



Australian Government

ICTDBS408 Link an RFID system to a database

Release: 1

ICTDBS408 Link an RFID system to a database

Modification History

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

Application

This unit describes the skills and knowledge required to transfer radio frequency identification (RFID) data to a database.

It applies to individuals who are required to maintain RFID data and make it available to an RFID system.

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

Unit Sector

Database

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine the data mapping and integration requirements	1.1 Identify and document the format of the data from the RFID system, including data schema 1.2 Collect the required data, target database requirements and implementation details, ensuring the uniqueness of entries
2. Perform data transition	2.1 Write and test conversion programs, and use conversion tools 2.2 Ensure clean data take-on by converting according to database requirements 2.3 Use database adaptors and interfaces for data transition
3. Check data transition	3.1 Verify that the data transition has been completed,

ELEMENT	PERFORMANCE CRITERIA
	according to the requirements 3.2 Document programs, procedures and processes, according to the requirements of the client 3.3 Provide conversion reports to the client for 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, 3.1	Analyses and interprets textual information to establish requirements and verify data
Writing	1.1, 1.2, 2.1, 3.2, 3.3	Uses appropriate technical language, format and layout when recording data and producing technical documentation
Oral Communication	1.1, 1.2, 3.1, 3.3	Uses active listening, questioning and summarising skills when gathering information and negotiating best project outcome
Get the work done	1.1, 1.2, 2.1, 2.2, 2.3, 3.1	- Sequences and schedules complex activities, monitors implementation, and manages relevant communication during data mapping and integration requirements - Uses familiar digital technologies and systems to access information, search and enter data and code, present information and communicate with others, cognisant of data security and safety

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTDBS408 Link an RFID system to a database	ICADBS408A Link an RFID system to a database	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>