CPPSEC5006 Develop strategies to implement advanced technology security systems

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Modification History

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

Supersedes and is not equivalent to CPPSEC5006A Determine strategy for the implementation of biometrics technology. Unit has been broadened to cover other advanced technologies in addition to biometrics. Updated to meet the Standards for Training Packages.

Application

This unit specifies the skills and knowledge required to develop strategies to implement security systems that employ advanced technologies including biometrics, artificial intelligence (AI), robotics, smart technologies and video integration. It includes assessing risks and threats to client assets, evaluating existing security measures, and devising feasible implementation options that integrate advanced technology security systems within existing security architectures.

This unit is suitable for those using a broad range of cognitive, technical and communication skills to select and apply methods and technologies to analyse information and provide solutions to sometimes complex 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 Assess client's	1.1	Access and interpret key requirements of legislation and regulations to understand and comply with requirements

	security requirements.		for implementing advanced technology security systems.
		1.2	Clarify client assets, security requirements, budget and timeframes for implementing advanced technology security system in consultation with relevant persons.
		1.3	Identify and assess threats to physical and technical security of client.
		1.4	Identify and assess security risks to client assets and prioritise risk levels.
		1.5	Evaluate reliability and effectiveness of existing security measures against identified threats and risks.
		1.6	Document findings and seek specialist assistance as required to assess security requirements of client.
2	Identify requirements for implementing advanced technology security system.	2.1	Assess advanced technology security system options to meet security threats and risks and client requirements.
		2.2	Analyse and confirm physical and technical specifications for advanced technology security system to be installed.
		2.3	Assess existing security architecture to identify requirements for effectively integrating advanced technology security system.
		2.4	Identify resources, skills and training required to implement advanced technology security system.
		2.5	Summarise implementation requirements in a format suitable for further analysis.
3	Design and verify implementation options for advanced technology security system.	3.1	Design system implementation options based on analysis of implementation requirements.
		3.2	Conduct checks to verify implementation options are feasible and comply with time schedules, available resources and budget.
		3.3	Confirm implementation options will effectively control assessed risks and threats to client assets.

4 Finalise strategy for implementing advanced technology security system.	4.1	Finalise and document strategy to implement advanced technology security system.
	4.2	Check strategy to ensure analysis recommendations are clear, coherent and consistent with client requirements, include contingency measures, and are supported by verifiable information.
	4.3	Present strategy to relevant persons within agreed timeframes and explain system design and implementation requirements to enhance understanding and acceptance of recommendations.
	4.4	Complete and secure implementation strategy documentation in a manner that facilitates future retrieval and maintains client confidentiality according to workplace and regulatory requirements.

Foundation Skills

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

- oral communication skills to negotiate client agreements
- writing skills to prepare logical and sequenced technical specifications for implementing advanced technology security systems
- reading skills to interpret key requirements of technical specifications, plans and designs for security systems.

Unit Mapping Information

Supersedes and non-equivalent to CPPSEC5006A Determine strategy for the implementation of biometric technology.

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