

Senior Systems Administrator

Job Purpose

The role will be responsible for the installation, configuration, and maintenance of all computer systems, networks, and radio communication systems on the mine for improved performance and efficiency.

Key Responsibilities

- Perform routine network startup and shutdown procedures and maintain records
- Install, configure, and maintain operating systems, servers, and software applications.
- Monitor system performance, troubleshoot issues, and ensure optimal system performance and uptime.
- Implement and maintain security measures to protect systems and data from unauthorized access.
- Manage and maintain networks, including routers, switches, firewalls, and VPN connections.
- Perform system backups and disaster recovery planning to ensure data integrity and business continuity.
- Manage user accounts, permissions, and access levels.
- Conduct system audits and implement enhancements to improve system reliability and security.
- Collaborate with cross functional teams to implement new technologies and system upgrades.
- Document system configurations, procedures, and troubleshooting steps.
- Maintain an inventory of parts for emergency repairs
- Demonstrates proficiency in the installation, configuration, servicing, and maintenance of radio communication systems across the site, including VHF/UHF two-way radios, base stations, repeaters, and antennas.
- Provides technical expertise and support for all Industrial Control Systems (ICS) networking, telemetry, and all site Operational Technology (OT) infrastructure including the PI Historian suite of applications.
- Leads a team to provide support to control room/operations, metallurgists, maintenance, engineering, and projects departments to safely maximize production capacity across both processing and mining facilities.

Required Qualification & Experience

- Tertiary qualification in Computer Science, Information Technology or Communication or Computer Networking from a recognized institution with at least four (4) years' experience in a similar role in a mining or related environment
- Valid Ghanaian Driver's license.

Technical Competencies

- Expert proficiency in the installation, configuration, servicing, and maintenance of radio communication systems, including VHF/UHF two-way radios, base stations, repeaters, and antennas.
- Ability to programme, align, test, and fault-find radio units, and to conduct site surveys and signal coverage assessments.
- Proficient in installing, configuring, and troubleshooting operating systems, including Windows and Linux.
- Strong knowledge of networking protocols and technologies, such as TCP/IP, DNS, DHCP, VPN, and VLANs.
- Familiarity with cloud platforms, such as AWS or Azure/M365
- Understanding of industrial Ethernet networks, and understanding of OsiSoft PI application suite desirable
- Information Management

Skills & Experience

- Proven experience in system monitoring, performance tuning, and capacity planning.
- Solid understanding of security principles and best practices in system administration.
- Experience with virtualization technologies, such as VMware or HyperV.
- Planning or Organizing
- Technical Knowledge
- Social Interaction (Team work)
- Well developed oral and written communication skills
- Advanced Microsoft skills
- May be required to work at heights (e.g., masts/towers) in accordance with safety procedures.



Adamus Resources
Limited

Business Behaviours

- Conflict management/resolution
- Organizational Awareness
- Resilient and ability to manage stress
- Approachable
- High attention to detail
- Safety conscious
- Anticipates plans and responds quickly to issues
- Flexible with the ability to adapt to change
- Open, honest and reliable

