

# AVI - GetAddressInfo - Recommended

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Our real-time International Address Validation API service verifies and corrects global mailing addresses to the unique requirements of each country's postal address formats and cultural idiosyncrasies. With continual updates from country-specific postal authorities, our data is always up-to-date with genuine and accurate addresses.

## URL Endpoints

### JSON

```
https://trial.serviceobjects.com/avi/api.svc/JSON/GetAddressInfo?Address1={ADDRESS1}&Address2={ADDRESS2}&Address3={ADDRESS3}&Address4={ADDRESS4}&Address5={ADDRESS5}&Locality={LOCALITY}&AdministrativeArea={ADMINISTRATIVEAREA}&PostalCode={POSTALCODE}&Country={COUNTRY}&OutputLanguage={OUTPUTLANGUAGE}&LicenseKey={LICENSEKEY}
```

### XML

```
https://trial.serviceobjects.com/avi/api.svc/XML/GetAddressInfo?Address1={ADDRESS1}&Address2={ADDRESS2}&Address3={ADDRESS3}&Address4={ADDRESS4}&Address5={ADDRESS5}&Locality={LOCALITY}&AdministrativeArea={ADMINISTRATIVEAREA}&PostalCode={POSTALCODE}&Country={COUNTRY}&OutputLanguage={OUTPUTLANGUAGE}&LicenseKey={LICENSEKEY}
```

## GetAddressInfo Inputs

Name	Type	Required	Description
Address1	String	Yes	Address Line 1 of the International Address
Address2	String	No	Address Line 2 of the International Address
Address3	String	No	Address Line 3 of the International Address
Address4	String	No	Address Line 4 of the International Address
Address5	String	No	Address Line 5 of the International Address
Locality	String	Yes*	The name of the distinct population cluster, such as a City, Town or other type of Municipality.
AdministrativeArea	String	Yes*	The name of the administrative division. Commonly the primary division of a country, such as a State, Region, Province, County, Territory or Prefecture.

PostalCode	String	Yes**	The postal code of the international address. It is recommended that the postal code be formatted to contain a strong resemblance to the proper country specific format, and that you do not precede the postal code with a country or region code. For example, use '09170' instead of 'FF 9170'.
Country	String	Yes	The preferred name of the country or the ISO 3166-1 Alpha-2 Country Code or the Alpha-3 Country Code Alternate country names and spellings are supported, but the use of the common English spelled name or ISO2 country code is recommended. For a list of all supported countries please see the Country Support Table.
OutputLanguage <sup>[1]</sup>	String	Yes	Specifies service language settings and behavior (ENGLISH, BOTH, LOCAL_ROMAN, LOCAL).
LicenseKey	String	Yes	Your license key to use the service. Sign up for a free trial key at <a href="https://www.serviceobjects.com/products/address-geocoding/address-validation-international">https://www.serviceobjects.com/products/address-geocoding/address-validation-international</a>

\* Required if a postal code is not provided.

\*\* Required if a locality and an administrative area are not provided.

## AddressInfo Output

### *AddressInfoResponse*

Name	Type	Values	Description
AddressInfo	AddressInfo	Varies	The corrected address.
Error	Error	Varies	Error object indicating why the service could not return a result. See "Errors" below for more information.

### *AddressInfo*

Name	Type	Values	Description
Status	String	See "Address Status" for descriptions and possible values.	Indicates the validity of the input address. Unless an error is returned this field will always be returned.

ResolutionLevel	String	See "Address ResolutionLevel" for descriptions and possible values.	Indicates the level of accuracy to which the input address could be resolved.
Address1	String or NULL	Varies	The formatted Address 1 line of the input address.
Address2	String or NULL	Varies	The formatted Address 2 line of the input address.
Address3	String or NULL	Varies	The formatted Address 3 line of the input address.
Address4	String or NULL	Varies	The formatted Address 4 line of the input address.
Address5	String or NULL	Varies	The formatted Address 5 line of the input address.
Address6	String or NULL	Varies	The formatted Address 6 line of the input address.
Address7	String or NULL	Varies	The formatted Address 7 line of the input address.
Address8	String or NULL	Varies	The formatted Address 8 line of the input address.
Locality	String or NULL	Varies	The preferred English name of the locality, such as a City, Town or other type of Municipality. Can also be an AdministrativeArea.
AdministrativeArea	String or NULL	Varies	The preferred English name of the administrative division of the country, such as a State, Region, Province, County, Territory or Prefecture.
PostalCode	String or NULL	Varies	Represents the standardized postal code.
Country <sup>[2]</sup> <sup>[3]</sup>	String	Varies	The preferred english name of the country. This field will always be returned unless an error is returned.
CountryISO2	String	Varies	Represents the ISO 3166-1 Alpha-Country Code. This field will always be returned unless an error is returned.
CountryISO3	String	Varies	Represents the ISO 3166-1 Alpha-Country Code. This field will always be returned unless an error is returned.
InformationComponents	InformationComponent[] or NULL	Varies	A name-value pair collection containing additional information about the address. See the InformationComponent table and the list of Components for more details.

#### *InformationComponent*

Name	Type	Values	Description
Name	String	Varies	The variable name of the Name-Value pair that is to be returned. See InformationComponents for a full listing.
Value	String	Varies	The resulting value of the of the variable returned in the "Name".

## References

1. ^ Mastering Output Languages in AVI.
2. ^ Understanding Addresses In Australia
3. ^ Understanding Addresses in the United Kingdom