

Solution Architect

Introduction

Salary: Salary Negotiable + Benefits

NCL is a specialised digital consultancy and managed-services provider for the public and private sectors. For over a decade, we've developed a strong reputation amongst our customers and partners, and we are very proud to have provided continuous IT support to the MoD for over 12 years.

We have a great opportunity for a Solution Architect (DV cleared) with Defence experience to join NCL on a permanent basis.

You will be part of the Management Escalation Team providing on-call support to the delivery programme (pattern is based on 1 week on call in every 4).

The Solution Architect will be part of a team of solutions architects that are responsible for working closely with our MOD customer to fully understand their existing solution architecture.

This will also include a detailed understanding of the technologies that deliver the service and where they integrate into the wider environment to identify improvements that can be realised to deliver service, cost and build efficiencies without compromising on the overarching solution.

The Solution Architect will be responsible for creating and maintaining all design documentation in line with MOD standards.

Solution Architect Responsibilities

- Conducting regular design reviews
- Responsible for ensuring that technical designs are assured for MOD within all Security domains
- Produce technical design roadmaps that aligns with MOD strategy
- Produce technical architectures which balance service quality, operational and systems management requirements.
- Work closely with vendors to create cost models for technical capability
- Maintain currency with JSP Standards and ensure changes are briefed to relevant stakeholders within the Service Delivery Team
- Liaison with the MODs MSP & Gov't Agencies community to provide technical coherence
- Produce technical solutions to solve given problems, in line with a defined Service Strategy.
- Works closely with the SMEs to ensure the proposed solutions are technically viable, in line with industry best practices and to estimate the time involved in completing specific taskings
- Produce cost effective technical solutions which minimise IT exposure and risk for the Service Management Capability and the live MOD environment.
- Contribute to the development and maintenance of design principles and standards in line with DAIS and CESG policy.
- Works closely with the SAC to find opportunities where accreditation limitations can be questioned with the aim of optimising the equipment required to support integration with connected systems

- Provide continuity between Run & Maintain and Build team designs
- Maintaining an active training log for all vendor hardware and software

Solution Architect Key Accountability

- Provide detailed specifications for proposed solutions.
- Manage and maintain existing design documentation. Creating and Maintaining design documentation (HLD, LLD etc.)
- Supporting Authority governance meetings relating to Design, System and Configuration changes
- Working with the MOD to own the design on behalf of the customer, ensuring all designs and changes are fully endorsed by the MOD stakeholders and relevant Governance Boards.
- Supporting Lessons Identified workshops to suggest approaches, techniques and tooling that can introduce service and build efficiencies
- Creating data off-boarding processes
- Supporting and reviewing site surveys for customer deployments

Person Specification

- Reports to the Technical Director
- DV Clearance
- Confident, articulate, with excellent presentation skills to stakeholders and suppliers
- Computer Science degree or equivalent experience
- High standards of professionalism, integrity and confidentiality
- Able to work on own initiative with limited direction and supervision
- Extensive experience working within Defence, including understanding of the Defence Digital ways of working
- Extensive knowledge of JSP440 and JSP604
- Proven record of working with multiple internal and external stakeholders to deliver and maintain complex IT systems
- An understanding of MOD communications and delivery systems
- An understanding of switching, routing, Intrusion detection/protection, load-balancing, firewall, packet brokering and diode technologies
- An understanding of virtualisation technologies, micro-segmentation and VDI infrastructure
- Able to deliver to customer deadlines
- PM and leadership skills
- Experience in developing IT and Networking Infrastructure
- Best practice knowledge of system security
- Experience in design architecture
- An understanding of operating systems (Windows & Linux) architectures
- Experience in using and integrating with Service Management tooling

Company Benefits



NCL

- Competitive Salary
- Workplace Benefits: Contributory Pension Scheme, Private Medical Insurance, Life Assurance, Critical Illness Cover, Health & Wellbeing
- 25 Days' Annual Leave (in addition to Bank Holidays)
- Performance Bonuses (Personal & Company)
- Excellent Career Progression Opportunities