



PREP Intl Position Profile - Senior Systems Administrator – Austin, TX \$100 - \$140 K

This Wind and Transmission Co has an immediate opening for a full-time Sr. Systems Administrator with a min of three year experience to provide technical support working with peers and vendors. The candidate will be responsible for technical support of the SCADA/EMS, Corporate Networks, basic user support and security to prevent and monitor threats. The candidate will be responsible for:

Problem resolution; ensuring high systems availability; identifying and documenting needed additions and changes; evaluating and applying patches; installing upgrades; change management, baseline management, evidence collection and providing timely after hours support when urgent (not shift work). This position ensures compliance with the NERC Critical Infrastructure Protection (CIP) and other Reliability Standards in collaboration with the Operations, Asset Management and Compliance depts.

Experience with OSI SCADA or knowledge and experience with other SCADA/EMS systems preferred but not required. Security certifications (SANS, Security+, CISSP, etc.) preferred but not required.

Bachelor's Degree in Computer Science, Management Information Systems or Electrical Engineering or related degree in engineering or engineering technology preferred. Proficient skill with Microsoft Office.

- ⊖ Install, configure, and maintain servers, PCs, and network-related equipment including firewalls, routers, switches, wireless and telecom systems.
- ⊖ Install and configure new hardware and software. Understand and administer software applications.
- ⊖ Perform vulnerability scanning/monitoring, baseline and evidence collection for critical assets.
- ⊖ Apply OS patches, application patches, updates, firmware upgrades and configuration changes to all IT systems, including Corporate, Operations and Substation Networks as required.
- ⊖ Ensure NERC CIP requirements are met when performing any work, including change management, baseline management and evidence collection.
- ⊖ Ensure reliable systems backups and recoveries are installed, configured and functioning properly.
- ⊖ Stay up to date with anti-virus definition signature for BES Cyber systems and Corp Environments.
- ⊖ Enforce security policies for Corporate and Operations. Inform management of new security risks.
- ⊖ Maintain AV and IDS signature definitions and insure clients are up-to-date.
- ⊖ Maintain system and network infrastructure availability and perform preventive maintenance to enhance system availability and stability.
- ⊖ Monitor system activities and fine tune system to optimize performance.
- ⊖ Provide occasional after hours support of the EMS/SCADA and Corporate Systems.
- ⊖ Perform preventative maintenance to enhance system availability and stability.
- ⊖ Assist with development of, and abide by procedures for, increasing Cyber Security (NERC and ERCOT compliant), Change Management and other IT processes.



Provide system and application support, e.g., Windows Operating Systems (Server 2012, 2016, Windows 7, Windows 10), Human machine Interface (HMI) management, etc.

- ⊖ Setup, configure user desktop environment for new hires.
- ⊖ Participate in related industry forums and training to continuously update knowledge base.

Perform analysis to ensure system compliance with best practices and security guidelines.

- ⊖ Plan for growth, capacity utilization. Provide on call support after hours.
- ⊖ Troubleshoot system problems and engage vendor support as necessary.
- ⊖ Participate in Business Continuity/Disaster Recovery planning and drills.
- ⊖ Monitor and maintain telecommunication systems – telephone, internal data networks, links to internet ISPs, routers, switches, firewalls and file/web servers to assure minimal downtime.
- ⊖ Provide investigation, root cause analysis and problem resolution.
- ⊖ Create or improve processes for operations.
- ⊖ Occasional travel to remote substation locations.

Minimum three years Windows system administrator/network administrator experience in a lead role.

Solid understanding of Active Directory, Group Policy, Windows Security, system hardening and threat monitoring. Strong VMware experience, understanding of TCP/IP and routing protocols, Powershell scripting experience. Experience configuring routers, switches, and firewalls (Cisco preferred).

Familiarity with ManageEngine Desktop Central, NNT Change Tracker, Nessus, Nmap, LogRhythm, Fortinet, DUO two-factor authentication, Veeam B&R preferred but not required.

Excellent interpersonal skills working with management, team members, system operators and staff.

This is a highly visible position and candidates must be self-motivated and strong communicator/presenter.

Our Client and PReP Intl are equal opportunity employers who consider all qualified applicants without regard to race, color, sex, sexual orientation, gender identity, age, religion, disability, national origin, citizenship, height, weight, genetic information, marital status, pregnancy, protected veteran status or any other status protected by law.

Qualified Veterans, minorities and women are encouraged to [apply online](#).