

FALCONWOOD, INC.

Senior Engineer



Employee Name:

Section/Team:	Network Services		
Location:	Washington Navy Yard, DC		
Job Title:	Network Services Engineering Support		
Reports to:	Derek Thompson	Title:	Network Services Senior Engineer

Type of position:	Hours <u>40</u> / week
<input checked="" type="checkbox"/> Full-time	<input checked="" type="checkbox"/> Exempt
<input type="checkbox"/> Part-time	<input type="checkbox"/> Nonexempt
<input type="checkbox"/> Contractor	
<input type="checkbox"/> Intern	

GENERAL DESCRIPTION

The Network Services and Unified Capabilities (NS & UC) Technical SME directly support both the Service Owner (SO) and Lead Engineer (LE) for the services and products associated with the NS&UC portfolio. The SME will support analysis of requirements and traceability to programmatic requirements, maintain alignment with the current NGEN design and architecture, determine impacts to cost and performance of current and future projects, and support the derivation of the technical requirements in alignment with the customer approved requirements. SME will provide analyses and recommendations related to solution approaches for engineering projects (e.g. systems reconfiguration, technology refresh etc.).

WORK EXPERIENCE REQUIREMENTS

1. Able to work with SO and LE to coordinate design tasks, engineering support services/systems technical oversight, schedule development, and participate in the planning and execution of the projected project reviews and milestones.
2. Able to support independent government assessment of the technical details associated with project/solution under review to include risks, threats, designs, plans, and schedules.
3. Able to coordinate and collaborate with Navy activities and stakeholders i.e. NETOPS, NAVIFOR, Echelon II Commands, Network Service Providers and Vendors, DISA, NCMO, DITCO, and internal PMW205 organizations.
4. Exert design authority (DA) oversight of NGEN systems design using DoD Systems Engineering Method (DSEM)
5. Able to write requirements in the form of statement of objectives, issue papers, and NGEN capability briefs to Senior Leadership
6. Able to provide technical guidance to the Network Services Technology Refresh and Modernization Plan (NS TRMP), develop TRMP business rules to modernize NMCI network to 10Gbps capacity and beyond.
7. Must have significant expertise across 38 NGEN services, 24 systems and associated technologies to include:
 - a) LAN/BAN/WAN architectures, Boundary and DMZ Architectures
 - b) Network Traffic Engineering for MPLS/QoS
 - c) Remote Access Service Capability
 - d) Network virtualization and segmentation technology
 - e) NEN Voice over Internet Protocol (VoIP) protocols
 - f) Virtual Private Network (VPN) technology
 - g) Wireless Local Area Network (WLAN) services
 - h) Wide Area Network Acceleration capability (WANX)
 - i) Maritime Operation Center Command and Control (MOC C2) Support (MOC Assured C2 WAN & C2 LAN) support
 - j) Network Management System (NMS) for network monitoring and reporting
 - k) NGEN Service Level Reports (SLRs)

EDUCATION & CLEARANCE REQUIREMENTS

- Bachelor's Degree in Computer Science or Systems Engineering with 5+ years of TCP/IP networking experience, including information assurance, routing, switching, DNS, network architecture, network software and mail or 5+ years of Enterprise Level IT Support, including project management, network sustainment support, fielding of new solutions and development of new user capabilities.

Certificates: ITIL, Information Technology Certifications (e.g. CCNP, CCIE, CISSP desired)

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– Active Secret Clearance		
REVIEWED BY		<i>Title</i>
APPROVED BY		<i>Title</i>
DATE HIRED		