DOTS
Address
Geocode - US

Address Geocode — US expands your geo-location intelligence by translating addresses and geo-coordinates into usable data. Leveraging our US address expertise, both addresses and geo-coordinates are validated using a combination of authoritative postal and spatial data to return pinpoint accuracy.

Address to Geo-coordinates — addresses are corrected and standardized using our industry-leading US address validation engine. This enables Address Geocode – US to reach near-perfect match rates when translating an address to roof-top level latitude and longitude coordinates.

Geo-coordinates to Address — latitude and longitude coordinates are translated to valid and precise US addresses.

How It Works

Validates Address & Returns Geo-Coordinates
Addresses are corrected and standardized using Service Objects' Address Validation, then converted to latitude and longitude coordinates.

Supports Reverse Geo-Coding
Latitude and longitude coordinates are translated to validated and precise USPS-certified addresses.
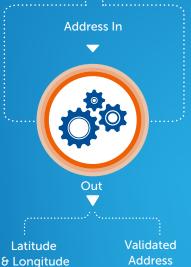
Supplemental Data Provided
Returns data points including census tract, state and county FIPS, block codes, congress codes, time zones and distance to water.

Provides Popular Mapping URLs
Creates and returns web address URLs for direct output mapping using Google Maps, MapQuest and Bing Maps.

SERVICE OBJECTS VALIDATION ENGINE

Address In
▼

Out
▼

Latitude & Longitude

Validated Address

Features and Benefits

Superior Match Rates

Our geocoding service leverages Service Objects' address expertise to provide powerful and accurate results in real-time.

- Both addresses and geo-coordinates are validated using a combination of authoritative USPS postal and spatial data providing more precise results.

- Advanced AI references multiple authoritative data sets to maximize match rate and accuracy.

- Near-perfect address match rates translate to precise roof-top level coordinates.

Beyond the Coordinates

Authoritative sources including US Census Bureau, USPS® ZIP+4 tables, and other proprietary databases provide supplemental information including:

- Data points including census tract, state and county FIPS, block codes, congress codes, time zones and more.

- Distance to water estimates using address or geo-coordinates.

- Provides custom URLs for popular mapping tools.

- Reverse geocode enables your business to translate geo-coordinates to USPS certified addresses at no extra cost.

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