

ABDULRAHMAN ALKHALDI

Network Engineer | Network & System Integration Engineer

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PROFESSIONAL SUMMARY

Network & System Integration Engineer with 2.5+ years of hands-on experience designing, securing, and operating enterprise networks in industrial environments. Skilled across Cisco, Huawei, Juniper, Aruba, and Hughes VSAT/NMS platforms, with expertise in firewalls (FortiGate, Juniper), SIEM platforms (Splunk, Trellix, Nozomi, WhatsUp Gold), and core infrastructure services (Active Directory, DNS, DHCP). Proven record integrating VoIP (Cisco CUCM, SIP), CCTV, VPN, and RF systems to deliver secure, scalable, high-performance network solutions. Cisco Certified Network Associate (CCNA) and Cisco Certified Specialist – Enterprise Core (ENCOR).

CORE COMPETENCIES

Routing & Switching: OSPF, EIGRP, BGP, VLAN, STP, Trunking, Cisco IOS
Firewall & Security: FortiGate, Juniper, Cisco ISE, NAC, SSL VPN, IPSec VPN, MFA / OTP
Voice & Unified Comms: Cisco CUCM, Huawei NetCol, SIP Trunks, Elastix, QoS
Monitoring & SIEM: Splunk, Trellix, Nozomi, WhatsUp Gold, NMS, Hughes NMS
Infrastructure Services: Active Directory, DNS, DHCP, Group Policy, Clusters, WSUS
Video Surveillance: Geutebrück G-SIM / G-Core / GeViScope, ONVIF Fixed / PTZ / Dome
Satellite & Wireless: VSAT, RF Optimization, Hughes Network Systems
Operations: NOC Operations, High Availability, Disaster Recovery, Project Documentation, Technical Supervision

PROFESSIONAL EXPERIENCE

System Integration Engineer Jul 2025 – Present
Royal Commission for Jubail and Yanbu (RCJY) — Jubail Industrial City, SA

- Lead the design, configuration, and maintenance of enterprise network infrastructure, ensuring high availability, performance, and security across all connected systems.
- Administer Active Directory environments — user authentication, group policies, DNS, DHCP, and cluster management for seamless domain operations.
- Configure and maintain Cisco core and distribution switches, routers, and NMS devices, including DMZ and data-center infrastructure.
- Operate Splunk, Trellix, WhatsUp Gold, and Nozomi for real-time monitoring, threat detection, and system diagnostics.
- Supervise and lead the deployment, integration, and configuration of CCTV and access-control systems, guiding field technicians to ensure full functionality, reliability, and compliance with project standards.
- Administer Elastix SIP Server and VoIP phone systems, ensuring stable voice communication and interconnectivity across multiple facilities.
- Optimize QoS policies to prioritize mission-critical voice, video, and data traffic; implement high availability, redundancy, and disaster-recovery readiness.
- Provide secure remote access for authorized users via FortiGate firewalls, SSL VPN, and multi-factor authentication.
- Collaborate with cybersecurity, IT, and operations teams to maintain compliance and network security best practices.

Network Engineer Oct 2024 – Jun 2025
Aramco — Dhahran, SA

- Designed and implemented VSAT networks for Aramco rigs, providing reliable satellite-based connectivity for remote operations.
- Monitored and optimized RF signals, ensuring stable communication links between remote terminals and central satellite hubs.

- Configured and maintained routing protocols (EIGRP, OSPF, BGP) to ensure efficient and resilient data flow across the network.
- Administered and secured Juniper firewalls and Aruba switches, maintaining high-performance, protected communication environments.
- Utilized NMS, NetCol, and Splunk platforms for real-time monitoring, diagnostics, and network health tracking.
- Managed and enforced IPSec VPNs and security policies to safeguard data transmission and network access.
- Handled NOC operations — ticket resolution, performance analysis, and fault management to minimize downtime.
- Processed service requests through SAP and CRM systems, ensuring prompt response and customer satisfaction.

Network Engineer

Feb 2024 – Oct 2024

Charitable Society for the Memorization of the Koran — Jubail, SA

- Designed and deployed a new Active Directory domain, migrating users and data from legacy systems to a modern, secure infrastructure.
- Managed AD services — user accounts, group policies, DNS, DHCP, and domain controllers — ensuring stable authentication and access control.
- Configured and troubleshot Cisco infrastructure, including OSPF, EIGRP, BGP, VLANs, trunking, and STP for network reliability and performance.
- Administered Office 365 (Exchange, Teams, and user licensing) for smooth collaboration and communication.
- Configured and maintained Cisco firewalls, Wi-Fi access points, and network security policies.
- Supported VoIP through Cisco Unified Communications Manager (CUCM) — SIP trunks, call routing, and QoS for high-quality voice services.
- Provided end-user technical support and troubleshooting, ensuring timely resolution and system uptime.

COOPERATIVE TRAINING

Network Technician

Jun 2021 – Sep 2021

Infrastructure Technology Department, Royal Commission for Jubail and Yanbu (RCJY) — Jubail, SA

- Administered and troubleshot Cisco Unified Communications Manager (CUCM) and Cisco IP phones, ensuring stable voice communication.
- Maintained Cisco switches across core, distribution, and access layers, including Power over Ethernet (PoE) configuration.
- Provided end-user technical support and managed PSTN and voice connectivity for seamless day-to-day operations.

EDUCATION

Bachelor's Degree in Network Engineering — Technical College of Telecom & Information (TCTI)

2021 – 2023

Riyadh, SA | GPA: 4.47 / 5

Diploma in Network Administration — Jubail Technical Institute (JTI)

2019 – 2021

Jubail, SA | GPA: 3.67 / 4

CERTIFICATIONS

- Cisco Certified Network Associate (CCNA) — Cisco
- Cisco Certified Specialist – Enterprise Core (ENCOR) — Cisco