



G-NAF IS THE AUTHORITATIVE INDEX OF GEOCODED AUSTRALIAN ADDRESSES THAT SUPPORTS THE NATIONAL ADDRESS MANAGEMENT FRAMEWORK.

G-NAF (Geocoded National Address File) contains more than 13 million verified addresses.

Address data in G-NAF comes from authoritative government sources including the Commonwealth, state and territory mapping agencies and land registries, the Australian Electoral Commission and Australia Post.

Every address is subject to rigorous crosschecking and includes details of locality, street, number and its unique geographic coordinate (geocode).

By linking textual and spatial data to validate addresses, G-NAF removes duplications and errors and provides linkages to alias and vanity addresses.

FEATURES

G-NAF's features include:

- Over 13 million geocoded addresses
- 12 million have an address level geocode
- Extensive address alias listing and street and locality aliases, including vanity names
- Best of breed using multiple authoritative contributors, with match based confidence levels
- Primary and secondary address joining.

NATIONAL ADDRESS MANAGEMENT FRAMEWORK (NAMF)

The National Address Management Framework (NAMF) is a national coordinated approach to address management governed by the Australian and New Zealand Spatial Information Council (ANZLIC).

NAMF's goal of 'one address = one location' is supported by all the Governments of Australia to drive the consistent approach to address validation and geocoding that is essential for government business efficiency.

G-NAF was selected to support NAMF because of the authoritative nature of the data used, coverage of the data, intelligence used during processing, utilisation of aliases, data quality and capabilities for its use.

The use of G-NAF for address verification and geocoding, together with the NAMF notifications service facilitates the increased flow of address feedback through to the address contributors. This contributes to improved addressing within address creator data holdings as well as within G-NAF.

The improvements driven by the NAMF framework are delivering real benefits. This includes the implementation of the feedback mechanism to enable G-NAF contributors to comment on issues with specific addresses as well as a framework for incremental address change updates.

A key initiative is the development of the G-NAF Supplement – a near real-time service as a companion to the quarterly G-NAF releases.

USES

With G-NAF it is possible to locate the exact position of physical addresses in Australia. There are many potential benefits for government, business and the community including:

POLICY DEVELOPMENT

G-NAF allows government agencies to develop more accurate socio-economic and demographic analysis. From Census analysis to Centrelink support, and from health information and services to transport and regional development, G-NAF improves government policy development and service delivery.

COMMERCIAL PROCESSES

Most organisations rely on address databases for dealing with suppliers, customers and other commercial activities. Organisations use G-NAF for activities such as address verification, reduced duplication and identification of more direct delivery routes.

CRIME PREVENTION

G-NAF has the capacity to prevent identity fraud, by allowing organisations to confirm the validity of a submitted address.

EMERGENCY RESPONSE

Fast incident response depends on knowing the exact location of the emergency. For example, the ACT Emergency Services Authority uses G-NAF in its state-of-the-art computer aided dispatch system to improve its response to 000 calls.

PERSONAL NAVIGATION

G-NAF is utilised in a growing number of websites, mobile phones and personal navigation products to accurately locate an address. This location intelligence provides connectivity between other services such as travel planning, imagery and points of interest information.

ACCESS

PSMA Distribution manages the distribution of PSMA Data, Australia's authoritative data. Widespread access is supported through a network of Value Added Resellers (VARs).

PSMA Distribution works with the VARs who combine their expertise and market knowledge with PSMA Data to develop and sell a wide range of mapping products and business and location intelligence tools.

FOR MORE INFORMATION

PSMA Data is built and maintained by PSMA Australia.

For more details about PSMA Data, accessing the datasets, or information on our network of Value Added Resellers, contact

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