CENTRAL VALLEY SCHOOL DISTRICT
Job Description

TITLE: Network Technician 2

GENERAL SUMMARY
Under the guidance of the Network Technician 1, maintain and monitor wired and wireless network infrastructure in the district. Provide support for the installation, configuration and maintenance of all network hardware and software for a multi-site wide area network. Assist with the installation and management of wide area links, VoIP telephone systems, security cameras, card access control and any other IP based technologies that require network support.

ESSENTIAL JOB FUNCTIONS
1. Collaborate with the Network Technician 1 position to maintain district LAN/WAN/wireless infrastructure. Support and configure network equipment, including routers, switches, fiber and T-1 lines, wireless access points and controllers.
2. Help maintain and monitor network software including, but not limited to, IMC Management Platform, PRTG, The Dude, Airwave, Aruba Mobility Controller, and JAMF.
3. Assist with maintaining connectivity to all wired and wireless IP devices on the district LAN.
4. Maintain documentation of network hardware and software.
5. Provide support in the process of evaluating, implementing and maintaining the security needs of district to provide high level of availability, reliability and confidentiality.
6. Collaborate with vendors for systems integrations such as phones, data, video, security cameras, access control, intrusion detection, and firewall.
7. Aid in coordinating efforts with support vendors on issues related to web filter and firewall.
8. Assist in performing installations and upgrades to network operating systems and hardware.
9. Assist and conduct troubleshooting and repair of network and infrastructure wiring issues.
10. Maintain network equipment inventory and coordinate the processing of all warranty issues and equipment returns with vendors.
11. Maintain a variety of written and electronic files and/or records (e.g. event logs, security access, hardware specifications, vendor lists, vendor contacts, etc.) for the purpose of documenting department and district activities, tracking property, and providing audit trails.
12. Communicate effectively with internal and district staff to identify needs and evaluate alternative solutions for the purpose of resolving issues and providing guidance on future implementations.
13. Complete assigned projects with a high degree of quality while meeting deadlines.
14. Exhibit confidentiality, ownership and initiative.
15. Perform other duties as required by the Network Technician 1 or the Director of Technology Services.

REPORTING RELATIONSHIPS
This position reports to the Director of Technology Services

MENTAL DEMANDS
Experiences frequent interruptions; required to meet inflexible deadlines; requires concentration and attention to detail; may occasionally deal with distraught or difficult individuals. Must be able to maintain a "customer first" attitude when under stress.

PHYSICAL DEMANDS

Required to sit for prolonged periods; exposed to visual display terminal for prolonged periods; dexterity and precision required in the operation of a computer. Must be able to lift at least 70 pounds.

QUALIFICATIONS

1. **Required:**
    a. Two year plus degree in Computer Science/Electronics/Network arena or 2 or more years work experience in networking technology in an enterprise environment.
    b. Working knowledge of configuring, managing, and troubleshooting routed networks in both traditional and fiber environments.
    c. Knowledge and experience with LAN/WAN issues.
    d. Knowledge and experience with wireless deployments.
    e. Knowledge of IP addressing and VLAN configurations and best practices.
    f. Experience with switch and router configurations and best practices.
    g. General knowledge of IP based peripherals such as VoIP, security cameras, card access control systems, alarms etc.
    h. Effective written and oral communication skills.
    i. Demonstrated ability to coordinate effectively with district personnel and management at all levels.
    j. Excellent problem solving and analytical skills.
    k. Must be able to work effectively as a member of a team.
    l. Access to reliable personal transportation and possess a valid driver's license.
    m. Ability to work flexible hours including working approved overtime when necessary.
    n. Maintain confidentiality and display ethical behavior.

2. **Demonstrate ability to:**
    a. Manage and monitor an enterprise class wireless infrastructure.
    b. Configure and maintain LAN/WAN switching architecture.
    c. Configure maintain wireless networks and access points.
    d. Solve network and connectivity issues by employing a variety of resources.
    e. Work cooperatively with other members of the department and district.
    f. Maintain accurate records.
    g. Effectively use the Microsoft suite of productivity tools including Excel and Visio.

3. **Desired:**
    a. Experience with iPad deployment and management.
    b. Working knowledge of Aruba wireless technologies.
    c. Working knowledge of HP switching architecture.
    d. Experience working with Active Directory.
    e. Current professional networking certifications.
    f. Experience supporting networking hardware and software in an educational setting.

UNIT AFFILIATION

PSE - Technical

CONDITIONS

The preceding list of essential functions is not exhaustive and may be supplemented as necessary.

CLASSIFICATION HISTORY

Revised 10/13
Revised 07/15
Revised 09/15
Revised 03/16