



Australian Government

ICTICT427 Identify, evaluate and apply current industry-specific technologies to meet organisational needs

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 4.0.

Application

This unit describes the skills and knowledge required to identify, evaluate and implement industry-specific technologies to address organisational needs. It involves acquiring industry-specific technologies and obtaining user feedback.

It applies to individuals who support information and communications technology (ICT) activities in the workplace across a wide range of ICT areas, including technical support, network administration, programming, testing, web technologies, software applications and digital media technologies.

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. Identify and select industry-specific technologies	1.1 Interpret organisational needs to design indicators against which industry technologies will be evaluated to determine suitability to the organisation including performance, useability and sustainability indicators 1.2 Research current industry-specific technologies to meet organisational needs 1.3 Evaluate and compare industry-specific technologies against indicators to the potential benefits of industry-specific

	<p>technologies to the organisation against indicators</p> <p>1.4 Select industry-specific technologies to address organisational needs</p> <p>1.5 Acquire industry-specific technologies on the basis of the evaluation and in accordance with organisational procurement procedure</p>
2. Implement industry-specific technologies	<p>2.1 Consult with user to plan and evaluate the implementation of the industry-specific-technologies</p> <p>2.2 Implement industry-specific technologies to address organisational needs</p> <p>2.3 Check and adjust implementation of the industry-specific technologies to meet organisational needs and organisational workplace health and safety (WHS) compliance requirements</p>
3. Obtain user feedback and evaluate industry-specific technologies	<p>3.1 Seek and document user feedback on industry-specific technologies</p> <p>3.2 Evaluate industry-specific technologies against indicators</p> <p>3.3 Adjust industry specific technologies in response to user feedback and evaluation</p>

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Learning	<ul style="list-style-type: none"> Investigates, evaluates and applies information from a range of complex and technical texts to expand own knowledge and identify industry-specific technologies that will benefit the organisation
Reading	<ul style="list-style-type: none"> Identifies and interprets technical online and hard copy documentation containing complex terminology and diagrams to identify industry-specific technologies that will benefit the organisation
Oral Communication	<ul style="list-style-type: none"> Elicits information and feedback by using effective listening and questioning techniques to identify and evaluate industry-specific technologies Uses clear, easy-to-understand language and translates industry-specific terminology into plain English when talking to users
Numeracy	<ul style="list-style-type: none"> Uses numerical information to compare the value of products with regard to quantity, price and quality
Navigate the	<ul style="list-style-type: none"> Recognises and responds to both explicit and implicit protocols within

world of work	<p>familiar work contexts and appreciates the importance of identifying and responding to protocols in new situations</p> <ul style="list-style-type: none">• Recognises and addresses WHS compliance issues
Get the work done	<ul style="list-style-type: none">• Uses key principles and concepts underpinning the design and operation of digital systems and tools, and applies these when evaluating and implementing new industry-specific technologies• Develops plans with an awareness of how they may contribute to meeting organisational needs

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTICT427 Identify, evaluate and apply current industry-specific technologies to meet organisational needs	ICTICT417 Identify, evaluate and apply current industry-specific technologies to meet industry standards	<p>Edits to title, application and elements 1–3 to clarify intent and scope.</p> <p>Edits to assessment requirements to clarify intent.</p>	Equivalent unit

Links

Companion Volume Implementation Guides are available from VETNet -

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