

Department: **Hall County Information Technology Department**  
**121 S Pine St Ste 3, Grand Island, NE 68801**  
**Phone 308-385-5629 Fax 308-385-5634**

Title: **Systems Engineer**

Starting Hourly Rate: \$22.76 (Yearly \$47,340.80)

Overtime Rate: \$34.14 (Estimated 10 hours overtime/month, yearly max. \$4,267.50)

Summary of Position:

The Systems Engineer will assist the Hall County IT Director and PC Technician with all computer-related work, including but not limited to, the design, management, and diagnosis of issues associated with the wireless network that Hall County operates. The Systems Engineer will also work closely with the PC Technician and the IT Director to coordinate and direct network device (computer, printer, network switch, etc.) setup and maintenance and will assist directly where required.

Quantitative Information:

Assist in maintaining system of 200+ computers, 20+ servers, 30+ Extreme Networks Layer 3 network switches, 30+ indoor wireless Sonicwall access points and 50+ outdoor wireless Alvarion access points

Nature and Scope of Position:

The Systems Engineer reports directly to the IT Director. The Systems Engineer will be the primary point of assistance for technical issues in conjunction with the PC Technician, relying on the IT Director for particularly difficult problems. This will focus on troubleshooting Wireless Access Points, Wireless Backhauls, Wireless Subscriber Units and associated cabling in mobile and fixed environments, Windows operating systems, MS Office products, other third-party software packages, as well as training employees on new products and upgrades. The position will also work closely with the IT Director in maintaining and upgrading the network including access points, backhauls, subscriber units, switches, routers, printers, NT/2003 file/print/mail/database servers, wiring, etc.

Principle Accountabilities:

Primary Functions:

- Design and maintenance of the County's indoor and outdoor wireless systems.
- PC configuration and troubleshooting - OS, hardware, and software
- Server tape backup rotation maintenance/troubleshooting.
- Personnel training as required
- Help Desk
- PC maintenance / preventative maintenance
- LAN maintenance and networking - wiring, new user setup, backup
- Upgrade and update PC and Server software packages
- Other IT-related duties assigned as needed.

Desirable Experience/Qualifications:

- Experience and knowledge in the design, installation, and diagnosis of Alvarion outdoor wireless networks.
- Experience and knowledge in the design, installation, and diagnosis of Sonicwall indoor wireless networks.
- Interest in and aptitude for Windows-based operating systems, configuration and troubleshooting
- Extensive experience with Windows products, preferably Windows NT/XP/2003
- Ability to assess and train users
- A+ / Network+ / MCSE preferred
- Responsive to internal user needs
- Strong interpersonal skills
- Positive Attitude