

The South African Weather Service (SAWS) is a Section 3(a) public entity under the Department of Environment, Forestry and Fisheries (DEFF) and is governed by a Board. The organisation is an authoritative voice for weather and climate related services in South Africa and is a member of the World Meteorological Organisation (WMO) to fulfil a range of international obligations of the government. The SAWS strives to be a Weather and Climate Centre of Excellence, providing innovative solutions to ensure a WeatherSMART region, sustainable development and economic growth.

The SAWS is therefore seeking to appoint an efficient and enthusiastic person to undertake the role of:

Information Security Specialist (Readvertisement)

Paterson Grade: D2

TCTC Salary range: R704 124.00 – R909 438.00

Ref.WS16/042025

Centre: Centurion

Job Summary:

The position of Information Security Specialist reports to Senior Manager: ICT. The Specialist will be responsible for information security, governance, and information to protect the organisation by employing a range of technologies and processes to prevent, detect and manage cyber threats.

Key performance areas

- Maintain the Information Security Framework and underlying policies, procedures, standards and guidelines.
- Lead the development, maintenance and updating of the Information Security Strategy and Information Security Program
- Conduct and complete annual reviews and audits as required, engaging both internal and external resources
- Conduct functional and gap analysis to determine the extent to which key business areas and infrastructure comply with statutory and regulatory requirements.
- Define and implement key processes and functions required to enable the Information Security Program within the SAWS.

- Implement, maintain, monitor, and ensure effective operation of the Information Security Program within the SAWS.
- Ensure appropriate administrative, physical, and technical safeguards are in place to protect SAWS information assets from internal and external threats
- Design and implement IT security systems to protect the organization's computer networks from cyber attacks
- Monitor computer networks for security issues, install security software and document all security breaches and assess the damage they cause.
- Fix detected vulnerabilities to maintain a high-security standard.
- Identify, introduce, and implement appropriate procedures, including checks and balance, to test these safeguards on a regular basis
- Act as the committed owner of the security incident and vulnerability management processes from design to implementation and beyond
- Manage and assist in performing on-going security monitoring of information systems, including assessing information security risk through qualitative risk analysis on a regular basis
- Evaluate and recommend new information security technologies and counter-measures against threats to information privacy and developing security reports and dashboards.
- Assess and mitigate third party vendor, and information security compliance risks from current and changing business practises, systems, policies, regulations, and laws to ensure secure information handling and exchange processes.
- Plan, deliver solutions for integration between Cloud and on-premises security solutions (Solutions Architecture experience).
- Ensure that the disaster recovery and emergency operating procedures are in place and tested on a regular basis
- Develop, promote and monitor security and governance awareness program.
- Ensure effective staff training programs are in place to increase security awareness across SAWS.
- Identifies and reports risks related to working environment
- Liaise with internal audit to remediate new and outstanding audit issues
- Liaise with external auditors

- Responsible for procedures and controls to assure compliance with applicable internal and external regulatory and legal requirements.
- Enforce ICT policies, procedures, standards and change control compliance
- Laws and regulations related to Information Security, Cyber Security, Data Protection, and/or Privacy especially where relevant to the Cloud
- Conduct ICT Security Audit and Risks

Requirements:

- Degree in Information Technology or equivalent
- Minimum of 7 years' working experience in ICT Governance, Information Security, and related fields
- ICT Governance, Information Security, Compliance & Audit Experience.
- At least two of CRISC or CISSP or CEH or similar technical security certification
- Knowledge of SIEM, Identity Governance, Antivirus, Cyber Security threat intelligence and defense evasion techniques.
- ICT Security Audit and Risks **experience (added advantage)**.
- Understanding of the general business functions and its inter- relationship and contribution to services and the application.
- Knowledge and understanding of principles, applications and techniques of electronic data acquisition systems, computer systems, operations, computer hardware and software systems planning, and technical support.

Attributes and Competencies

- Innovative, strategic and leadership capability
- Analytical thinking and decision-making
- Excellent presentation and negotiating skills
- General Management

Please Note:

Enquiries for the above-mentioned positions must be directed to: Mr. Denny Maluleke, at Tel. (012) 367 6091.

Register as user on our website using this link: <https://www.weathersa.co.za/home/vacancies> to apply for the above position and upload your (Comprehensive CV with certified copies of qualifications).

Closing Date: 09 May 2025

Note: Recruitment Agency applicant submissions will not be considered

This is an EE position and preference will be given to **African, Coloured, Indian, and White Females.** Correspondence will be limited to short listed candidates only. Candidates who have not been contacted within 3 months after the closing date of this advertisement, please accept that your application was unsuccessful. The organisation reserves the right not to fill this position. The South African Weather Service is an equal opportunity employer.

| | |
|-------------------------|-----------------------|
| Record Reference | HCM-ADVERT-ICTRSS2025 |
|-------------------------|-----------------------|

