Australia’s benchmark for geocoded address currency

Since 2004, Australia’s most trusted and comprehensive geocoded address database, G-NAF, has been delivering authoritative, national data to governments, businesses and the community.

Since 2016, G-NAF has been available as a dataset under open data terms. PSMA also offers G-NAF Live – a cloud-based service providing the most up-to-date geocoded addresses from each Australian state and territory government.

A complementary service to the more comprehensive G-NAF dataset, G-NAF Live is accessible 24/7 through PSMA Cloud via:

- Parsed and unparsed address verification services in PSMA Cloud;
- Individual web service calls and batch processing services

Features of G-NAF Live

The G-NAF Live production process is designed for optimal currency of the authoritative state and territory address datasets.

Data is updated daily from the most current addresses supplied by the state and territory address custodians, providing a central source of up-to-date, national, authoritative addresses.

Each address in GNAF Live is assigned a unique identifier to facilitate the tracking of verified addresses.

Update schedule

This is PSMA’s most frequently updated product. The frequency of the supply is purely dependent on the address custodian, ranging from daily supplies through to quarterly.

For the current breakdown of supply frequency by jurisdiction, please contact PSMA.

G-NAF Live at a glance:

- 12 million geocoded addresses
- Daily database update
- Includes G-NAF Live Persistent Identifier
- Based on National Address Management Framework and AS4590 compliant
FAQs
What’s the difference between G-NAF and G-NAF Live?
G-NAF is a dataset that combines addresses from ten contributors including state and territory governments and Commonwealth agencies. The G-NAF process is rigorous and complex and the dataset is released quarterly. G-NAF is available under open data terms.

G-NAF Live is a web service drawing on the latest addresses from each state and territory government. The service provides standardised, national addresses with the best available currency.

Can I use G-NAF Live to identify what’s changed since the last G-NAF dataset download?
No. G-NAF Live is only available as a web service. It cannot be downloaded to compare against the G-NAF dataset to identify the delta between the two databases. Furthermore, the databases are based on different data models to enable their different functions. Choose G-NAF for comprehensiveness and completeness and G-NAF Live for currency.

Is there a building at every address?
G-NAF Live contains physical addresses, which relate to any property or parcel identified by the state and territory land authorities. The vast majority of data relates to addresses that have an existing building or property. However, there are a number of addresses that are:

→ proposed developments (and therefore will have no buildings)
→ vacant land that is not ear-marked for development at this time.

Are postcodes included?
Yes.

G-NAF Live represents the Australian benchmark for address currency, delivering authoritative data ‘live’ from custodian to user.”
Dan Paull, CEO, PSMA Australia

PSMA Partner Network
The value of PSMA’s products is enhanced by the richness of the PSMA partner network, which specialises in providing business-ready solutions.

PSMA products

Contact OMNILINK to solve your data information puzzle.

OMNILEDGE - DATA FOR BUSINESS DECISIONS