



Australian Government

ICTICT514 Identify and manage the implementation of current industry specific technologies

Release: 1

ICTICT514 Identify and manage the implementation of current industry specific technologies

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 demonstrate and constantly review work processes that ensure that the quality of the business process is maintained for the implementation of specific industry technologies at an identified industry standard.

It applies to individuals engaged in ongoing review and research in order to identify, manage and evaluate the implementation of industry technologies or techniques to improve aspects of the organisation's activities.

Work functions in the occupational areas where this unit may be used are subject to regulatory requirements. Refer to the ICT Implementation Guide Companion Volume or the relevant regulator for details of licensing, legislative or certification requirements.

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. Analyse and plan the implementation of industry specific technologies	1.1 Identify technologies specific to an industry sector 1.2 Acquire industry specific technologies and analyse their relevance to organisational requirements 1.3 Plan the implementation of industry specific technologies where appropriate for the benefit of the organisation
2. Manage the application of industry specific technology to assist in	2.1 Manage the testing of industry specific technology 2.2 Manage the implementation of specific features and

ELEMENT	PERFORMANCE CRITERIA
solving specific organisational problems	functions of industry specific technology to provide a suitable solution to an identified problem 2.3 Demonstrate depth of knowledge of enabling technologies to an accepted industry standard 2.4 Access and use sources of information relating to the industry specific technology
3. Review, analyse and evaluate industry specific technology performance	3.1 Analyse implementation of the industry specific technology for performance and usability 3.2 Review and evaluate the benefits to the organisation 3.3 Determine environmental considerations involved with using the technology 3.4 Seek feedback from users where appropriate

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, 1.2, 2.4, 3.2-3.4	Identifies and interprets technical online and hard copy documentation containing complex terminology and diagrams to identify industry specific technologies that will benefit the organisation
Writing	1.3, 3.1, 3.4	- Uses vocabulary, grammatical structures and terminology and document structure relevant to the job role and organisation - Uses plain English and appropriate questioning strategies, avoiding loaded or leading questions, when developing feedback gathering documentation
Oral Communication	1.1-1.3, 2.1, 2.2, 2.4, 3.1-3.4	Uses clear, easy-to-understand language, translating industry specific terminology into plain English, together with effective listening and open, probing questioning techniques
Navigate the world of work	3.3	Keeps up to date on changes to legislation or regulations relevant to own rights and responsibilities, and considers implications of these when planning work

Get the work done	1.1-1.3, 2.1-2.4, 3.1, 3.2	• Demonstrates a sophisticated understanding of principles, concepts, language and practices associated with the digital world and uses these to troubleshoot and understand the uses and potential of new technology • 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 future needs
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTICT514 Identify and manage the implementation of current industry specific technologies	ICAICT514A Identify and manage the implementation of current industry specific technologies	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for ICTICT514 Identify and manage the implementation of current industry specific technologies

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Performance Evidence

Evidence of the ability to:

- analyse and critically evaluate features and functions of identified industry specific technologies to an industry standard
- manage the implementation of new and emerging industry specific technologies
- review the performance of the industry specific technologies for the organisation.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- describe the trends and applications of current vendor products and technologies
- outline the various techniques for gathering information
- discuss the current directions of information and communications technology (ICT) and specifically of the major industry technology standards used in the specified area
- summarise the general features, capabilities and application of current industry hardware and software products.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the general ICT industry, and include access to:

- a site where industry specific technologies may be used
- industry specific technologies currently used in industry
- documents detailing work health and safety (WHS) standards, environmental guidelines and organisational requirements.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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