



Australian Government

MSS405063 Develop the application of enterprise control systems in an organisation

Release: 1

MSS405063 Develop the application of enterprise control systems in an organisation

Modification History

Release 1. Unit code changed. Application changed. Performance criteria changed. Range of conditions removed. Assessment requirements changed. Supersedes and is equivalent to MSS405060 Develop the application of enterprise control systems in an organisation.

Application

This unit describes the skills and knowledge required to continuously modify and improve or develop new enterprise-wide information technology (IT) based control systems, such as Supervisory Control and Data Acquisition (SCADA), Enterprise Resource Planning (ERP), Materials Resource Planning (MRPII) and similar.

Typically, the development of such a system will be in liaison with an appropriate technical expert who may be an internal expert or an external consultant.

This unit applies to an individual responsible for the development and implementation of new systems or modifications to the current system. While the individual might generate the ideas for change themselves and undertake a significant part of the final implementation, they may also be working closely with an appropriate technical expert (such as the software system supplier) who may actually make the modifications.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

Nil.

Competency Field

Competitive systems and practices

Unit Sector

Elements and Performance Criteria

Elements	Performance Criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1. Monitor information and	1.1	Check the use of current information

control needs of organisation	1.2	Check the operation of current control systems
	1.3	Communicate with key information users regarding new or changed information control needs, including information needs from and to value stream
	1.4	Identify short comings in information and control provision
	1.5	Act on information and control needs to meet organisational needs
2. Check current system against organisation needs	2.1	Check the routine use of the system
	2.2	Check system alarm or non-conformance notification and control operation
	2.3	Communicate with key stakeholders about current system use and application
	2.4	Determine effect of non-conformance on enterprise system
	2.5	Identify problems and issues and address in accordance with procedures
3. Determine developments needed in a new or significantly modified system	3.1	Identify needs requiring a new system or development of modifications to the current system
	3.2	Draft scope, specifications and outcomes required
	3.3	Liaise with key stakeholders and technical experts to refine scope, specifications and outcomes needed in new or modified system
	3.4	Agree final scope, specifications and outcomes
4. Develop system	4.1	Develop written project plan
	4.2	Facilitate ongoing consultation with stakeholders
	4.3	Manage development project
	4.4	Manage trialing of modified system
	4.5	Ensure modified system meets organisational requirements

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

Supersedes and is equivalent to MSS405060 Develop the application of enterprise control systems in an organisation.

Links

The MSS Sustainability Companion Volume Implementation Guides are available from VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>

Assessment Requirements for MSS405063 Develop the application of enterprise control systems in an organisation

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- developed the application of enterprise control system for an organisation for at least 1 of the following purposes:
 - development and implementation of new system
 - modifications to the current system.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- capability of resource planning, SCADA systems
- information and control needs of organisation and processes
- project management principles
- support, training, skill development mechanisms available for access by personnel.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions, contingencies, facilities, equipment and resources.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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