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**NETWORK & SECURITY
ENGINEER**

ABOUT THE OPPORTUNITY

Position: Network & Security Engineer

Location: South Africa

Position Type: Full-time, Senior Technical

Department: Information Technology

Reporting To: IT Security Manager

Closing Date: 29 August 2025

- Secure the Digital Infrastructure of South Africa's Next Premier Aviation Hub
- As the Airport undergoes its R650 million upgrade to Category 5 status, we seek an experienced Network & Security Engineer to design, implement, and maintain the robust network infrastructure that will safeguard our critical airport systems.
- This role is vital in protecting the operational technology serving 200 thousand+ annual passengers and ensuring compliance with stringent aviation cybersecurity regulations.

Send your CV and portfolio to:

✉ careers@africaskyairportsgroup.com

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NETWORK & SECURITY ENGINEER

- 1. Network Infrastructure Management
- Design and implement Category 5 network architecture (LAN/WAN/WLAN)
- Maintain 99.999% uptime for critical systems:
- Airport Operational Database (AODB)
- Biometric Border Control Systems
- Baggage Handling Network
- Configure and optimize:
- Cisco/Juniper network devices
- SD-WAN infrastructure
- VoIP systems
- 2. Cybersecurity Implementation
- Deploy and manage:
- Next-gen firewalls (Palo Alto/Fortinet)
- IDS/IPS systems
- Endpoint protection platforms
- Conduct quarterly penetration testing
- Implement SACAA-mandated aviation security protocols

KEY RESPONSIBILITIES

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NETWORK & SECURITY ENGINEER

KEY RESPONSIBILITIES

- 3. Security Operations
- Monitor SIEM solutions (Splunk/QRadar)
- Lead incident response for security events
- Maintain PCI-DSS compliance for retail networks
- Enforce network segmentation for operational technology
- 4. Project Support for Category 5 Upgrade
- Design secure network infrastructure for new terminal
- Implement network redundancy solutions
- Migrate systems to zero-trust architecture
- 5. Compliance & Documentation
- Ensure compliance with:
- POPIA/GDPR
- ISO 27001
- SACAA AVSEC regulations
- Maintain network topology diagrams
- Develop disaster recovery playbooks

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QUALIFICATIONS & EXPERIENCE

- Education & Certification:
- Bachelor's degree in Network Engineering/IT Security
- Certifications: CCNP Security, CISSP, CEH (minimum 2 required)
- Experience:
- 7+ years in network/security engineering
- 3+ years in critical infrastructure environments
- Proven experience with:
- Aviation/transportation systems
- SOC operations
- Large-scale network deployments

DESIRED SKILLS

- Technical Skills:
- Expert in:
- NGFW configuration
- Network monitoring (SolarWinds/PRTG)
- VPN technologies
- Strong scripting (Python/PowerShell)
- Forensic investigation capabilities

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NETWORK & SECURITY ENGINEER

WHY JOIN US?

- Architect security for a Category 5 regional airport
- R150,000 annual training budget
- Cutting-edge security technology stack
- Shift allowances for on-call duties

HOW TO APPLY

- Interested candidates should submit their CV, cover letter, and relevant certifications to (**careers@africaskyairportsgroup.com**) with the subject line (**"Network & Security Engineer Application"**)
- Application Deadline: **29 August 2025**
- Join us in redefining excellence in aviation!
- Africa Sky Airports Group is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.

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