



Australian Government

ICTICT508 Evaluate vendor products and equipment

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to evaluate and test a range of vendor products and equipment against a client's business requirements.

It applies to individuals in a range of information and communications technology (ICT) areas who are required to assess hardware and software products.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

General ICT

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Establish business requirements	1.1 Identify and prioritise business requirements 1.2 Identify conflicting or overlapping business requirements 1.3 Specify budget and available resources 1.4 Validate business requirements, budget and resource needs with client
2. Identify vendor products and equipment	2.1 Investigate a representative range of vendor products and equipment 2.2 Identify and document interdependencies 2.3 Specify and document technical alternatives available to the business 2.4 Determine and document availability of products and equipment 2.5 Ensure vendor products and equipment meet Australian or other standards
3. Test vendor products and services	3.1 Develop valid and reliable test regime with appropriate measurements 3.2 Establish test environment, including calibrated measuring equipment 3.3 Undertake testing of products or equipment and document results 3.4 Undertake revised testing where initial tests are inconclusive or where alternative product configuration may meet business requirements
4. Evaluate vendor products, services and equipment	4.1 Rate vendor products for quality, performance and support 4.2 Rate vendor products for fit with client needs 4.3 Establish product limitations, performance, integration capabilities and costs, and compare with established business requirements 4.4 Prepare cost-benefit analysis
5. Prepare evaluation report	5.1 Document product information in order of preference 5.2 Recommend preferred product, including the reasoning

ELEMENT	PERFORMANCE CRITERIA
	behind recommendations 5.3 Prepare a report containing solution details 5.4 Submit report to client for approval

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1-1.3, 2.1, 2.2, 2.4, 2.5, 4.1, 4.2	<ul style="list-style-type: none"> Identifies, analyses and evaluates highly technical documents, diagrams, business strategies and statistical and financial information
Writing	1.3, 1.4, 2.2-2.4, 5.1, 5.3	<ul style="list-style-type: none"> Integrates information and ideas from a number of sources using specialised and cohesive language and formal document structures
Oral Communication	1.1, 1.2, 1.4, 2.1-2.4, 5.4	<ul style="list-style-type: none"> Elicits and evaluates information using effective listening and open questioning techniques Uses simple and relevant language to obtain information, confirm understanding, liaise with the client and obtain feedback
Numeracy	1.1, 1.3, 1.4, 4.3, 4.4, 5.2, 5.3	<ul style="list-style-type: none"> Interprets and analyses a range of statistical and financial data relating to products, equipment and integration costs Uses a range of software tools to apply statistical and financial functions, and prepare a cost-benefit analysis
Navigate the world of work	2.5	<ul style="list-style-type: none"> Appreciates the legal and regulatory responsibilities related to own work and recognises some legal principles across work contexts
Interact with others	5.4	<ul style="list-style-type: none"> Actively identifies the requirements of important communication exchanges, selecting appropriate channels, format, tone and content to suit purpose and audience
Get the work done	1.1-1.3, 2.1- 2.4, 3.1-3.4, 4.1-4.3	<ul style="list-style-type: none"> Develops plans to manage relatively complex non-routine tasks with an awareness of how they may contribute to longer term operational and strategic goals Uses systematic, analytical processes in complex non-routine situations, setting goals, gathering relevant information and identifying and evaluating options against agreed criteria Actively identifies systems, devices and applications with potential to meet current and/or future needs

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTICT508 Evaluate vendor products and equipment	ICAICT508A Evaluate vendor products and equipment	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion volumes available from the IBSA website:

http://www.ibsa.org.au/companion_volumes -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>