



Australian Government

CPPSIS4038 Prepare and present GIS data

Release: 1

CPPSIS4038 Prepare and present GIS data

Modification History

Release 1.

Replaces superseded equivalent CPPSIS4038A Prepare and present GIS data.

This version first released with CPP Property Services Training Package Version 3.

Application

This unit of competency specifies the outcomes required to prepare and present a range of geographic information system (GIS) data using various media. The unit covers consulting and assessing to identify display specifications, and selecting and applying appropriate data formats and presentation media. The unit also covers gathering feedback as the basis for implementing quality improvements. It requires the ability to translate client requirements into an appropriate design and layout, and to adhere to copyright requirements and drawing standards to ensure quality of output.

The unit supports those who work in technical support positions in a surveying and spatial information services team.

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

Pre-requisite Unit

Nil

Unit Sector

Surveying and spatial information services

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.

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| 1. Prepare for display of GIS data. | 1.1. Display specifications are determined in consultation with <i>appropriate persons</i> . |
| | 1.2. Extent, content and intended use of output are assessed, and display format and medium are selected according to organisational requirements. |
| | 1.3. Hardware, software and other equipment are set up and |

checked to ensure correct operation and functionality, and that compliance requirements are met.

2. Format GIS data.
 - 2.1. Spatial datasets are accessed and compiled to meet display specifications.
 - 2.2. Data formats are transformed to meet specifications.
 - 2.3. Formatted data is checked to ensure compatibility and quality according to display specifications.

3. Display GIS data.
 - 3.1. Spatial data is presented according to display specifications and organisational requirements.
 - 3.2. Feedback on display is obtained from appropriate persons using simple question and answer process.
 - 3.3. Feedback is analysed to identify improvements, and display is rectified according to organisational requirements.

Foundation Skills

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

Skill	Performance feature
Initiative and enterprise skills to:	<ul style="list-style-type: none"> • translate client requirements into spatial data design and layout.
Learning skills to:	<ul style="list-style-type: none"> • research and source GIS data.
Oral communication skills to:	<ul style="list-style-type: none"> • ask questions and listen to responses provided during the feedback process.
Reading skills to:	<ul style="list-style-type: none"> • interpret graphical information in GIS data.

- Writing skills to:
- communicate orders for sourcing spatial data
 - record details of quality improvements.
- Technology skills to:
- use computer and software applications to access and manipulate spatial data
 - use querying commands to obtain information from databases.
- Problem-solving skills to:
- resolve problems in data compatibility.

Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

- Appropriate persons*** must include at least one of the following:
- client
 - end user
 - supervisor or line manager.

Unit Mapping Information

CPPSIS4038A Prepare and present GIS data

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>