



Australian Government

**Assessment Requirements for ICTTEN803
Translate domain and solution
architectures into platform requirements
and designs**

Release: 1

Assessment Requirements for ICTTEN803 Translate domain and solution architectures into platform requirements and designs

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- develop system design requirements
- evaluate design concepts for system or system element using complex simulations
- produce a system design using domain specific strategy to platform requirements and design
- use functional analysis tools
- verify solution design and traceability.

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:

- explain complex simulation techniques
- summarise current enterprise platforms and designs
- outline design of management plans
- explain domain and solution architectures
- determine and summarise technological issues for a specified enterprise
- outline information required to simulate computer system elements according to a test specification
- explain interdisciplinary concepts and attributes
- explain life cycle design attributes
- contrast remedial actions and select control for inconsistencies
- explain solution design and traceability
- provide a detailed summary of tools required to conduct functional analysis.

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 should be typical of those experienced in the Telecommunications – Telecommunications Networks Engineering field of work and include access to:

- a site where development, deployment, management and optimisation of domain and solution architectures into platform requirements and designs can be undertaken
- documentation, modelling and simulation tools currently used in industry
- tests and equipment currently used in industry.

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>