
Additional Data Guide

United States With Names

QAS Ltd.

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Introduction

Names Data Information

This guide provides an overview of the United States With Names (USN) Additional Dataset.

For general information about the United States (USA Address) data, see the *United States Data Guide*. For information about the Enhanced Address Additional Dataset, see the *United States With Enhanced Address Additional Data Guide*.



You must have the USA Address Dataset installed to use the USN Additional Dataset.

USA Names Additional Dataset

Dataset Code: USN

Approximate Data Size: Pro: 2.0GB
Pro Web: 2.0GB

Data Source: All data, extracts and updates © Experian

Update Frequency: Bi-monthly

Expiry: The data release dates are:

- January
- March
- May
- July
- September
- November

Data files expire approximately 120 days after the data release date.

Ensure that every data update is applied promptly, otherwise the data may expire and the product will become unusable.



There are restrictions regarding the installation of the USA Names Additional Dataset with Pro. See page 8 for details.

About This Data

Area Covered

The United States datasets cover all postal addresses within the United States and its territories, including US military posts abroad.

Address Elements

The following address elements are specific to the USN Names data files. For a full list of address elements, see the USA Data Guide.

Address Element	Example	Input/ Output Element Code
Title	Mr	N23
First name	Norman	N21
Middle initial	J	N22
Last name	Baker	N11
Surname suffix	Sr.	N24

About DataPlus Information

Pro, Pro Web and Batch can be configured to return additional information alongside an address, in the form of DataPlus sets. The following DataPlus sets are currently available for USN Names Additional Data:

- Address Match Quality
- USN Address Type Indicator

Please refer to the relevant section of the product documentation for information on configuring QuickAddress products to return DataPlus information.

Address Match Quality

The Address Match Quality DataPlus set is available for QuickAddress Pro and QuickAddress Pro Web products only and can only be used with USN data.

Identifier: USAQAL

Item	Description	
Quality of Address	0	Full postal address match
	1	RESERVED
	2	RESERVED
	3	Full confirmed address match
	4	Partial premises level match
	5	Street level match
Quality of Postal Code	6	Place level match
	0	ZIP code and +4 match
	1	RESERVED
	2	ZIP-only match

Where additional datasets (for example, USA with Names) are used in conjunction with the Postal Address File, additional address information is introduced that is matched to the PAF. The Address Match Quality DataPlus set provides information about the quality of the match between the additional data and the PAF data.

USN Address Type Indicator

The USN Address Type Indicator DataPlus set is available for QuickAddress Pro V5.00 (or above) and QuickAddress Pro Web V5.05 (or above) products only.

Identifier: USANAT

Item	Description	
Address Type Indicator	R	Residential
	B	Business
	M	Mixed
	U	Unknown
Cottage Indicator	Y	Yes
	Null	No information is available
Vacant Indicator	Y	Vacant for 90 days or more
	N	Not vacant
	Null	No information is available

This DataPlus set returns an address type indicator for a specific address which enables you to categorize your outgoing mail as residential, business, or mixed. This categorization will enable you to choose the cheapest shipping method for your needs.

For example, some shipping firms add a surcharge to mail destined for residential addresses, whereas the USPS does not.

Using This Data

This section provides search tips and other product-specific information when using USN Names data with QuickAddress Pro and Pro Web.

Please refer to the relevant product manuals for more detailed information on using QuickAddress products.

You can also find information on the QAS Support Web site:

<http://support.qas.com>



These searches are accurate at the time of documentation. However, search results may differ depending on the data release you are using.

With QuickAddress Pro

Installation

There are restrictions regarding the installation of USA Pro with Names.

- If you want to install this dataset on Windows, you must be using Windows 95 OSR2 or later.
- In future updates this dataset could potentially increase to over 2GB in size. QAS will support the use of this dataset on the following UNIX platforms:
 - AIX 4.3 and above
 - Solaris 7
 - HPUX 11i
 - Free BSD 4.0
 - Redhat 7.3 and above
 - Digital Unix v4.0b

Search Examples: Typedown

The following table provides a list of these example search types:

- Returning Names information from an address picklist

Search type	Example
Locating Names information from an address picklist	<ol style="list-style-type: none">1) Enter the location, charleston, and press Enter.2) Enter the first part of the street name, prairie, and press Enter.3) Double-click on Prairie St, Charleston, AR to select it.4) Double-click on the Continue typing (or select to show all matches) prompt to display a list of address ranges for this street.5) Enter the premises number 300 and press Enter to refine the picklist. One premise match is displayed, but the + sign indicates that there is information beneath this item that can be viewed.6) Either double-click on the picklist item, click Select, click on the + sign, or press Enter to display the premises number and the names information attached to this address.7) You can return the full address without a name by double-clicking the address icon at the top of the list. Alternatively, click on the required resident and then click Select or press Enter when the name is highlighted in the picklist. The name and full address will be returned to the Address Edit screen.

Search Examples: Single Line

The following table provides a list of these example search types:

- Returning Names information with a full address known

Search type	Explanation
Returning Names information with a full address known	<ol style="list-style-type: none">1) Enter the street address, followed by a comma and then the zip code: 2932 S Lyman St, 60608. A picklist of sub-premises, as well as the premises number and some names information is displayed.2) Double-click on 2932 Apt 1F to display the address icon and the name of the resident.3) Double-click on the resident's name to return the name and full address to the Address Edit screen.

Configuration File Settings

The server side INI file (qawserve.ini) for Pro and Pro Web, will support the following additional settings for USA data.

The default behaviour refers to what happens when the setting is missing from the relevant configuration file (i.e. not defined). It does not refer to the initial settings as provided when you install Pro or Pro Web.

{ISO}PremiseUnderUnexpandableRange={boolean}

This setting is only relevant to the USA and USN datasets.

Default:

False

Example:

```
USNPremiseUnderUnexpandableRange=TRUE
```

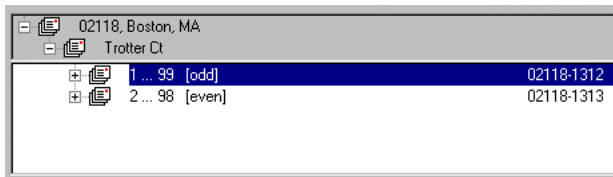
The USA data contains many streets that have a large number of premises. Using this setting, you can control how premises are displayed in Pro and Pro Web; they may be displayed individually or grouped into ranges.

The majority of premise information in the USA data is held within *unresolvable* ranges. An unresolvable range of premises contains no information to verify which premises exist and which do not between the range end points.

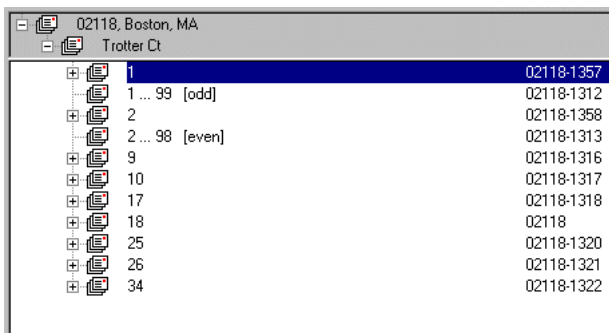
There are three reasons why a single premises may exist within an unresolvable range of premises:

- For high-rise buildings, sub-premises, particularly apartment numbers, are located beneath premises;
- If the USN dataset is used, names will be located beneath the premises;
- If organisation data is linked to premises data, organisation details will be located beneath the premises.

When this setting is set to TRUE, and the picklist contains unresolved ranges, Pro and Pro Web group single premises within the unresolved ranges, as shown in the following screenshot:



If this setting is FALSE, the picklist will appear as shown in the following screenshot:



Setting this to TRUE therefore has the effect of reducing picklist sizes and so improving the usability of the product, without reducing any functionality. QAS recommend that this should be set to TRUE.

USNPicklistDisplayNames={Location / Premises}

Default:

Location

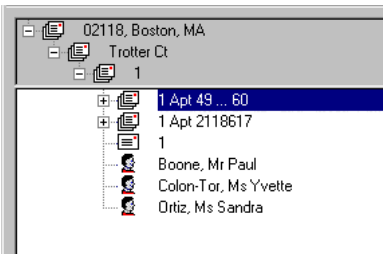
Example:

```
USNPicklistDisplayNames=Location
```

This setting controls the stage at which names information is displayed in the picklist.

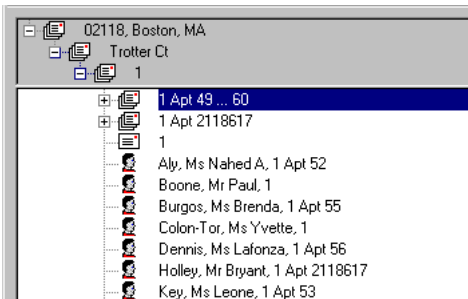
- If this is set to **Location**, names will only be displayed at the level which the user has stepped into. For example, if the user has stepped into a premises, all names that are associated with that premises are displayed. However, any names that are linked in the data to associated sub-premises will not be displayed at this level. Names linked in the data to sub-premises such as suites or apartments will only be displayed when the user has stepped into those.

This is shown in the screenshot below:



- If this is set to **Premises**, then *all* names beneath a premises are displayed once the user steps into the premises, including names associated with the premises and those that are associated with all sub-premises.

This is shown in the screenshot below:

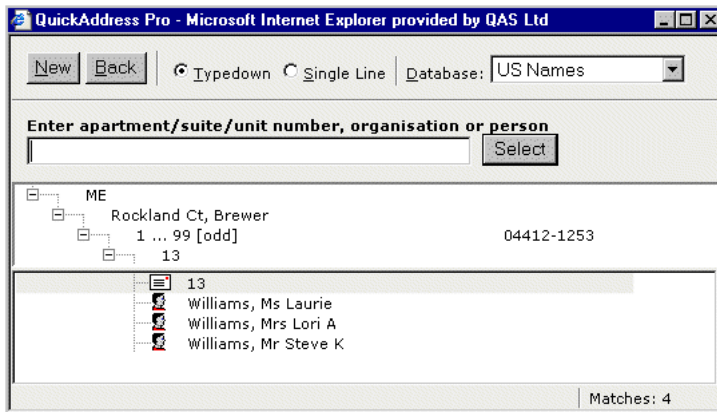


With QuickAddress Pro Web

The following table indicates the relevant search examples for each Pro Web scenario and search engine that supports USN Names data.

Scenarios	Search Engine	For search examples, see:
Single Line	Single Line hierarchical	Single Line search example on page 10.
Standard	Typedown Single Line hierarchical	Typedown example on page 9 and Single Line search example on page 10.
ActiveX Control	Typedown Single Line hierarchical	Typedown example on page 9 and Single Line search example on page 10.

When searching United States With Names data, Names information is only displayed once the associated premises or sub-premises has been selected. This mode of behaviour enables the picklists for United States With Names data to be smaller and more manageable.



Names picklist entries are displayed without any identifying premises or sub-premises information. This is because such information is superfluous as all of the displayed names belong to the same address.

With QuickAddress Batch



QuickAddress Batch does not currently support United States With Names data.
