



# **Global Address Verification**

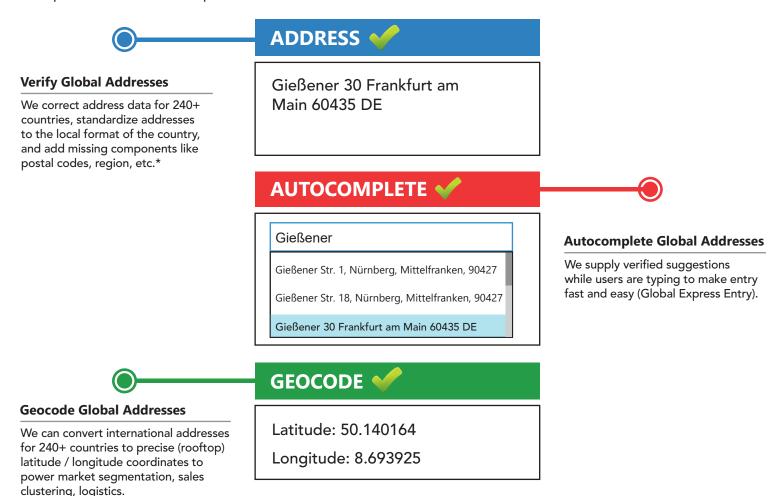
#### From Australia to Zimbabwe - Instantly Validate Addresses for 240+ Countries & Territories

20% of the addresses entered into systems contain errors: spelling mistakes, wrong house numbers, incorrect postal codes and sometimes formatting issues that don't conform to a specific country's postal regulations. If you have bad addresses, Melissa can help you fix them before shipping or mailing.

- Correct, verify & standardize addresses for 240+ countries & territories
- Reduce address correction charges & costs of returned mail
- Flexible APIs (on-prem & Cloud) for real-time or batch processing

#### Keep Address Data Accurate - Here's How We Do It

Melissa Global Address Verification (GAV) combines a global knowledge database with location reference datasets for over 240 countries and territories and proprietary parsing rules to correct, validate and enrich both partial and full address inputs.



<sup>\*</sup>For U.S. addresses, our CASS-Certified™ engine returns a complete and standardized USPS® address including ZIP+4, missing known suite/apartment number, and corrects spelling and formatting errors.



### **Get Started Today!**

>> www.Melissa.com/address-verification

#### **Address Transliteration Between Latin & Major Character Sets**

Melissa's Global Address Verification (GAV) supports many different language sets and can transform non-Latin writing systems into Latin characters so addresses can be easily validated and standardized. GAV supports the following character sets and writing systems:

- Mapping between 40 different character sets, including UTF-8, ISO 8859-1, GBK, BIG5, JIS, EBCDIC
- Correct "removal" of diacritics according to language specific rules
- Non-Latin writing systems:
- Cyrillic (Russia)
- Hellenic (Greece)
- Hebrew (Israel)
- Arabic (United Arab Emirates)
- Kanji (Japan)
- Simplified Chinese (China)
- Hangul (South Korea)
- Thai (Thailand)

#### **INPUT**

- Tomáš Novák; Vohradského 5; Česká Lípa; Czech republic
- Hans-Peter Feiertag; Metro-Straße 1; Düsseldorf 4; Deutschland
- Michał Dąbrowski; Marszałkowska 142;00-132 Warszawa; Polska
- Борис Николаевич Ельцин; Казанская пл., 23;Санкт-Петербург;RUSSIAN FEDERATION
- · John Smith;100 Main Street;New York NY 10023;USB

#### **OUTPUT**

- Tomash Novak; Vohradskeho 5 470 01; Ceska Lipa; Czech Republic
- Hans-Peter Feiertag; Metrostr. 1;40235 Düsseldorf; GERMANY
- Michal Dabrowksi; Ulica Marszałkowska 142 Śródmieście 00-061 Warszawa; Poland
- Boris Nikolaevich; Kazanskaya ploshchad' 23 Tsentral'niy okrug; Saint Petersburg
  Peterburi 191186 Russian Federation
- John Smith;100 Main Street;New York NY 10023;United States

# **Address Geocoding for Precise Mapping & Logistics**

GAV can convert international addresses to precise (rooftop) latitude-longitude coordinates to power mapping applications, analytics, sales and market clustering and segmentation, and risk exposure.

### **Country Coverage**

To see all of the countries around the world that GAV supports, and the accuracy level for address verification and geocoding, visit www.Melissa.com/gav-coverage or call our data specialists at 800.800.6345.

#### **Technical Information**

- Multiplatform on-prem API or SOAP/JSON/RESTful API
- Integrations for Microsoft® SSIS, Dynamics CRM®, Excel®, Pentaho® PDI, Talend®, and Salesforce®
- Sample code for C#, VB Script, Java, and PHP at: www.Melissa.com/gav-code.

#### Melissa

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