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India

PR/108848 | Network System Administrator

Job Information

Recruiter
JAC Recruitment India

Job ID
1509367

Industry
Automobile and Parts

Job Type
Permanent Full-time

Location
India

Salary
Negotiable, based on experience

Refreshed
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General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
Associate Degree/Diploma

Visa Status
No permission to work in Japan required

Job Description

Job Summary:

Job Title: Network System Administrator
Location: Bidadi – Rental Plant
Department: IT / Plant Operations

The Network System Administrator will be responsible for managing the IT network infrastructure within an automotive manufacturing plant. This includes maintaining and optimizing plant-specific network systems and all IT Equipment's, ensuring reliable connectivity across production lines, and implementing robust network security measures. Support the plant's automation systems, manage industrial networks (such as Ethernet/IP), and collaborate with the production and maintenance teams to ensure minimal downtime and maximum eOiciency.
Key Responsibilities:
1. Network Infrastructure Management:
o Design, deploy, and manage the plant's network infrastructure, including LAN, WAN, and industrial network systems.

o Monitor network performance and implement improvements to support the plant's production systems, including automated machinery and robotics.

o Configure and maintain network devices such as switches, routers, firewalls, and wireless access points.

o Ensure the seamless integration of network systems with the plant's production and control systems.

2. System Administration:

o Maintain and manage servers, virtualization environments (e.g., VMware, Hyper-V), and storage systems that support production line systems.

o Ensure robust data backup and disaster recovery plans, particularly for critical production systems.

o Administer network security measures such as firewalls, VPNs, and intrusion detection systems.

3. Production Line Support:

o Collaborate with plant engineers to ensure IT systems support automated manufacturing processes (PLC systems, SCADA systems, etc.).

o Provide technical support to resolve network-related issues that impact production systems or cause downtime.

o Maintain real-time monitoring systems for production lines, ensuring network connectivity and performance for automated and robotic equipment.

4. Security and Compliance:

o Implement network security policies, particularly focused on securing production systems and critical plant operations.

o Monitor for potential cyber threats and vulnerabilities, and respond to any security incidents that may aOect production.

o Ensure compliance with industry regulations, automotive standards (ISO/TS 16949, IATF 16949), and cybersecurity protocols.

5. Industrial Automation Networks:

o Manage and support industrial automation networks, ensuring communication between devices like PLCs, HMIs, and other control equipment.

o Monitor and troubleshoot network-related issues within automation systems that could aOect production eOiciency or cause breakdowns.

6. Collaboration and Support:

o Work closely with plant engineers, automation specialists, and maintenance teams to ensure all network systems are optimized for production.

o Coordinate with corporate IT teams to ensure alignment between plant network systems and corporate standards.

o Provide end-user support for IT-related issues within the plant, including troubleshooting network connectivity problems for production and oOice staO.

Qualifications:

• Education: Bachelor's degree in Information Technology, Computer Science, or related field.

• Certifications: Preferred(Not Mandatory)

o Cisco Certified Network Associate (CCNA)

o Microsoft Certified System Administrator (MSCA)

o CompTIA Network+

• Experience:

o 7+ years of experience in network administration, preferably within a manufacturing or industrial setting.

o 2+ years of experience in system administration.

o Hands-on experience with industrial networking protocols and systems.

o Familiarity with automation technologies used in automotive manufacturing.

o Knowledge of IT-OT (Information Technology - Operational Technology) integration.

Skills:

Company Description