

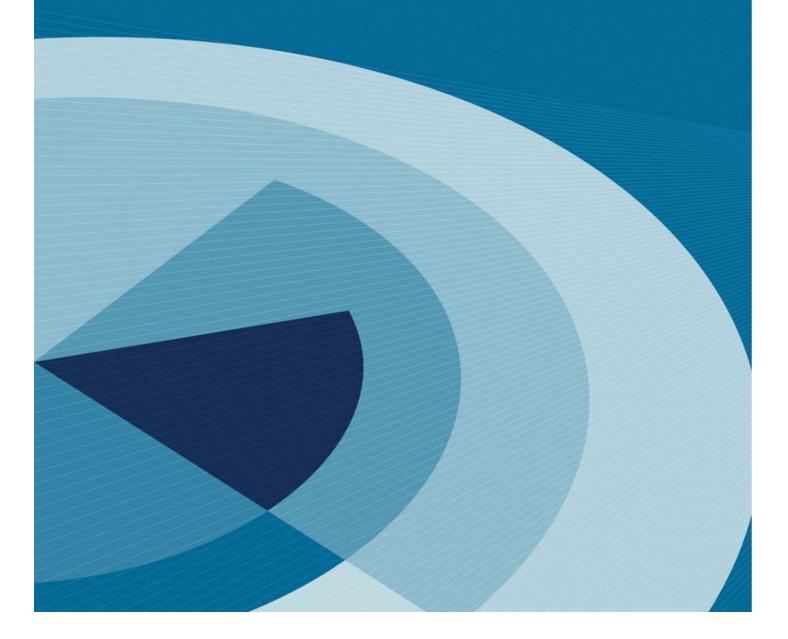
Version:

February 2014 Version 3.0



Online Data Delivery System

Client User Guide





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Revision History

Date	Version	Change	Author
April 2010	2.0		
August 2013	2.1	Review and Update	Darryl Gibson
February 2014	3.0	Addition of SFTP distribution process	Darryl Gibson



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Introduction

Document Purpose

This document provides instructions on how to navigate and use the PSMA Online Data Delivery System.

Audience

This document is intended to be used by PSMA customers operating with 'Client' access to the Online Data Delivery System website. 'Client' access provides the ability to obtain data as detailed in your agreement with PSMA.

References

• LYNX Data Importer User Guide

Support

PSMA Australia Support PSMA Australia Limited Email: <u>support@psma.com.au</u> Web: <u>www.psma.com.au</u>



Overview

PSMA Australia's Online Data Delivery System is a warehouse to hold, quality assure and distribute PSMA Australia's suite of national spatial datasets.

The Online Data Delivery System provides a secure facility for PSMA Australia's Contributors and Data Managers to supply and receive data updates, and for Clients to access the latest PSMA Australia data releases.



Getting Started

PSMA Online Data Delivery System Website

The URL for the Online Data Delivery System website is:

https://services.psmasystems.com.au/lynx/smarty/application/sdw_online/login.php

Alternatively, you can click on the link provided on the homepage of the PSMA Australia website (<u>www.psma.com.au</u>)

Logging In

Each Online Data Delivery System user is assigned a Username and Password. This username and password will be unique for each user rather than the organisation. If you require another user account to be set up for your organisation, please contact PSMA Support (support@psma.com.au).

When your account is first set up, you will receive an email message with instructions containing your Username and Password to log in for the first time.

PSMR Systems				
Online Data De	livery			
User Name	jcitizen	*		
Password	•••••	*	Log in	Close

Licence Agreement

When logging into the Online Data Delivery System for the first time, you must accept the Licence Agreement before you can access the system.

Licence Information
Licence Agreement:
I agree to ensure that my password and username will be kept secure, confidential and not revealed to any other person.
Furthermore, I agree not to permit any other person to use my account unless authorised by FSMA Australia. I agree to notify FSMA Australia immediately of any unauthorised use of my account or any other breach of security.
By consenting to utilise the PSMA Australia Online Data Delivery System per below, I acknowledge that:
 My contribution to and/or utilisation of, the PSMA Data, is based on a pre-existing agreement between PSMA Australia (or its related entity), and a known entity which has co-ordinated my access; and As a consequence of the referred agreement, I may be liable for any unauthorised use of the PSMA Data.
I Agree I Disagree Close

Change Password

It is recommended to change your initial password once you have logged into the system for the first time.



Menu and Functions

The options displayed in the system menu bar are dependent on the current user's access settings. There are four main items in the top menu bar:

- Noticeboard
- Obtain Data
- Reports
- Log Out

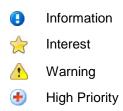
Noticeboard

The Noticeboard is the first screen displayed when you have logged in.

The Noticeboard shows important messages and announcements specific to the current user, as well as providing convenient hyperlinks to functions. The messages are generated by the system. The message will only disappear once the required action has been completed, or if the message expires.

PSMR SYSTEMS			01:04 PM Tuesday, August 6, 2013	Logged in as John Citizen Edit your details
Noticeboard	Obtain Data	Reports		Log out
Welcome to our onlin	e data delivery system	n, a cutting-edge ware	ehouse to hold, quality assure and distribute	our suite of national datasets.
	updates, and for Clients		vide a secure facility for PSMA Australia's Data C MA Australia data releases. If you have any prot	
Noticeboard				
Welcome Joh	n Citizen. The date/time	of your previous activit	y on Lynx was on: 06/08/2013 01:03:39PM	
Edit your details				
All content © Copyrig	ht PSMA Australia.			

The message icon reflects the priority of the message:



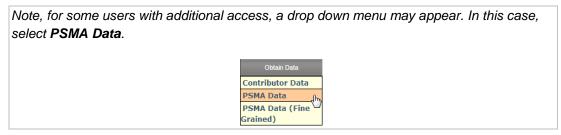


Obtain Data

The Obtain Data section of the Online Data Delivery System enables clients to request PSMA Australia Data Releases by download or via a DVD request.

When a client requests data for download the requested files will be transferred to a SFTP server. The client will receive an email message when the transfer is completed stating that the data is now ready for download. FTP Client software is used by the client to access the SFTP location and obtain the files.

To access the Obtain Data section, click Obtain Data on the menu bar.



The *Obtain PSMA Data* screen will be displayed. It will list PSMA Australia's suite of datasets. Only those datasets licenced by the current user will be available. Click the dataset title or the **Get Now** button to select a dataset for download.

Notice	board Obtain Data	Reports		Log out
nouce	obarto Obtain Data	Reports		
btain P	SMA Data			
20	Administrative Boundaries			
6	Boundaries in themes from electors	I to suburbs	Get now	
	CadLite Australia's 10.4 million land parcels	including suburb names	Get now	
Line -				
POLICE	Features of Interest Features of Interest		Not Licenced	
	G-NAF			
	An index of all Australian addresses		Get now	
	Land Tenure Land Tenure Information for Cadas	tre Parcels	Not Licenced	
~			Not Licenced	
	Postcode Boundaries PSMA Australia's Postcode Bounda	ries	Get now	
	Transport and Topography			
	Road, rail, rail stations & air infrastr	ucture, parks & water bodies	Get now	
dit your	details			

Get now	Click Get Now to select the required Release.
Not Licenced	Displayed if the current user is not licensed to obtain the corresponding
	dataset.



Obtain PSMA Data – Select Release

When you click the dataset name or the **Get Now** button the *Obtain PSMA Data - Select Release* page is displayed. This page allows clients to access data releases for download or DVD request. The releases that are available to the Client are displayed. Next to each release listing, the supply type available (ie. 'Full' or 'Incremental') will be listed.

PSMR SYSTEMS			04	:51 PM Friday, February 1	14, 2014	Logged in as John Citizen Edit your details
Noticeboard		Reports				Log out
Obtain PSMA Data -	Select Release					
G-NAF An index of	all Australian addresses				Actions	Go back
Available Releases:						
NOVEMBER 2013		Full	Select	Request DVD		
NOVEMBER 2013		cremental	Select			
AUGUST 2013		cremental	Select			
MAY 2013		cremental	Select			
FEBRUARY 2013		cremental cremental	Select			
NOVEMBER 2012			Select			
AUGUST 2012	Inc	cremental	Select			
Note: To use data in	the 'Lynx' format y	ou will need to i	nstall the Ly	nx Importer which ca	n be <u>download</u>	led from here.
Edit your details						
All content © Copyright	PSMA Australia.					

Select	Clicking this link will display the <i>Obtain PSMA Data – Request</i> page where clients can request the available data.
Request DVD	Clicking this link will display the <i>Obtain PSMA Data - Request DVD</i> page where clients can send a DVD request.
Go back	Returns the user to the Obtain PSMA Data screen.
•	ovided to download an installer for the LYNX Data Importer application.

This application is required if you are acquiring PSMA data in the LYNX proprietary format. For more information see the LYNX Data Importer User Guide.



Obtain PSMA Data – Request

Clicking on the **Select** hyperlink for the required release of PSMA Australia data will display the *Obtain PSMA Data - Request* page. This page provides the links to request the files associated with a data release.

PSINA SYSTEMS			02:11 PM Wednesday, Au	gust 7, 2013	Logged in as John Citizen Edit your details
Noticeboard	Obtain Data	Reports		_	Log out
Obtain PSMA Data	- Request				
	rt and Topography rail stations & air infrastructur	e, parks & water bodies		Actions	Request All Go back
Profile	Compressed Size	Request Now	Layers In Profile		
ACT	(MB) 35.0	Request	Airports (AUGUST 2009),Greenspace (AUGUST 2013),Rail (NOVEMBER 2011),Rail Stations (NOVEMBER 2011),Roads (NOVEMBER 2013)		
NSW	1486.7	Request	Airports (AUGUST 2009),Greenspace (AUGUST 2013),Hydrology (NOVEMBER 2012),Rail (NOVEMBER 2011),Rail Stations (NOVEMBER 2011),Roads (NOVEMBER 2013) Airports (AUGUST 2009),Greenspace (AUGUST 2019),Uddelsey (AUGUST		
Edit your details					
All content © Copyrigh	nt PSMA Australia.				
Format	the se LYNX include Oracle	elected data Proprietary Bi es files with the	set, the available for nary format: Requires extension *.lynx rmat: An Oracle databa	ormats may LYNX Importe	r application. This format

Pipe Separated Value (PSV) format: A text file using the "|" symbol as a values delimiter. This format provides files with the extension *.psv

MapInfo TAB format: The MapInfo TAB format is a popular geospatial vector data format for geographic information systems software. It is developed and regulated by MapInfo as a proprietary format. TAB files support geospatial standards such as Open GIS, OGC, ISO, W3C and others. This format includes files with the extensions: *.tab, *.dat, *.id, *.map.

ESRI Shapefile format: A widely accepted spatial data format for use with spatial applications. This format includes files with the extensions: *.shp, *.shx, *.dbf

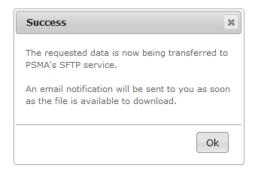
Compressed Size The size of the associated file for downloading. **(MB)**



Request	Clicking this hyperlink will send a data request for the adjacent Profile.
Layers in Profile	Displays the Layers of the selected PSMA Australia Dataset that have been updated in the selected Release for the adjacent Profile
Request All	Clicking this button will send a request to obtain all the Profiles listed for the selected data release.
Go back	Returns the user to the Select Release screen.

Request Confirmation

Once a request has been sent a prompt will be displayed confirming that the request is being processed and that the requested data is being transferred to the SFTP server.



Email Messages

Successful

Once the system has successfully created the requested data file and transferred it to the SFTP server, an email message will be sent to the requestor advising that the data is ready to download.

The email message will specify the name and size of the file for download.

See <u>Downloading Data from the SFTP Server</u> for information on accessing and downloading data from the SFTP server.

Note, requested data will only remain available on the SFTP server for 7 days.

Unsuccessful

If the system is unable to create or transfer the data file to SFTP then an email advice will be sent to the requestor. In the event you recieve an unsuccessful message please contact PSMA Support (<a href="support@supportssupport



Obtain PSMA Data – Request DVD

Clicking on the **Request DVD** hyperlink for the required data release will display the *Obtain PSMA Data* – *Request DVD* page. This page provides the links to request a data release issued on DVD to be mailed to you using your organisation's address details.

👂 Lynx - Go	ogle Chrome	
https://se	ervices.psmasystems.com.au/lynx/smarty/application/sdw_online/obtain_p	sma_data_request.php
Obtain P	SMA Data - Select Release - Obtain PSMA Data - Request DVD	
HE	G-IIAF An index of all Australian addresses	
Lynx P	the required format for your DVD data supply: roprietary Binary Format	
	11g Dump Format	
Pipe S	eparated Value	
		Request DVD Close

includes files with the extension: *.dmp Pipe Separated Value (PSV) format: A text file using the " " symb as a values delimiter. This format provides files with the extension *.psv MapInfo TAB format: The MapInfo TAB format is a popular geospatial vector data format for geographic information systems		
application. This format includes files with the extension *.lynx Oracle 11g Dump format: An Oracle database format. This format includes files with the extension: *.dmp Pipe Separated Value (PSV) format: A text file using the " " symb as a values delimiter. This format provides files with the extension *.psv MapInfo TAB format: The MapInfo TAB format is a popular geospatial vector data format for geographic information systems software. It is developed and regulated by MapInfo as a proprietary format. TAB files support geospatial standards such as Open GIS, OGC, ISO, W3C and others. This format includes files with the extensions: *.tab, *.dat, *.id, *.map. ESRI Shapefile format: A widely accepted spatial data format for use with spatial applications. This format includes files with the extensions: *.shp, *.shx, *.dbf Request DVD Confirm and send the DVD request.	 Oracle 11g Dump Format 	
includes files with the extension: *.dmp Pipe Separated Value (PSV) format: A text file using the "]" symb as a values delimiter. This format provides files with the extension *.psv MapInfo TAB format: The MapInfo TAB format is a popular geospatial vector data format for geographic information systems software. It is developed and regulated by MapInfo as a proprietary format. TAB files support geospatial standards such as Open GIS, OGC, ISO, W3C and others. This format includes files with the extensions: *.tab, *.dat, *.id, *.map. ESRI Shapefile format: A widely accepted spatial data format for use with spatial applications. This format includes files with the extensions: *.shp, *.shx, *.dbf Request DVD Confirm and send the DVD request.		
as a values delimiter. This format provides files with the extension *.psv MapInfo TAB format: The MapInfo TAB format is a popular geospatial vector data format for geographic information systems software. It is developed and regulated by MapInfo as a proprietary format. TAB files support geospatial standards such as Open GIS, OGC, ISO, W3C and others. This format includes files with the extensions: *.tab, *.dat, *.id, *.map. ESRI Shapefile format: A widely accepted spatial data format for use with spatial applications. This format includes files with the extensions: *.shp, *.shx, *.dbf Request DVD Confirm and send the DVD request.		Oracle 11g Dump format: An Oracle database format. This format includes files with the extension: *.dmp
geospatial vector data format for geographic information systems software. It is developed and regulated by MapInfo as a proprietary format. TAB files support geospatial standards such as Open GIS, OGC, ISO, W3C and others. This format includes files with the extensions: *.tab, *.dat, *.id, *.map. ESRI Shapefile format: A widely accepted spatial data format for use with spatial applications. This format includes files with the extensions: *.shp, *.shx, *.dbf Request DVD Confirm and send the DVD request.		·
use with spatial applications. This format includes files with the extensions: *.shp, *.shx, *.dbf Request DVD Confirm and send the DVD request.		geospatial vector data format for geographic information systems software. It is developed and regulated by MapInfo as a proprietary format. TAB files support geospatial standards such as Open GIS, OGC, ISO, W3C and others. This format includes files with the
		use with spatial applications. This format includes files with the
Close Exit the screen without sending the DVD request.	Request DVD	Confirm and send the DVD request.
	Close	Exit the screen without sending the DVD request.

After clicking **Request DVD** a confirmation screen will appear with a summary of the request. A DVD with the requested data will be dispatched within 2-5 business days.



💿 Lynx - Google Chrome	
https://services.psmasystems.com.au/lynx/smarty/applicatio	n/sdw_online/obtain_psma_
Obtain PSMA Data - Select Release - Obtain PSMA D	ata - Requested DVD
Your request has been lodged and will be processed shortly.	
	The DVD will be posted to:
	John Citizen
	PSMA (Client)
	Unit 6, 113 Canberra Av
	GRIFFITH ACT 2603
	Close

Important Note

If the displayed address details are incorrect, please email the correct details to PSMA Support (<u>support@psma.com.au</u>) as soon as possible to ensure the reliable delivery of your DVD.



Downloading Data from the SFTP Server

The PSMA SFTP service provides a download facility for clients to obtain their requested data. To access and use this service you will require FTP Client software that supports SFTP protocol.

Connecting to the PSMA SFTP Service

Connection Details

You will need the following details to connect to the PSMA SFTP server:

Host Name (Server): files.psmasystems.com.au

Port: 8822

Protocol: SFTP

Username and Password

Note: You will have received a message from PSMA containing your username and password. If you have not received the message or have misplaced your details please contact PSMA Support (support@psma.com.au)

Connecting to the SFTP Server

To initiate a connection you will need to open your FTP Client software and enter the connection details.

The method of entering these details may vary between different products. If you are unsure, refer to the Help information provided with your FTP Client software product. Below is an example of the SFTP details entered into *FileZilla* FTP Client software.

Site Manager		×
Select Entry:	General Adv	vanced Transfer Settings Charset
SMA	Host:	files.psmasystems.com.i Port: 8822
	Protocol:	SFTP - SSH File Transfer Protocol
	Logon Type:	Normal
	User:	psma_dient_test
	Password:	•••••
	Account:	
	Comments:	
New Site New Folder		*
New Bookmark Rename		
Delete Duplicate		T
Connect	ОК	Cancel

Once the details are entered, click the **Connect** or **Login** button to initiate the connection.

Note: The first time you connect using SFTP you may get an "Unknown certificate" or "Unknown Server" prompt. This is expected behaviour. Follow the prompts to trust the PSMA SFTP service.



If you are unable to connect successfully check to see that you have entered all the details correctly and try again. If the connection issues continue contact PSMA Support (<u>support@psma.com.au</u>) for assistance.

Downloading Files

Once you have successfully connected, the FTP Client interface is usually divided into two folder panes. The pane on the left shows the files and folders on your local computer or network (your Desktop, My Documents, localshare, etc) and the pane on the right displays the folders and files on the PSMA SFTP server.

Note: The value FTP Clients show for file sizes on the SFTP server is not correct. Please refer to your notification email for the correct file size.

File transfers are made by simply dragging and dropping files from the PSMA SFTP server pane (right-side) to your computer (left-side).

Your FTP Client software should display the progress of your file transfer in a status window or similar. You will be able to access and work with the file on your local site once the transfer is complete.

🔁 PSMA - sftp://psma_client_test@files.psmasystems.com.au:8822 - FileZilla								
File Edit Viev	v Transfer Se	erver Book	marks Help					
1 1 - 17:	r: 🔁	11 12	* 🖉 🔳 🕵 3	ň				
Host:	Use	ername:	P	assword:	P	ort:	Quickconnec	t 🔻
Status: Response: Command: Status: Command: Status: Command: Response: Command: Status: Status: Local site: sbs\// Besktop B	fzSftp started open "psma_clic Pass: #******* Connected to fi Starting downlo dt "home/CLIE New directory is get "test.but" remote:/home/ File transfer suc findows7Shared\/ cournents buter (OS)	ent_test@file * iles.psmasyst ad of /home/ NT_TEST" s: "/home/CLI S: "/home/CLI S: "/home/CLI S: "/home/CLI CLIENT_TEST ccessful, tran	'CLIENT_TEST/test.t IENT_TEST" ndows7Shared\Darr '/test.txt => local:\\ sferred 0 bytes in 1	.au" 8822 xt ylG\Documents psmasbs\Windo	ws7Shared\Darryk		Wy Data\test.tx	t E v
Filename		Filesize	Filetype	Filename	~		Filesize	Filetyp
in test.txt	Lest.bt 0 Text Document 1 test.bxt 0 Text D							
•			۶.	•				*
1 file. Total size: 0	1 file. Total size: 0 bytes Selected 1 file. Total size: 0 bytes							
Server/Local file		Direction	Remote file		Size	Priority	Time	
<pre>sftp://psma_c \\psmasbs\\</pre>	:lient_test@file Windows7Shar		/home/CLIENT_1	TEST/test.txt	0	Normal	23/01/2014 2:2	25:10 PN
(الله الله الله الله الله الله الله الل								
Queued files	Queued files Failed transfers Successful transfers (1)							
	🔐 🚥 Queue: empty 🔍 🔍 💮							



Other Features

Additional features of FTP Client software include the ability to transfer multiple files at a time and auto resuming of transfers. Please refer to your specific FTP Client software documentation for more information on these features.



Reports

The Reports section enables clients to view and download a range of documents and reports including User Guides, Release Reports, Product Descriptions and Data Dictionaries.

To access this section, select **Reports** in the menu bar.

PSMR Systems			03:09 PM Wednesday, August 7	7, 2013	Logged in as John Citizen Edit your details
Noticeboard	Obtain Data	Reports			Log out
Reports					
Lynx User Guides				hfð	
Client Us Public Reports	er Guide				
Release	Reports				
	egrated Database Diagra		A3 Landscape)		
PSMA Int	egrated Database Data D	ictionary			
Edit your details					
All content © Copyr	ght PSMA Australia.				



Editing Your Details

The *Edit Your Details* page enables the current user to view and edit their personal details. **Edit your details** links can be found at the top-right or bottom-left of the system pages.

PSITIR			41-83 PM Tanaday, August 6, 2013	Edit your details
Substant	Clatter Suite	Topolis		Lagrad
Wielcome to our cellin	e data delivery system,	a cutting edge war	scheame to bold, quality assure and distribut	te our suite of national datasets.
	updates, and for Clients I		ovide a secure facility for PSMA Australia's Cata 2006 Australia data releases. If you have any pr	
Netliceboard				
O Walcome Joh	n Olizen, The date/firms o	f your previous activi	by an Lyrox wass any No record of last access	
	1			
	2			
Edit your details				

Clicking on the Edit your details links displays the Edit My User Details page.

PSMR SYSTEMS			03:15 PM Wednesda	ay, August 7	, 2013	Logged in as John Citizen Edit your details
Noticeboard	Obtain Data	Reports				Log out
Edit My User Detai	ls					
Organisation	PSMA (Client)		*		e	E
User Name	jcitizen *					
Password:	•••••	Change				
Full Name	John Citizen		*			
E-Mail	john.citizen@psma.com.au		*			
Business Phone						
Mobile Phone						
Fax Number						
				Save		
						-

Organisation	[Read-only] Displays the organisation of which the current user is a member.			
User Name	[Read-only] Displays the login user name of the current user.			
Password	Click Change to change your password. See 'Changing Your			



	Password' below.
Full Name	The full name of the current user.
E-Mail	The email address of the current user.
Business Phone	[Optional] The business phone contact number of the current user.
Mobile Number	[Optional] The mobile phone contact number of the current user.
Fax Number	[Optional] The facsimile contact number of the current user.
Save	Click to save your changes. Note, if you do not click the Save button any changes you have made will be lost.

Changing Your Password

To change your password, click the **Change** button on the *Edit My User Details* page. The *Edit My User Details* – *Edit Password* page is displayed.

💿 Lynx - Google Chrom	e			x
https://services.psm	asystems.com.au/lynx/si	marty	/applic	ation/sdw
Edit My User Detail	s - Edit Password			
New Password		*		
Confirm Password		*		
			ОК	Cancel

Enter your new password into the **New Password** and **Confirm Password** fields.

ОК	Click to confirm and save the change to your password.
Cancel	Click to cancel the change to your password and return to the <i>Edit My</i> User Details page.



Other Information

Dataset Naming Conventions

PSMA Australia currently licence seven datasets to clients. These datasets are shown in the table below, broken down by their Themes and Layers. These naming conventions of PSMA Australia's datasets are extremely important to the Online Data Delivery System's functionality.

Dataset	Themes	Layers
Administrative Boundaries	ABS Boundaries	Mesh Blocks (MBs)
		Mesh Blocks (MBs) 2011
		Indigenous Location (ILOC)
		Indigenous Areas (IARE)
		Indigenous Region (IREG)
		Remoteness Areas (RA)
		Socio-Economic Indexes for Areas (SEIFA)
		Urban Centre Localities /Section of State
		Significant Urban Areas (SUA)
	Electoral Boundaries	Commonwealth Electoral Boundaries
		State Electoral Boundaries
	Local Government Areas (LGAs)	Wards
	Suburbs/Localities	
	State Boundaries	
	Town Points	
CadLite	Cadastre	
	Property	
G-NAF	Geocoded physical addresses	
G-NAF Lite	Physical addresses	
Land Tenure	Land Tenure	
Features of Interest	Features of Interest	
Postcodes	Australia Post spatial postcodes	Postcode Polygons
	-	Postcode Centroids
Transport & Topography	Transport	Roads
		Rail
		Rail Stations
		Airports
	Hydrology	Hydrology
	Greenspace	Greenspace



Understanding and Using PSMA Data

Information to assist you with understanding, applying and integrating PSMA data is contained in the Product Descriptions available from the PSMA Australia website: (www.psma.com.au/insights/technical-information/)

Further Information

If you require further information about PSMA's Online Data Delivery System, please contact:

PSMA Australia Support

PSMA Australia Limited Email: support@psma.com.au Phone: 02 6260 9099