
Data Guide

Partner Sourced Datasets

QAS Ltd.

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Introduction

This chapter provides an overview of all available Partner Sourced datasets.

Partner Sourced Address Data Information

QAS has improved the coverage of its data offering by expanding its partner networks. Our Primary Sourced datasets can now be supplemented by data from our trusted partners, which cover a much greater number of countries and regions worldwide. QAS remains committed to offering the highest quality data available. Details of the quality and depth of each dataset is provided in the chapter “About This Data” on page 3.

Partner Sourced Address Datasets

	Region	Approximate Data Size
Bundles Available:	Central America	180MB
	East Asia	170MB
	Eastern Europe	270MB
	South America	1.2GB
	Western Europe	380MB
Data Source:	AddressDoctor GmbH	
Update Frequency:	Quarterly Not all partner sourced datasets will have been updated by the data provider with each quarterly update, but it is recommended that you perform each of these data updates to ensure you are using up-to-date data.	

Expiry:

Partner Sourced datasets have no fixed expiry date. They will continue to work until your data licence runs out.

You will need to renew each of your licences for Partner Sourced datasets at least every year. Ensure you receive and enter the new licence key(s) before your data becomes unusable.

About This Data

This chapter provides detailed information about Partner Sourced datasets. Partner Sourced data is available in the following regional bundles:

- Central America;
- East Asia;
- Eastern Europe;
- South America;
- Western Europe.

Some Partner Sourced datasets are also available individually, depending on the contractual restrictions.

The following sections provide data coverage and quality information for all the Partner Sourced datasets within the data bundles. The level of address detail in each dataset is described in one of the following ways:

- **Locality**, where information in the dataset is available to locality level (or, if postal codes are used, to postal code level);
- **Limited Street**, where some street or premises information is available in the dataset (typically for the most densely populated areas);
- **Full Street**, where over 98% of the addresses covered by the dataset include street or premises information.

Due to the number of Partner Sourced datasets that are available, it is not possible to guarantee the accuracy of the information provided here.

Central America

The following Partner Sourced Central America dataset is currently available. More Central America datasets will be available in the future.

ISO Code	Areas Covered	Address Detail
MEX	Mexico	Full Street

East Asia Bundle

The East Asia bundle contains the following 25 Partner Sourced datasets:

ISO Code	Areas Covered	Address Detail
BGD	Bangladesh	Locality
BRN	Brunei Darussalam	Limited Street
KHM	Cambodia	Locality
CHN	China	Locality
PRK	North Korea	Locality
FJI	Fiji	Locality
HKG	Hong Kong	Full Street
IDN	Indonesia	Full Street
JPN	Japan	Full Street
KIR	Kiribati	Locality
LAO	Laos	Locality
MYS	Malaysia	Limited Street
MNG	Mongolia	Locality
MMR	Myanmar	Locality
NRU	Nauru	Locality
PNG	Papua New Guinea	Locality
PHL	The Philippines	Limited Street
WSM	Samoa	Locality
SLB	Solomon Islands	Locality
KOR	South Korea	Limited Street
THA	Thailand	Locality
TON	Tonga	Locality
TUV	Tuvalu	Locality
VUT	Vanuatu	Locality
VNM	Vietnam	Locality

Further data from this region is available in Primary Sourced datasets. Contact your account manager for more information.

Eastern Europe Bundle

The Eastern Europe bundle contains the following 21 Partner Sourced datasets:

ISO Code	Areas Covered	Address Detail
ALB	Albania	Locality
BLR	Belarus	Locality
BIH	Bosnia-Herzegovina	Locality
BGR	Bulgaria	Locality
HRV	Croatia	Locality
CYP	Cyprus	Full Street
CZE	Czech Republic	Limited Street
EST	Estonia	Full Street
GRC	Greece	Limited Street
HUN	Hungary	Limited Street
LVA	Latvia	Limited Street
LTU	Lithuania	Locality
MKD	Macedonia	Locality
MDA	Moldova	Limited Street
POL	Poland	Full Street
ROU	Romania	Limited Street
RUS	Russia	Full Street
SCG	Serbia and Montenegro	Locality
SVK	Slovakia	Limited Street
SVN	Slovenia	Limited Street
UKR	Ukraine	Limited Street

South America Bundle

The South America bundle contains the following 12 Partner Sourced datasets:

ISO Code	Areas Covered	Address Detail
ARG	Argentina	Full Street
BOL	Bolivia	Locality
BRA	Brazil	Full Street
CHL	Chile	Limited Street
COL	Columbia	Locality
ECU	Ecuador	Locality
GUY	Guyana	Locality
PRY	Paraguay	Full Street
PER	Peru	Locality
SUR	Suriname	Locality
URY	Uruguay	Limited Street
VEN	Venezuela	Limited Street

Western Europe Bundle

The Western Europe bundle contains the following 10 Partner Sourced datasets:

ISO Code	Areas Covered	Address Detail
AND	Andorra	Locality
AUT	Austria	Full Street
VAT	Holy See (Vatican City)	Full Street
ISL	Iceland	Limited Street
ITA	Italy	Full Street
LIE	Liechtenstein	Full Street
MLT	Malta	Limited Street
MCO	Monaco	Limited Street
PRT	Portugal	Full Street
SMR	San Marino	Locality

Further data from this region is available in Primary Sourced datasets. Contact your account manager for more information.

Address Elements

All Partner Sourced datasets use the same generic set of address elements. Many elements are not populated for all addresses. These generic elements are referred to by name when configuring address layouts or setting formatting options in Pro Web. See the Pro Web Installation And Administration Guide for more information about output address formatting settings.

The complete set of generic elements is as follows:

CombinedBuilding
BuildingName
SubBuildingName
CombinedHouseNumber
HouseNumberOnly
HouseNumberAdditionalInfo
CompleteStreet
StreetName
StreetAndHouse
PrimaryStreet
SecondaryStreet
POBox
POBoxType
POBoxNumber
POBoxEverything
POBoxAdditionalInfo
PostalCode
CompleteLocality
Locality
DependentLocality
DoubleDependentLocality
Province
DependentProvince
PostalCountry
MotherCountry
Territory

Default Address Formats

The default address formats for Partner Sourced datasets are stored within the data files. To accommodate the differences in address layouts between countries a special set of variable address elements can be used in addition to the elements listed above. The FormattedLine1 to FormattedLine10 elements represent each line of a normal address layout, and will vary according to the country the address is from.

For example, the address layout:

FormattedLine1
FormattedLine2

might return four address elements for an Austrian address, for example:

Rudolfstraße 55
4040 LINZ DONAU

but only three address elements for a Hong Kong address, for example:

10 Mei Lai Rd.
LAI CHI KOK

About DataPlus Information

DataPlus sets provide further information to extend the value of the address records in your dataset. Each DataPlus set is divided into one or more elements. See the Pro Web Installation And Administration Guide for more information on configuring Pro Web to return DataPlus information.

DataPlus Sets For Partner Sourced Address Data

The Address Field Result DataPlus set is available for all Partner Sourced datasets.

Address Field Result

This DataPlus set returns detailed match information for returned addresses, indicating which address elements were matched in the search, and to what level. The DataPlus information is generated by the search process - it is not supplied in a separate file.

The Address Field Result DataPlus set contains the following elements:

Element	Code	Description
Matching Overview	QADPMatchingOverview	An 8 digit number indicating the matching action performed on certain address elements. See "Matching Overview Format" on page 12.
Validation Status	QADPValidationStatus	A short code summarising the result of the verification process for the whole address. See "Validation Status Format" on page 13.
Element Match Status	QADPElementMatchStatus	An 8 digit number indicating the level of matching made for certain address elements. See "Element Match Status Format" on page 13.
Element Result Status	QADPElementResultStatus	An 8 digit number indicating the action performed on certain address elements to produce the result. See "Element Result Status Format" on page 14.

Matching Overview Format

The 8 digits of the Matching Overview field correspond to the following address elements:

Postal Code							
Locality							
Province							
Street							
Building Number							
PO Box							
Building							
Organisation							
1	2	3	4	5	6	7	8

Each digit takes one of the following three values:

0	The address element was not matched in the dataset and was not retained. This will be returned when the input element cannot be matched, or for elements not supplied in the input that are not part of the returned address.
1	The address element was not matched in the dataset but the input was retained. This might be returned when there is no data for that element available in the dataset.
2	The address element was matched to information in the dataset.

For example, a Matching Overview result of “22221000” would indicate the following:

- The Postal Code, Locality, Province and Street elements were all matched to information in the dataset.
- The Building Number element was not matched but the input was retained.
- The PO Box, Building and Organisation elements were not matched and no information was retained.

Validation Status Format

The Validation Status field can take one of the following values:

V	The input address was verified as correct.
C	The input address was verified but required correction.
P3	The input address cannot be corrected, but is likely to be deliverable.
P2	The input address cannot be corrected, but may be deliverable.

Element Match Status Format

The 8 digits of the Element Match Status field correspond to the following address elements:

Postal Code	Locality	Province	Street	Building Number	PO Box	Building	Organisation
1	2	3	4	5	6	7	8

Each digit takes one of the following five values:

0	Empty
1	Not found
2	Not checked (no reference data or no chance of success)
3	Matched with errors
4	Matched without errors

Element Result Status Format

The 8 digits of the Element Result Status field correspond to the following address elements:

Postal Code							
Locality							
Province							
Street							
Building Number							
PO Box							
Building							
Organisation							
1	2	3	4	5	6	7	8

Each digit takes one of the following eight values:

0	Empty
1	Not checked
2	Not checked but standardized
3	Checked and corrected (by a change or insertion)
4	Verified but changed (for example by matching an alias or old name)
5	Verified but standardized
6	Verified and unchanged

Using This Data

This chapter provides search tips and other product-specific information for using Partner Sourced address data with QuickAddress Pro Web.



Search examples are accurate at the time of data release. Search results may differ depending on the data release you are using.

Configuration File Settings

The behaviour of Partner Sourced datasets is controlled by settings in the `acserver.ini` file. See the Pro Web Installation And Administration Guide for Partner Sourced dataset configuration instructions.

With QuickAddress Pro Web

Scenarios

Partner Sourced datasets are supported by the Address Verification scenario only.

Search Examples: Verification

Users of Pro Web v6.20 or later can use address verification functionality to verify a customer's address once they have typed it in full into a web form.

The following table provides a list of example searches and the Verify level they return.

Verify Level	Example
Verified	<p>ul. Kilinskiego 53 32-410 DOBCZYCE Poland</p> <p>This search brings back a verified address with the verify level of “Verified”.</p>
InteractionRequired	<p>Volgaweg 11 301 AKRANESI Iceland</p> <p>This search brings back a verify level of “InteractionRequired” because the street name is not correct and the address requires verification from the user.</p>
VerifiedStreet*	<p>6 gg.karyabakti i dan ii CIMAH I 40525 Indonesia</p> <p>This search brings back a verify level of “VerifiedStreet” because the premises information cannot be verified against the dataset.</p>
VerifiedPlace*	<p>Koroska cesta 59 4000 KRANJ Slovenia</p> <p>This search brings back a verify level of “VerifiedPlace” because the premises and street information cannot be verified against the dataset.</p>
Multiple	<p>5 jln.semberun JAKARTA 13720 Indonesia</p> <p>This search brings back a verify level of “Multiple” because the street name is not correct and matches more than one street. Further interaction is required from the user.</p>

Verify Level	Example
None	Missing Street Unknown Town Thailand This search brings back a verify level of "None" as the address does not exist in the data.

** These verify levels will not be returned if Pro Web is being run in Legacy Verification Mode. For more information about Verification Levels and configuration settings, see the Pro Web documentation.*

