



**PSMA**

AUSTRALIA  
LIMITED

Product Description

**Points of Interest**

**Version 1.3**

**November 2010**



## Points of Interest Product Description

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Under Re-Development

November 2010

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Under Re-Development

Published by  
**PSMA Australia Limited**  
ABN 23 089 912 710  
Level 2, 113 Canberra Avenue  
GRIFFITH ACT 2603 Australia  
Phone: +61 2 6260 9000  
Fax: +61 2 6260 9001

Email: [enquiries@psma.com.au](mailto:enquiries@psma.com.au)  
<http://www.psma.com.au>

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# 1 General Information

## 1.1 Custodian

PSMA Australia Limited

## 1.2 Jurisdiction

PSMA Australia content covers Australia's eight states and territories:

- New South Wales
- Queensland
- Victoria
- Tasmania
- South Australia
- Western Australia
- Northern Territory
- Australian Capital Territory

## 1.3 Contact Details

### Custodian

PSMA Australia Limited  
Level 1, 113 Canberra Avenue  
GRIFFITH ACT AUSTRALIA 2603

### Technical

Michael Dixon  
Products Business Manager

Phone: +61 2 62609000

Fax: +61 2 62609001

### Licensing & Accessing

Please contact PSMA Distribution on

T: +61 (0) 2 6260 9071

F: +61 (0) 2 6260 9001

M: +61 (0) 418 787 204

[enquiries@psma.com.au](mailto:enquiries@psma.com.au)

### Internet sites for information

[www.psm.com.au](http://www.psm.com.au)

## 2 Delivery

PSMA Australia datasets are released on a quarterly basis, and are delivered to Clients via DVD.

### 2.1 Delivery Mechanism



LYNX (formerly known as the Spatial Data Warehouse) is a cutting-edge warehouse to hold, quality assure and distribute PSMA Australia's suite of national spatial datasets. It will streamline PSMA Australia's data delivery. The core of LYNX is the Integrated Database (IDB), which will hold our suite of datasets in one location and within a single environment.

Clients will be able to obtain data updates using LYNX, either by downloading the data or requesting a DVD.

### 2.2 Delivery Format

- MapInfo Tab files
- ESRI Shape
- MID/MIF files

## 3 Licensing & Access

### 3.1 Accessing PSMA Australia Datasets

PSMA Australia is the crucial link between the supply and demand sides of the market for the fundamental national spatial datasets that it offers. The organisation eliminates the difficulties of negotiating multiple license agreements with Australian, state and territory governments, and the problems of integrating the data into a seamless consistent national dataset. Furthermore, the existence of PSMA Australia minimises the duplication of effort within the market for organisations wishing to access national data.

PSMA Distribution, the wholly owned subsidiary of PSMA Australia, facilitates access to PSMA Data. PSMA Distribution works closely with our Value-Added Resellers (VARs) to provide strategic support to ensure that both the public and private sectors obtain the maximum benefit from the use of PSMA Data.

PSMA Distributions' VARs create many powerful and varied applications that utilise the PSMA Data. Our highly experienced staff help VARs with lead-generation, sales support, market intelligence and opportunity analysis.

For further information on accessing PSMA Data, or becoming a VAR of PSMA Distribution contact:

PSMA Distribution (Postal Address)

GPO Box 4966

Sydney NSW 2001

T: +61 (0) 2 6260 9071

F: +61 (0) 2 6260 9001

M: +61 (0) 418 787 204

e-mail: [enquiries@psma.com.au](mailto:enquiries@psma.com.au)

web: [www.pdma.com.au](http://www.pdma.com.au) (A Reseller section is also included)

### 3.2 General Warranty and Indemnity

PSMA Australia makes every effort to provide and maintain accurate, complete, usable and timely digital spatial information. However, datasets and information are provided with the understanding that they are not guaranteed to be complete or correct.

### 3.3 Privacy Statement

Users must acknowledge that the PSMA Data does not on its own constitute Personal Information.

The user agrees:

- not to do any act or engage in any practice using the PSMA Data or a value added reseller product (VAR Product) that would breach the Privacy Act 1988 (Cth);



- to comply with any direction of PSMA Distribution or PSMA to observe any recommendation of the Privacy Commissioner relating to acts or practices of the user that the Privacy Commissioner considers to be in breach of the obligations in this clause.

## 4 Other PSMA Australia Datasets

There are six other datasets currently licensed by PSMA Australia with several others in various stages of assembly. These datasets are:

DATASET	THEME	LAYER
<b>Administrative Boundaries</b>	ABS Boundaries	Collector Districts (CDs)
		Statistical Local Areas (SLAs)
		Urban Centre Localities (UCLs)
		Mesh Blocks (MBs)
	Electoral Boundaries	Commonwealth Electoral Boundaries
		State Electoral Boundaries
	Local Government Areas (LGAs)	
	Suburbs/Localities	
	State Boundaries	
Town Points		
<b>CadLite®</b>	Cadastre (Registered land parcel polygons and attributes)	
	Property	
<b>Land Tenure</b>	Land Tenure	
<b>Transport &amp; Topography™</b>	Transport	Roads
		Rail
		Rail Stations
		Airports
	Hydrology	Hydrology Polygons (Water bodies, major rivers, oceans)
		Minor Water (102, 103, connectors)
	Greenspace	Urban Parks
		National Parks & Other Reserves
<b>G-NAF®</b>	Geocoded physical addresses	
<b>Postcodes</b>	Australia Post spatial postcodes	Postcode Polygons
		Postcode Centroids

## Administrative Boundaries

The Administrative Boundaries dataset is comprised of five themes:

- Australian Bureau of Statistics (ABS) Boundaries
- Electoral Boundaries
- Local Government Areas
- Suburbs/Localities
- State Boundaries

The ABS Boundaries theme includes four layers — collector districts, statistical local areas, mesh blocks and urban centre localities.

The Electoral Boundaries theme comprises two layers — Commonwealth electoral boundaries and state/territory electoral boundaries.

## CadLite®

CadLite has two themes, Cadastre, which is a digital representation of all cadastral boundaries excluding easements and road/drainage casements for Australia, and Property.

### Cadastre

Cadastre is a seamless national cadastral database of Australia's 10.5 million parcels.

It incorporates Local Government Area boundaries and is designed to meet the needs of organisations that require a graphical representation of land parcel boundaries on a broad scale, to integrate with other data in servicing their business needs.

This graphical index of digital cadastre or registered land parcels can be used to reference other geographic and land administrative data available from respective jurisdictions.

The digital cadastral boundaries and their legal identifiers have been derived from the relevant bodies from each Australian State and Territory jurisdiction.

### Property

The PSMA Australia Property theme of CadLite® provides a national dataset that identifies the three relationships that exist between a property and a cadastral parcel. These are:

1. where one cadastral parcel is equal to one property;
2. where many cadastral parcels make up one property; and
3. where one cadastral parcel contains many properties.

## Land Tenure

Each Cadastral parcel from several jurisdictions have land tenure information. There are four levels of detail for each tenure type and each jurisdiction may supply varying detailed levels. More jurisdictions will provide tenure data in the near future and PSMA Australia will provide the most detailed information available.

## Transport & Topography™



The Transport & Topography™ dataset is underpinned by a road centreline layer of over one million kilometres of roads, together with more than 30 feature types within Transport, Hydrology and Greenspace themes.

The Transport component of this dataset encompasses the roads, rail, rail stations and airport infrastructure networks across the entire nation of Australia. The rail and rail station layers depict the national rail network (including tram lines). The airports layer also includes landing grounds.

The Topography component of this dataset is made up of two themes—Hydrology and Greenspace. Two layers of Hydrology are made up of water bodies, major rivers, minor waters and oceans. The two Greenspace layers are urban parks plus national parks and other reserves.

## **G-NAF®**

G-NAF® (Geocoded National Address File) is Australia's first authoritative geocoded address index for the whole country, listing all valid physical addresses in Australia. It contains approximately 12.6 million physical addresses, each linked to its unique geocoded (specific latitude and longitude of the address). Data used to build G-NAF® comes from contributors including the Australian Electoral Commission, Australia Post and Australia's government mapping agencies and land registries.

G-NAF® is the single, national authoritative source for:

- validating customer-provided address (assisting in fraud prevention)
- identifying the geocode for spatial analysis (creating maps to plot and analyse services and customer locations)
- assembling and maintaining large address files (reducing duplications and costs, increasing efficiency and improving mail delivery).

## **Postcodes**

Postcodes have recently been developed in co-ordination with Australia Post. A postcode may be classed either as a gazetted area or a point-type postcode (eg. Post office box).

A gazetted postcode may have many polygons defining its boundary. Postcode boundaries do not have to match locality boundaries.

A point-type postcode will have 1 active centroid defining its location.

It may be necessary to include a link between the CAD and Postcodes to enable the definition of postcode boundaries when this information cannot be sourced in other ways (eg. Northern Territory). This has not been included in the Data Model as it is still currently under investigation by PSMA.