specifications to meet the customer's requirements as documented in their Schedule of Requirements
- Use technical security knowledge to give advice to Project and Programme Managers during the course of the project delivery
- Produce documentation that will assist the project in producing a secure and accredited solution
- Provide security solutions that enable the Project to meet customer business requirements.
- Provide assistance to UKNACE and support teams in incident investigation.
- Manufacture and build experimental systems for use in R&D projects
- Provide assistance to the security programme and stakeholder when defining the requirements of security systems. Assist in the design process
- Assist cost engineering and bid teams by providing technical detail so that accurate proposals and estimates can be produced
- Support the Security System Design teams by guiding them on integration requirements.
- Maintain own professional development and knowledge, by attending trade shows, visiting manufacturers and researching the latest technologies

QUALIFICATIONS, KNOWLEDGE & EXPERIENCE*Essential:*

- Level 3 qualification in Electronic engineering
- Practical skills and experience of support, installation or development of security systems in the UK and overseas.
- Strong oral and written communication skills. Experience writing technical submissions and documents
- Experience working effectively in small teams
- Produce drawings using CAD software
- Ability to liaise with external suppliers to understand and interpret technical specifications and requirements.
- Motivated and able to work on own initiative and as part of a team
- Working knowledge of IP networks and network equipment, Intruder Detection Systems, Access Control Systems and CCTV systems
- A desire to develop current skills and learn new skills.

Desirable:

- Knowledge of product development, technical design and prototyping
- Experience of securing assets in high threat environments.
- Knowledge of data processing and analytical techniques.
- Good understanding of electronics.
- Software development experience.
- Database administration/development experience.

OFFICIAL

CIVIL SERVICE BEHAVIOURS

Top three for job:

Communicating and Influencing
Managing a Quality Service
Delivering at Pace

SUCCESS INDICATORS

Success measured and evidenced by:

- Products produced to the satisfaction of the customer.
- Technical documentation accurately produced and maintained.
- Support Delivery teams as required with technical security systems overseas.

<u>Budget and Authority</u>	Working within project budget guidelines. No Authority.
<u>Reports to:</u> <u>(Role Title and Grade)</u>	Lead Technical Developer
<u>Direct Reports:</u> <u>(Number and grades of staff)</u>	None