GNAF Locator for ArcGIS Pro & Enterprise

February 2020 Open Edition

Product Information

The GNAF Locator for ArcGIS Pro & Enterprise is a native ArcGIS locator that converts addresses to map locations via geocoding. It can be used to interactively search for, and zoom to, addresses on a map or to batch geocode an entire table of addresses with latitude and longitude coordinates. The GNAF Locator provides unlimited geocoding of addresses at no extra charge, as compared to the ArcGIS World Geocoding Service which charges 40 credits per 1000 addresses.

Key Details

- GNAF Data Source: February 2020
- Area of Coverage: Australia
- Coordinate System: GDA2020 EPSG:7844
- Software Compatibility: ArcGIS Pro 2.2 or newer, ArcGIS Enterprise 10.6.1 or newer
- Not compatible with ArcGIS Desktop (ArcMap)

Installation & Usage in ArcGIS Pro

The following ESRI documentation describes how to install and use the GNAF Locator in ArcGIS Pro.

- [Add Locators to a Project](#)
- [Tutorial - Find Addresses](#)
- [Tutorial - Geocode a Table of Addresses](#):

Installation and Usage in ArcGIS Enterprise

The following ESRI documentation describes how to install and use the GNAF Locator in ArcGIS Enterprise.

- ArcGIS Pro: [Share a Locator](#)
- ArcGIS Portal: [Configure the Portal to Geocode Addresses](#)
- ArcGIS Portal: [Geocode Locations from Table](#)

Licensed Editions

This Open Edition of the GNAF Locator is provided as a community service. Licensed editions of the GNAF Locator, based on the latest available GNAF dataset, are available from Mosaic Geospatial. They include free quarterly updates and technical support. See the [Mosaic Geospatial website](#) for more information.

Related Products and Datasets

The source GNAF address dataset is also available in File Geodatabase and Shapefile formats, including simplified consolidated feature classes for immediate use:

https://github.com/mosaicgeospatial/gnaf-file-geodatabase-shapefile

Support

Community support for the Open Edition of the GNAF Locator is provided at the GitHub site:

https://github.com/mosaicgeospatial/gnaf-locator-for-arcgis

Attribution

Incorporates or developed using G-NAF © Geoscape Australia licensed by the Commonwealth of Australia under the Open Geo-coded National Address File (G-NAF) End User Licence Agreement.

The Geoscape Geocoded National Address File (G-NAF) dataset can be downloaded from:

https://data.gov.au/data/dataset/19432f89-dc3a-4ef3-b943-5326ef1dbecc

Copyright and Licensing

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Use of this product is subject to the Open Geo-coded National Address File (G-NAF) End User Licence Agreement (EULA). A copy of this license has been provided with the product.

The EULA terms are based on the Creative Commons Attribution 4.0 International license (CC BY 4.0). However, an important restriction relating to the use of the open G-NAF for the sending of mail has been added. The open G-NAF data must not be used for the generation of an address or the compilation of an address for the sending of mail unless the user has verified that each address to be used for the sending of mail is capable of receiving mail by reference to a secondary source of information. A fact sheet with more information about the usage restriction has been provided with the product.