



## PR/108848 | Network System Administrator

### Job Information

**Recruiter**
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**Job ID**

1513778

**Industry**

Automobile and Parts

**Job Type**

Permanent Full-time

**Location**

India

**Salary**

Negotiable, based on experience

**Refreshed**

December 24th, 2024 13:13

### 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 efficiency.

**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 affect 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 affect production efficiency 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 office staff.

#### 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:

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## Company Description