

# United Kingdom with Pointer Data

---

## Disclaimers

E&OE. Information in this document is subject to change without notice. QAS Limited reserves the right to revise and improve its products as it sees fit. This document describes the state of this product at the time of its publication, and may not reflect the product at all times in the future.

The use of this documentation is governed by the terms of a software license agreement made between QAS Limited and the Licensee. The liability of QAS Limited in respect of the documentation and the licensed programs referred to, are set out in that software license agreement. QAS Limited accepts no liability whatsoever for any use of the documentation or the licensed programs by any person other than a permitted user under the software license agreement.

## Copyright

All rights reserved. All copyright and other rights (including, without limitation, intellectual property rights) in this manual and the licensed programs described in this manual are the property of QAS Limited, save for copyright and other rights (including, without limitation, intellectual property rights) in data belonging to the data owner.

No part of this manual may be copied, reproduced, translated or reduced to any electronic medium or machine-readable form without the written consent of QAS Limited. Microsoft, Word, and Windows are trademarks of Microsoft Corporation.

"QAS" and "QuickAddress" are trademarks of QAS Limited and are registered in the UK and other countries. All rights reserved.

© QAS Ltd. 1999-2009

## Contacts and Support

For resolutions to common issues, answers to frequently asked questions and hints and tips for using our products:

<https://docs.experianaperture.io/more/contact-us/>

For information about data expiry, data vintage and how to keep your data up to date:

[www.edq.com/documentation/data](http://www.edq.com/documentation/data)

For more information about us and to get in touch:

[www.edq.com](http://www.edq.com)

Revision May 2009

# Contents

- Introduction
  - Pointer Data Information
    - GBRPTR Pointer Address Additional Dataset
    - List Of Available Data Files
- About This Data
  - Area Covered
  - About DataPlus Information
    - DataPlus Sets For GBRPTR Pointer Address Data
      - GBRPTL Pointer DataPlus
- Using This Data
  - With QAS Pro
    - Search Examples: Typedown
    - Search Examples: Single Line
  - With QAS Pro Web
    - Scenarios
    - Search Examples: Verification
    - Search Example: Bulk Processing
  - With QAS Batch
    - Search Examples: QAS Batch Interactive
  - With QAS NameTracer Pro

# Introduction

## Pointer Data Information

This guide provides an overview of the United Kingdom With Pointer Additional Dataset.

For general information about the United Kingdom (GBR Address) data, see the United Kingdom Data Guide. For information about a specific Additional Dataset, see the relevant Additional Data Guide.

You must have the GBR Address Dataset installed to use any of the Additional Datasets.

## GBRPTR Pointer Address Additional Dataset

Currently this dataset can only be used with QAS Pro V5.02 (and above), QAS Pro Web V5.09 (and above), QAS Batch V5.00 (and above), and QAS NameTracer Pro.

<b>Dataset Code:</b>	<b>GBRPTR</b>
Filenames:	gbrptr.ads; gbrptr.tpx, gbrptr.zlx
Approximate Data Size:	60MB
Data Source:	Ordnance Survey of Northern Ireland (OSNI) Land & Property Services (formerly the Valuation & Lands Agency) © Royal Mail Group PLC All data, extracts and updates © OSNI
Update Frequency:	Quarterly
Expiry:	The quarterly data release dates are: <ul style="list-style-type: none"><li>• March</li><li>• June</li><li>• September</li><li>• December</li></ul> Data files will expire 8 months after creation. March data will expire in November of the same year, for example. Ensure every data update is applied promptly, otherwise the data may expire and the product will become unusable.

The GBRPTR Pointer Address Additional Dataset contains Pointer® address data. Pointer holds standardised address information for every property in Northern Ireland, with each property having an exact postal address and geo-spatial coordinates. Pointer was developed using address datasets from Ordnance Survey of Northern Ireland (OSNI), Royal Mail, and the former Valuation and Lands Agency

(VLA). The dataset was created following a complex data matching exercise using the address data from the three sources, and is maintained by OSNI.

The dataset contains both postal (PAF and new postal addresses not yet entered into PAF) and non-postal (objects without postal address information) addresses. The address data model for a valid Pointer address comprises a Primary Addressable Object (PAO) with one or more attached Secondary Addressable Objects (SAOs). Typically, a PAO is the unique combination of building number or name and primary thoroughfare, whereas the SAO(s) may represent the occupancy of the building.

## List Of Available Data Files

File Name	File Type	Comment
.ads	Additional Dataset	Contains Additional Dataset information. Must be used in conjunction with a .dts file.
.tpx	Typedown Index File	Indexing information for use with Typedown searching.
.dap	DataPlus Set	Contains <a href="#">DataPlus</a> information.
.zlx	Single Line Index File	Indexing information for use with Single Line searching.

# About This Data

## Area Covered

The Pointer Additional Dataset contains information for addresses in the following areas:

	England	Scotland	Wales	N. Ireland	Isle of Man	Channel Islands
GBRPTR Pointer				✓		

## About DataPlus Information

You can configure your Experian QAS products to use any of the available DataPlus sets that are available for GBR Address data and the GBRPTR Pointer Additional Dataset. Please refer to the relevant section of the product documentation for information on configuring Experian QAS products to return DataPlus information.

Each DataPlus set (.dap) is divided into one or more items. Experian QAS products can be configured to return these items via the Configuration Editor (using the element name) or the configuration file (using the code name). This section details the DataPlus sets currently available for GBRPTR Pointer Additional Dataset.

In addition to these DataPlus sets, GBRPTR Pointer data can also be used with the DataPlus sets available for GBR Address data. See the United Kingdom Data Guide for details.

## DataPlus Sets For GBRPTR Pointer Address Data

The following DataPlus set is available with GBRPTR Pointer Address Data:

- GBRPTL Pointer DataPlus.

### GBRPTL Pointer DataPlus

#### Identifier: GBRPTL

The GBRPTL DataPlus set returns postal address delivery point data, government boundary data, geographic data and usage data for a given address in Northern Ireland.

Element	Code	Description
1m Irish Grid X Coordinate	IrGridX	X coordinate for the address. This value is taken from the Irish Grid system and collected by a surveyor from OSNI. The value has a resolution of 1 metre.
1m Irish Grid Y Coordinate	IrGridY	Y coordinate for the address. This value is taken from the Irish Grid system and collected by a surveyor from OSNI. The value has a resolution of 1 metre.

OS Easting	OSEast	1m OS Easting grid-reference for the address.*
OS Northing	OSNorth	1m OS Northing grid-reference for the address.*
Latitude	Latitude	WGS84 projection compatible with the GPS system and returned to six decimal places.
Longitude	Longitude	WGS84 projection compatible with the GPS system and returned to six decimal places.
Temp Coordinates Flag	TempCoords	If the X/Y coordinates have been entered by the local council but have not verified by OSNI then the coordinates are temporary. Values are Y (record has a temporary, estimated grid reference) and N (record has a permanent, accurate grid reference).
Unique Building ID	UniqueBID	A unique 12-digit sequential number used to identify a PAO.
Business Use	BusUse	Current use of the address, derived from the VLA classification. Values are Commercial, Residential, Mixed, or Unknown.
Commencement Date	CommDate	Date when building has entered the Construction state as defined by the Local Council. Note that this value only applies to New buildings, and not buildings present when the GBRPTR Pointer Address Data was first populated.
UPRN	UPRN	Unique Property Reference Number for the address. This 12 digit number identifies a secondary addressable object.
Townland	Townland	Name of the small division of the county in which the address resides. Townlands are a traditional feature of addresses in Northern Ireland.
Building Status	BStatus	The status of the building. This can be None, Under Construction, Built, Derelict or Demolished.
Local Council Name	LCouncilIN	Name of the local council responsible for administrative matters, inside of which the boundary for the PAO falls.
Basic Land and Property Unit	BLPU	Reserved for future use.
Address Status	AddrStatus	The current logical status of the address. This can be Candidate, Provisional, Approved, Rejected or Historical.
Archived Date	ArchivedDate	The date when the address is deemed to be no longer in use. This will be populated when the Address Status changes to Historical.

*\*If required, you could use this DataPlus set with the GBR 100m Postzon Grid Reference (GBRGRD) DataPlus set. GBRGRD would return a resolution of 100m for the whole of Great Britain and GBRPTL would return a resolution of 1m for any address in Northern Ireland.*

# Using This Data

This section provides tips for address searching when using QAS Pro and QAS Pro Web, or when performing Interactive cleaning in QAS Batch.

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

## With QAS Pro

GBRPTR Pointer Address data can only be used with QAS Pro V5.02 or above.

### Search Examples: Typedown

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

- Postcode not known
- Full address known

Search type	Example
Postcode not known	<ol style="list-style-type: none"><li>1. Enter the county name, <b>co antrim</b>, and press <b>Enter</b>.</li><li>2. Enter the street name, <b>ballindreen road</b>, and press <b>Enter</b>.</li><li>3. Enter the building number, <b>40</b>, and press <b>Enter</b>.</li></ol> <p>The final address is returned:</p> <p>40 Ballindreen Road Ballybogy BALLYMONEY County Antrim BT53 6PA</p>
Full address known	<ol style="list-style-type: none"><li>1. Enter the postcode, <b>bt942gd</b>, and press <b>Enter</b>.</li><li>2. Enter the building number, <b>4</b>, and press <b>Enter</b>.</li></ol> <p>The final address is returned:</p> <p>4 Makenny Crescent Ballinamallard ENNISKILLEN County Fermanagh BT94 2GD</p>

## Search Examples: Single Line

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

- Searching for a business address
- Searching for a PO Box address

Search type	Example
Searching for a business address	<ol style="list-style-type: none"> <li>1. Enter the name of the business, followed by a comma and the locality: <b>tesco, yorkgate shopping centre</b></li> <li>2. The full address is returned: Tesco Yorkgate Shopping Centre BELFAST BT15 1WA</li> </ol>
Searching for a PO Box address	<ol style="list-style-type: none"> <li>1. Enter the PO Box number, followed by a comma and the locality or county: <b>po box 6, ballycastle</b></li> <li>2. The full address is returned: PO Box 6 BALLYCASTLE County Antrim BT54 6YD</li> </ol>

## With QAS Pro Web

### Scenarios

The following table indicates relevant search examples for each QAS Pro Web scenario and search engine that supports GBRPTR Pointer data.

Scenario	Search Engine	For search examples, see:
Single Line	Single Line hierarchical	<a href="#">Single Line search examples.</a>
Standard	Typedown Single Line hierarchical	<a href="#">Typedown examples.</a> <a href="#">Single Line search examples.</a>
Verification	Verification	<a href="#">Verification examples.</a>
Bulk Processing	Verification	<a href="#">Bulk Processing examples.</a>
ActiveX Control	Typedown Single Line hierarchical	<a href="#">Typedown examples.</a> <a href="#">Single Line search examples.</a>

## Search Examples: Verification

Users of QAS Pro Web 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	<b>13 Hillside Park</b> <b>ARMAGH</b>  This search brings back a verified address with the verify level of "Verified".
Multiple	<b>1 church road</b> <b>belfast</b>  This search shows what is returned if the user attempts to verify an address without knowing the sub-premises number or the street name. The search brings back a verify level of "Multiple" and offers a picklist of possible addresses.
None	<b>Missing Street</b> <b>Unknown Town</b>  This search brings back a verify level of "None" as the address does not exist in the data.
StreetPartial	<b>Teeraw Road</b> <b>BT61 8HG</b>  This search brings back a verify level of "StreetPartial" as the search did not define a property number for the street location "Suffolk Close".
PremisesPartial	<b>3 Northview</b> <b>NEWTOWNABBEY</b> <b>BT36 7JL</b>  This search brings back a verify level of "PremisesPartial" as there is more than one s at the address.

InteractionRequired	<p><b>5 Terrace</b> <b>BT82 8JJ</b></p> <p>This search brings back a verify level of “InteractionRequired” as the street name was not correct and, although there was only one match, the address requires verification from the user.</p> <p><b>5 Fountain Terrace</b> <b>STRABANE</b> <b>County Tyrone</b> <b>BT82 8JJ</b> <b>United Kingdom</b></p>
---------------------	--

For more information about the Verification engine, refer to the Address Verification section of the QAS Pro Web Integration Guide.

## Search Example: Bulk Processing

The following example shows a bulk search on six addresses which all return a different level of verification.

1. Select the Bulk Processing search method.
2. Select United Kingdom With Pointer data from the Datamap drop-down box.

### Bulk Verification

Enter Bulk Address

Addresses

Datamap: United Kingdom With Pointer

Next >

3. Type the addresses into the Addresses field, each address on its own line:

### Bulk Verification

Enter Bulk Address

Addresses:

- 13 Hillside Park, ARMAGH
- 1 church road, belfast
- Missing Street, Unknown Town
- Teeraw Road, BT61 8HG
- 3 Northview, NEWTOWNABBHEY, BT36 7JL
- 5 Terrace, BT82 8JJ

Datamap: United Kingdom With Pointer

Next >

4. Click Next to perform the verification on the entered address. The verification level for each address is returned:

## Bulk Verification

### Verification results

Input address	Verification Level	Formatted address																		
13 Hillside Park, ARMAGH	Verified	<table border="1"> <thead> <tr> <th>Label</th> <th>Line</th> <th>Line Type</th> </tr> </thead> <tbody> <tr> <td></td> <td>13 Hillside Park</td> <td>None</td> </tr> <tr> <td></td> <td>Hamiltonsbawn</td> <td>None</td> </tr> <tr> <td>Town</td> <td>ARMAGH</td> <td>Address</td> </tr> <tr> <td>County</td> <td></td> <td>Address</td> </tr> <tr> <td>Postcode</td> <td>BT61 9SE</td> <td>Address</td> </tr> </tbody> </table>	Label	Line	Line Type		13 Hillside Park	None		Hamiltonsbawn	None	Town	ARMAGH	Address	County		Address	Postcode	BT61 9SE	Address
Label	Line	Line Type																		
	13 Hillside Park	None																		
	Hamiltonsbawn	None																		
Town	ARMAGH	Address																		
County		Address																		
Postcode	BT61 9SE	Address																		
1 church road, belfast	Multiple	Label Line Line Type																		
Missing Street, Unknown Town	None	Label Line Line Type																		
Teeraw Road, BT61 8HG	StreetPartial	Label Line Line Type																		
3 Northview, NEWTOWNABBEY, BT36 7JL	PremisesPartial	Label Line Line Type																		
5 Terrace, BT82 8JJ	InteractionRequired	<table border="1"> <thead> <tr> <th>Label</th> <th>Line</th> <th>Line Type</th> </tr> </thead> <tbody> <tr> <td></td> <td>5 Fountain Terrace</td> <td>None</td> </tr> <tr> <td></td> <td></td> <td>None</td> </tr> <tr> <td>Town</td> <td>STRABANE</td> <td>Address</td> </tr> <tr> <td>County</td> <td>County Tyrone</td> <td>Address</td> </tr> <tr> <td>Postcode</td> <td>BT82 8JJ</td> <td>Address</td> </tr> </tbody> </table>	Label	Line	Line Type		5 Fountain Terrace	None			None	Town	STRABANE	Address	County	County Tyrone	Address	Postcode	BT82 8JJ	Address
Label	Line	Line Type																		
	5 Fountain Terrace	None																		
		None																		
Town	STRABANE	Address																		
County	County Tyrone	Address																		
Postcode	BT82 8JJ	Address																		

## With QAS Batch

GBRPTR Pointer Address data can only be used with QAS Batch V5.00 or above.

GBRPTR Pointer data and Suppression data cannot both be used in QAS Batch at the same time.

## Search Examples: QAS Batch Interactive

For information about the best methods for searching on United Kingdom With Pointer using QAS Batch Interactive please refer to the [Typedown search examples](#) and the [Single Line search examples](#).

## With QAS NameTracer Pro

For search examples using this data with QAS NameTracer Pro, see the QAS NameTracer Pro documentation.