



Australian Government

MSS404063 Facilitate the use of SCADA systems in a team or work area

Release: 1

MSS404063 Facilitate the use of SCADA systems in a team or work area

Modification History

Release 1. Unit code changed. Application changed. Performance Criteria changed. Foundation Skills populated. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to MSS404061 Facilitate the use of SCADA systems in a team or work area.

Application

This unit describes the skills and knowledge required to use Supervisory Control and Data Acquisition (SCADA), or a SCADA type system, and support others to use the system.

This unit applies to team leaders, technical experts, maintenance personnel and others who, in addition to using the SCADA type system, are required to facilitate and support its use by others in a team or work area.

This unit applies to any organisation that uses a SCADA type system.

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

Competency Field

Competitive systems and practices

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. Identify scope of SCADA system	1.1 Identify categories of information held in and control options of SCADA system relevant to team or area 1.2 Identify range of information able to be provided to SCADA system by team 1.3 Identify range of information able to be provided to team by SCADA system 1.4 Identify team or area functions impacted by SCADA system
2. Communicate using SCADA system	2.1 Send and receive information using SCADA 2.2 Send and receive messages using SCADA

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
3. Make decisions using SCADA	3.1 Interrogate the SCADA system to find required current, historical or predicted information 3.2 Take actions appropriate to the information
4. Monitor the use of SCADA	4.1 Monitor SCADA information according to procedures 4.2 Identify poor uses of SCADA system within team and system inadequacies 4.3 Identify system improvements required 4.4 Take action to improve SCADA system and its use
5. Support team use of SCADA	5.1 Regularly communicate with team, both using SCADA-based communication and face to face 5.2 Identify skill improvement needs to support SCADA use 5.3 Identify team members who require additional support 5.4 Take action to provide support according to procedures

Foundation Skills

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

- Reading skills to communicate using SCADA messaging
- Writing skills to communicate using SCADA messaging
- Oral communication skills to facilitate engagement from team members and provide assistance
- Numeracy skills to interpret and explain SCADA system and data.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSS404061 Facilitate the use of SCADA systems in a team of work area.

Links

Companion Volume Implementation Guides are found in VETNet – -

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

Assessment Requirements for MSS404063 Facilitate the use of SCADA systems in a team or work area

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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 demonstrated the ability to:

- use SCADA type system to obtain and interrogate information and apply to decision-making
- facilitate use of SCADA type system including:
 - identify skills or other support needed for at least 2 people
 - identify at least one system improvement
 - take action on each of the above, according to procedures.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- hierarchy of SCADA type system and operation
- information available from and controls exercised by/through the SCADA type system
- query, control and other facilities and information offered by SCADA type system
- training, skill development and/or other mechanisms available to support team members.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources:
 - functioning SCADA type system
- modelling of industry operating conditions.

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

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