**ROLE PROFILE**

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| **Role Title:** | | Technology Architect | **Leadership level:** |  |
| **JRN:** | | 20935 | **Job family:** |  |
| **Band:** | | 11 | **Location:** | Agile |
| **Allowances:** | | As per contract | **Politically restricted:** | No |
| **Department:** | | Digital Policing | **Vetting level:** | RV |
| **Reporting to:** | | Enterprise Architect | **Date Published:** | September 2022 |
| **Posts responsible for:** | | None | | |
| **Part A – Job Description** | | | | |
| **Overall purpose of the role:** | | | | |
| Provide architectural and “big picture” oversight for the design and implementation of infrastructure and Technology architectures across the Force, ensuring solutions adhere to the Digital Policing National and Local infrastructure & technology principles.  Operating autonomously to set direction and define the future technology and application state, commissioning principles and policies and provide oversight and architectural governance. | | | | |
| **Key responsibilities of the role:** | | | | |
| **1** | Accountable for the development of the integrated long term Infrastructure and Technology Blueprint Plan and Enterprise Technology Roadmap developed to underpin the force strategic priorities. | | | |
| **2** | Accountable for the development and implement of the overarching Enterprise Technology standards. | | | |
| **3** | Make decisions independently Influence the strategic technology decisions through feedback and collaborative working with all relevant Architects (Process, Application, Technology, Platform, Infrastructure and Solutions). | | | |
| **4** | Lead and influence other architecture domains and delivery teams to ensure effective and sustainable use of Technology within projects and initiatives. | | | |
| **5** | Provide technical coaching and development of colleagues to create resilience and succession. | | | |
| **6** | Identify and drive opportunities for innovation through existing or future Technology capabilities. | | | |
| **7** | Collaborate with Regional and National Partners to ensure optimal solution delivery and improved secure. | | | |
| **8** | Lead and influence the exploitation of Technology with partner organisations to explore opportunities for collaboration, and the provision of efficient and effective Digital Policing Services. Use their knowledge and experience to provide internal consultancy on the risks and opportunities of how technology will be used and its implication on people, processes. | | | |
| **9** | Provide internal consultancy and advice on innovation and the impact of technology resulting from business, legislative, political and wider criminal justice changes, assisting in preparing the Force Strategic Plan to achieve overall Force strategic objectives. | | | |
| **10** | Stay Current by participating in forums at regional and national level to inform the development of Digital Policing Network and infrastructure technology strategy to achieve harmonisation and integration of key business systems across police forces, criminal justice and other agencies. | | | |
| **11** | Influence and advise the Chief Officer team and PCC, as requested, on developments in related technology. | | | |
| **12** | As part of the Digital Policing Architecture Practice monitor key operational infrastructure and technology solution, drive continuous improvements and deliver the Digital Policing strategy. | | | |
| **13** | Collaborate, engage and build positive relationships with customers, clients, stakeholders and partners to understand their needs, priorities and how Technology can support the realisation of these needs. | | | |
| **14** | Accountable for enforcing operational Technology governance and assurance across projects, IT solutions and operational IT services | | | |
| **Part B – Scope of contacts** | | | | |
| **Internal / External relationships:** | | | | |
| **Internal:** Chief Information Officer, Enterprise Practice, Heads of Dept and Area Commanders, allocated members of Procurement and Finance, IMD, FTT  **External:** Regional Technology Architecture leads (both for Police and Non-Police organisations), Suppliers, SROs and Programme/Project managers for national projects, Members of national steering and project boards | | | | |

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| **Part C – Competencies and Values** |
| **Northumbria competencies and values framework (NCVF)** |
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| **Part D – Continuous Professional Development (CPD) role 6 months** | |
| **First 6 months** | |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| **12 months and beyond** | |
| 5 |  |
| 6 |  |
| 7 |  |
| 8 |  |

**Part E - PERSON SPECIFICATION**

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| **Criteria** | **Essential** | **Desirable** | **How to be assessed** |
| Qualifications, knowledge and experience | Educated to degree level (or equivalent relevant experience).  Demonstrable experience of defining, leading and implementing Enterprise Technology Governance and Principles  Detailed knowledge of infrastructure and technology architectures  Detailed understanding of enterprise and functional modelling  Understanding of architectural roles, domains, methodologies and design strategies.  Operational experience of Disaster Recovery, Data Centres, Wan, Lan Networks, Telecommunications, Physical and Virtual servers, Storage and End User Computing.  Knowledge of EA Methodologies e.g. TOGAF, Spowart, Zachman or equivalent  Working understanding of Cloud strategies and enterprise cloud computing | An understanding of the social, economic and political environment that the police operates within.  Knowledge of and a good understanding of the current national ICT programmes  Public sector commercial knowledge  BCS, TOGAF or equivalent certification in Enterprise and Solutions Architecture  Experience of working within an Enterprise Architecture Practise | Application/interview/  CPD |
| Planning and organising | Demonstrable experience of managing and leading the performance of large IT suppliers.  Appreciation of service continuity planning and IT security. | Demonstrable experience of managing and leading an ICT Department | Application/interview/  CPD |
| Problem solving and initiative | Ability to see the strategic landscape and exploit opportunities for both technology and the wider organisation.  Evidence of strategic awareness, creativity and innovation.  Extensive experience of running a mission critical, 24x7 IT department supporting multiple locations and including telephony and radio communications, preferably in an emergency services environment.  Creativity and lateral thinking.  Highly motivated and self-reliant with a personal drive for continuous development and demonstrates a strong customer service ethos.  Proven analytical and problem-solving abilities.  Experience of strategy development & technology road-mapping. |  | Application/interview/  CPD |
| Management and teamwork | Experience of undertaking technical leadership for a team of senior technical roles, providing direction and influence to ensure completion of activities.  Demonstrable experience of leading and developing multi­disciplinary technical teams.  Good experience of programme and project management methodologies and structures. |  | Application/interview/  CPD |
| Communicating and influencing | Strong customer and stakeholder engagement skills and experience, both within and outside of Northumbria Police.  Extensive experience of writing strategy documents, complex business cases and presenting to senior stakeholders.  Excellent interpersonal, written and oral communication skills.  Ability to absorb complex technical information and communicate effectively to all levels, both technical and non-technical audiences. |  | Application/interview/  CPD |
| Other skills and behaviours | Experience of developing and maintaining effective internal and external relationships at senior levels within an organisation (e.g. Directors, Tier 2s).  Has a deep understanding of the IT industry and the implications of emerging technologies for the wider business environment  Keeps themselves up to date on current developments.  Operating autonomously in line with agreed financial and technical boundaries.  Highly motivated and self-reliant with a personal drive for continuous development and demonstrates a strong customer service ethos. |  | Application/interview/  CPD |