



Australian Government

ICTSUS403 Install and test power management software

Release: 1

ICTSUS403 Install and test power management software

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 2.0.

Application

This unit describes the skills and knowledge required to select, install and test power management software in network elements.

It applies to individuals who usually operate with a degree of autonomy, but may also supervise the work of others in the information and communications technology (ICT) industry.

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

Unit Sector

Telecommunications – sustainability

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan to install power management software	1.1 Arrange access to work site according to required procedure 1.2 Assess extent of software implementation using feasibility report and organisational guidelines 1.3 Liaise with appropriate person to obtain approval for plans 1.4 Determine and source new software required
2. Install software	2.1 Bench test software for performance

	2.2 Install and configure software according to work health and safety (WHS) and environmental requirements, plan, installation procedures and organisational requirements 2.3 Resolve identified technical problems
3. Complete documentation and sign off procedures	3.1 Document installation and configuration process according to organisational guidelines 3.2 Provide user documentation 3.3 Notify client and obtain sign off

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, 2.2, 3.1	Identifies, analyses and evaluates technical installation manuals and other text to determine legislative, regulatory and technical requirements
Writing	1.3, 3.1-3.3	Prepares reports that convey an understanding of outcomes and alternatives, and uses terminology appropriate to present to relevant personnel
Oral Communication	1.3, 3.3	- Articulates clearly using specific language suitable for technical, operational and business audiences to convey requirements - Uses listening and questioning techniques to confirm understanding
Navigate the world of work	1.1, 1.2, 2.2, 3.1	Recognises and responds to both explicit and implicit organisational procedures and protocols, and legislative and regulatory requirements
Interact with others	3.3	Selects the appropriate form, channel and mode of communication for a specific purpose relevant to own role
Get the work done	1.1, 1.2, 1.4, 2.1-2.3	- Develops plans to manage relatively complex, non-routine tasks with an awareness of how they may contribute to longer term operational and strategic goals - Systematically gathers and analyses all

		relevant information and evaluates options to make informed decisions • Reflects on the ways in which digital systems and tools are used or could be used to achieve work goals, and recognises strategic and operational applications • Recognises and takes responsibility for addressing predictable and some less predictable problems in familiar work contexts
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTSUS403 Install and test power management software	ICTSUS4185A Install and test power management software	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 ICTSUS403 Install and test power management software

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Performance Evidence

Evidence of the ability to:

- clarify and meet client requirements for installation and testing of power management software
- plan and connect the software components according to vendor and technical specifications across a variety of situations.

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:

- identify areas of the hardware relevant to configuration and testing
- explain current industry-accepted software products, with general features and capabilities
- summarise appropriate installation procedures
- outline work health and safety (WHS) requirements in relation to work safety, environmental factors and ergonomic considerations
- explain power saving software functionality
- describe set up and configuration procedures
- discuss systems diagnostic features
- explain vendor specifications and requirements for component installation.

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 telecommunications – sustainability field of work and include access to:

- a site on which energy saving solutions can be implemented
- power saving hardware currently used in industry
- relevant documentation, feasibility studies, equipment manuals and other site-related documentation.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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