# Senior Network Engineer

**Location – Eddystone, PA**

Responsible for the design, implementation, maintenance, management, and overall operations of the Delphinus Engineering Corporate Computing Environment networking infrastructure (functional LAN and WAN). Network infrastructure design through operation must be in accordance with the security controls specified in current Federal and DoD requirements as defined in NIST SP 800-37, NIST SP 800-171, DOD 8510.01, FAR clause 252.204-7012, DoD or Federal directives, vendor guidance, and industry best practices.

Provide project management support for all network infrastructure project tasking assigned by the Delphinus computing environment Manager, Information Systems Security Manager (ISSM), and/or the CIO. This includes overall project task development, scheduling, tracking, testing, and verification testing and documentation to standards approved by the ISSM and the CIO. Provide project technical leadership and oversight of Infrastructure Support personnel assigned to tasking.

Provide network technical oversight for all network and infrastructure advancements and technical integration efforts within the Delphinus corporate infrastructure. These duties include but are not limited to:
- Coordinating networking activities such as analysis of new products, product acquisition, management, configuration, troubleshooting, repair, periodic testing and evaluation, and tech refresh of networking and communications system installations at all locations including installing and configuring routers, other network devices (Firewall, IDS/IPS, Wireless Access Points), and associated software.
- Deploying and configuring network devices and software in a secure manner to meet the requirements as applied to Delphinus by Federal and DoD customers, ensuring that devices protect and monitor the infrastructure to minimize network-based risk to Delphinus and its data.
- Ensuring networking and infrastructure monitoring and integrity testing occurs and is configured to meet auditing standards, reviewing the results of such monitoring, and notifying the Delphinus computing environment Manager, ISSM, and the CIO of significant findings.
- Ensuring the development, review, endorsement, and maintenance of infrastructure related documentation, hardware inventory, software inventory, network architecture diagrams, procurement, and all other infrastructure related documents as required.
- Maintaining a master repository of all network drawings and documentation and modifications compliant with Configuration Management process and policies to include leading the Configuration Change Review Board.
- Deploying new networking services/products and managing existing services and products to best support the Delphinus Engineering user community and business processes.

Provide technical leadership and mentoring for the infrastructure support staff required to accomplish assigned networking tasking as well as troubleshooting and status reporting.

Ensure procedures are developed and implemented in accordance with configuration management (CM) policies and practices for the testing and authorization of networking hardware or software prior to introduction or use in production computing enclaves/environments.

Education
- Bachelor's Degree (Minimum)
- Information Assurance Certification (IAT level II minimum – Security + and Networking +)
- CCNP or CCDP, CCNE certification preferred

Experience
- 5+ Years of network infrastructure design, implementation and troubleshooting experience in support of geographically dispersed networking infrastructure environments.
- Demonstrated experience with the OSI model TCP/IP protocols, routing protocols (OSPF, EIGRP, BGP), LAN and WAN technologies, VLANs, DNS/DHCP, VPNs, NAT, IP Telephony, and firewalls
- Strong/Proven Leadership Skills
- Knowledge and experience with configuration and support of CISCO networking equipment including the CISCO ASA hardware family and FirePower Management Suite.
- Knowledge and experience implementing network segregation with the use of VLAN technology.
- Knowledge and experience defining data flows and corresponding firewall rules and access control lists on boundary devices, routers, and edge switches.
- Knowledge and experience with subscribing to vendor and open source IDS/IPS signatures and creation of custom IDS/IPS rules based on data traffic characterization and emerging threat vectors.
- Knowledge and experience with VPN technology, specifically the CISCO AnyConnect VPN product.

- Knowledge and experience with implementing various WIFI Access Points including configurations for isolating and securing Guest networks from corporate infrastructure/assets.
- Knowledge and experience implementing Server and Workstation networking configurations to support network segregation and asset cyber protection.

Delphinus Engineering Inc., is an EOE/M/F/Vet/Disabled employer.

Interested personnel should submit an electronic copy of their resume to careers@delphinus.com

*Requisition No. DELPH139 (please ensure that you reference this number when submitting for this position)*