

SFSHIB2

Recommend solutions to meet client's human identity and biometric requirements



Overview

This unit defines the national standard of occupational competence for recommending solutions to meet client's human identity and biometric requirements. This unit therefore sets the standards for you to:

- 1 Research human identity and biometric solutions to meet client's requirements
- 2 Determine potential costs, benefits and effectiveness of human identity and biometric solutions
- 3 Make human identity and biometric solution recommendations to clients to meet client's requirements

You must be able to confirm you understand the human identity and biometric requirements of your clients. You will be expected to research relevant data required to meet these requirements based on the evaluation of assets, risk and threats. You must know and understand how and why it is important to identify constraints that may have an impact on proposed options.

The knowledge that you must have to be competent in this area includes understanding how and why it is important to identify the expected costs and resources needed to meet human identity and biometric requirements. You must also understand current relevant legislation, regulations, codes of practice and guidelines relating to human identity and biometrics.

When making recommendations to clients for meeting their requirements you must be able to provide complete and accurate details of potential costs, benefits, effectiveness, limitations and constraints of human identity and biometric solution options.

You will be expected to know and understand how and why it is important to consider costs and resources, and why it is important to provide accurate advice on the implications of accepting, modifying or rejecting options. You must also know how to maintain the security and confidentiality of information relating to your client's and recommendations.

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Performance criteria

Research human identity and biometric solutions to meet client's requirements

You must be able to:

- P1 confirm that you have sufficient complete and accurate details of human identity and biometric solution requirements of your **clients**
- P2 **research** relevant data required to meet client's requirements based on the evaluation of assets, risks and threats,
- P3 consider options objectively and without **bias**
- P4 identify and record details of **constraints** that may have an impact on the proposed human identity and biometric solutions
- P5 maintain the security and confidentiality of information relating to your client's requirements
- P6 confirm your understanding of your client's needs

Determine potential costs, benefits and effectiveness of human identity and biometric solutions

You must be able to:

- P7 confirm you have sufficient accurate **information** on which to determine potential costs, benefits and effectiveness of proposed human identity and biometric **solutions**, including possible **constraints**
- P8 identify and determine the outline of costs for proposed solutions, based on valid information
- P9 identify and determine the potential benefits and effectiveness of proposed solutions, based on valid assumptions, considerations and information
- P10 identify, assess and record the details of any areas of concern affecting the potential effectiveness of proposed solutions
- P11 maintain the security and confidentiality of information relating to your solution proposals
- P12 confirm where appropriate the network protocol, infrastructure, diagram and capacity of the **client's I.T. system**
- P13 establish, where necessary, the authority to interface your solution with the client's other **systems**

Make human identity and biometric solution recommendations to meet client's requirements

You must be able to:

- P14 prepare recommendations that have the potential to meet the human identity and biometric requirements of your **clients**
- P15 provide complete and accurate details of potential costs, benefits, effectiveness, limitations and **constraints** of recommendations
- P16 provide recommendations in the agreed **format** to the specified person within agreed timescales

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- P17 provide sufficient details and supporting information to your clients to enable them to make informed decisions about your recommendations
- P18 provide clients with considered advice on the implications of accepting, modifying or rejecting human identity and biometric solutions
- P19 provide clients with objective information
- P20 take account of your client's cultural environment and nature of business
- P21 maintain the security and confidentiality of information relating to your client's and recommendations
- P22 provide clear statements of operational requirements for solutions
- P23 confirm where appropriate the network protocol, infrastructure, diagram and capacity of the **client's I.T. system**
- P24 establish, where necessary, the authority to interface your solution with the client's other **systems**
- P25 specify and agree the change control process with your client

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Knowledge and understanding

You need to know and understand:

Research human identity and biometric solutions to meet client's requirements

- K1 current relevant legislation, regulations, codes of practice and guidelines relating to human identity and biometrics
- K2 how and why it is important to determine relevant data requirements when researching human identity and biometric solutions to meet client's requirements
- K3 how to search and find information relating to client's needs and requirements
- K4 how and why it is important to identify and record details of constraints that may impact on the proposed solutions
- K5 how and why it is important to maintain the security and confidentiality of information

Determine potential costs, benefits and effectiveness of human identity and biometric solutions

You need to know and understand:

- K6 current relevant legislation, regulations, codes of practice and guidelines relating to human identity and biometric solution provision
- K7 how and why it is important to confirm you have sufficient information to determine potential costs, benefits and effectiveness of solutions
- K8 how and why it is important to identify the expected costs and resources needed to meet the human identity and biometric requirements
- K9 how and why it is important to identify and assess the impact of any areas of concern affecting the proposed solutions
- K10 how to record and store information in a suitable format
- K11 how and why it is important to maintain the security and confidentiality relating to your recommendations
- K12 how and why it is important to take into account constraints when identifying human identity and biometric solutions
- K13 how and why it is important to identify life cycle costs of solutions
- K14 where an I.T. interface to client is required, the network protocols and infrastructure of the client's existing I.T. system
- K15 the interfaces of the human identity and biometric solution to the client's other systems

Make human identity and biometric solution recommendations to meet client's requirements

You need to know and understand:

- K16 current relevant legislation, regulations, codes of practice and guidelines relating to human identity and biometric solution provision
- K17 how and why it is important to consider the expected costs and

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resources needed to meet the human identity and biometric requirements

- K18 how to record and store information in a suitable format
- K19 why it is important to provide accurate advice on the implications of accepting, modifying or rejecting human identity and biometric solutions
- K20 how and why it is important to present your recommendations in a clear and precise manner
- K21 how and why it is important to provide information which is objective
- K22 why it is important to take account of your client's culture, environment and nature of business
- K23 how and why it is important to maintain the security and confidentiality relating to your recommendation
- K24 how and why it is important to provide operational requirements
- K25 why change control is necessary and how to effectively manage it
- K26 the advantages and disadvantages of capture operations of different biometric modalities in enrolment, identification and verification
- K27 where an I.T. interface to client is required, the network protocols and infrastructure of the client's existing I.T. system
- K28 the interfaces of the human identity and biometric solution to the client's other systems

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Additional Information

Scope/range related to knowledge and understanding

Research human identity and biometric solutions to meet client's requirements

1. **clients:** government, commercial, not-for-profit entities, private, non governmental organisations
2. **research sources:** observation, discussion, industry, documentation, statistics, trends, surveys, reports, studies
3. **bias:** commercial, financial, conflict of interest
4. **constraints:** operational capabilities and limitations, financial, timescales, availability of resources, human, environment, culture

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5. sources of **information:** on site study, industry documentation, statistics, trends, survey, electronic, social economic, data, reports, studies
6. **solutions:** physical, human, electronic, procedural, technology refresh, refurbishment, maintenance
7. **constraints:** operational capabilities and limitations, financial, timescales, availability of resources, human, environment, culture
8. **client's I.T systems:** network protocol language, infrastructure cabling, wire free, client server systems, software applications
9. **systems:** financial, operational, HR, IT, security, health and safety

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10. **clients:** government, commercial, not-for-profit entities, private, non governmental organisations
11. **constraints:** operational capabilities and limitations, financial, timescales, availability of resources, human, environment, culture
12. **format:** text, graphic, electronic, photographic , verbal
13. **client's I.T systems:** network protocol language, infrastructure cabling, wire free, client server systems, software applications
14. **systems:** financial, operational, HR, IT, security, health and safety

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