



Australian Government

CPPSEC4015 Maintain networked security systems

Release: 1

CPPSEC4015 Maintain networked security systems

Modification History

Release 1 This version first released with CPP Property Services Training Package Release 9.0.

Supersedes and is equivalent to CPPSEC4015A Maintain networked security system. Updated to meet the Standards for Training Packages.

Application

This unit specifies the skills and knowledge required to maintain a range of networked security systems. It includes assessing system architecture and configurations and formulating suitable maintenance strategies against budgetary constraints and risks to continuity of client operations. It also includes monitoring system performance, performing back-ups and hardware and software updates, identifying operational irregularities and faults, and implementing required repairs and maintenance.

This unit is suitable for those using specialised knowledge to complete routine and non-routine tasks and using their own judgement to deal with predictable and sometimes unpredictable problems.

Legislative, regulatory or certification requirements apply in some states and territories to the provision of advice on security solutions, strategies, protocols and procedures. For further information, check with the relevant regulatory authority.

Pre-requisite Unit

None.

Unit Sector

Security/Risk management

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

1 Formulate maintenance strategy for networked security system.

1.1 Access and interpret key requirements of legislation, regulations and workplace policies and procedures, including work health and safety (WHS), and apply to work instructions to ensure compliance.

- 1.2 Review work instructions to confirm client and site requirements and work timeframes.
 - 1.3 Review *AS/NZS 2201.1:2007 Intruder alarm systems – Client’s premises – Design, installation, commissioning and maintenance* (AS/NZS 2201) to understand requirements associated with maintaining networked security systems and apply to work instructions.
 - 1.4 Review networked security system architecture and configuration documentation to confirm requirements to maintain operational effectiveness.
 - 1.5 Confirm warranty status of networked security system components, software and hardware.
 - 1.6 Assess maintenance options against budgetary constraints and risk to continuity of client operations.
 - 1.7 Finalise and schedule maintenance strategy that ensures optimal operational performance of networked security system and software.
- 2 Plan and organise work tasks.
 - 2.1 Plan and prioritise work tasks allowing sufficient time to meet work instructions.
 - 2.2 Select and organise required materials, tools, testing devices and equipment including personal protective equipment and check for safe and correct operation.
 - 2.3 Arrange access to networked security system in consultation with relevant persons.
 - 2.4 Identify hazards in the work area and apply risk control measures.
 - 2.5 Use safe work practices when working with electronic equipment and cables according to WHS requirements.
- 3 Monitor effectiveness of networked security system.
 - 3.1 Access networked security system with minimal disruption to services and others in the work area.
 - 3.2 Systematically monitor and assess networked security system operation against performance indicators to determine hardware and software performance and

- reliability.
- 3.3 Monitor security and access features of networked security system to confirm information security and integrity.
 - 3.4 Review and maintain system performance and audit reports according to workplace requirements.
- 4 Implement preventative maintenance procedures.
 - 4.1 Routinely implement networked security system back-up procedures.
 - 4.2 Routinely update and maintain anti-virus software and mechanisms to secure internet protocol networks.
 - 4.3 Carry out repairs or adjustments to networked security system within scope of own competence and according to maintenance strategy and manufacturers' instructions.
 - 4.4 Identify, diagnose and rectify system irregularities or faults and refer complex faults for specialist attention according to manufacturers' instructions.
 - 5 Finalise maintenance and complete documentation.
 - 5.1 Reinstate networked security system and confirm correct operation and connections.
 - 5.2 Notify completion of work to relevant persons.
 - 5.3 Complete maintenance documentation detailing repairs undertaken and identified faults according to workplace and regulatory requirements.
 - 5.4 Check tools and equipment for faults, wear or damage and rectify or report problems.
 - 5.5 Restore work area to original condition and remove waste caused by maintenance tasks.

Foundation Skills

As well as the foundation skills explicit in the performance criteria of this unit, candidates require:

- reading skills to interpret key requirements of:

- specifications for networked system architecture and configuration
- plans and specifications when locating networked security system and components for maintenance
- Australian standards and manufacturers' instructions
- numeracy skills to interpret multimeter readings when maintaining networked systems.

Unit Mapping Information

Supersedes and is equivalent to CPPSEC4015A Maintain networked security system.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>