Updated May 2025

geoplace

318 Planning authorities in England and Wales, 230 files processed per day, c.1,800,000 changes/month

175 local highways authorities per month, 2,375 new streets, 326,931 changes and 78,138 ASD changes

Regional and national highway authorities submit 29,919 interest records against USRNs each month

Scotland: loaded every 3 weeks. c.37,000 records amended per update. Over the last 12 months there were 638,921 updates

Northern Ireland: loaded every week. Over the last 12 months there were 80,284 updates

Isle of Man: loaded every week. Over the last 12 months there were 3,243 updates

Channel Islands: loaded every day. Over the last 12 months there were 25,598 updates

PAF – Daily change file, average 3,500 updates

VOA – Weekly change file, average 10,000 updates

OS MasterMap Topo – TOID Cross References – every 6 weeks = 99.999% match rate

OS MasterMap Highways – FID Cross References – every month = 100% match rate

OS OWPAs – 1,176,494

1 Load

Data from various sources in different formats and frequencies.

2 Validate

Checks run on source data, transformed data validated on export.

Address Data
364 checks on each file received from a local authority

Streets Data
824 checks on each submission

NAG Data
1857 assurance checks on product before delivery to OS

3 Link

Link and synchronise with AddressBase

Royal Mail
32,142,833 records, 99.12% of PAF linked to UPRNs

VOA
27,262,967 CTax records, 99.91% & 2,124,069 & NDR linked and x-ref 96.38%

4 Enrich & Transform

Use source data attributes to enhance product quality

Coordinates from OS
560

Postcodes from Royal Mail
6.992 million

Classifications from VOA
3.82 million

5 Analyse

Compare and verify source data.

- OS MasterMap
- OS Surveyors Change intelligence
- Care Quality Commission and Care Inspectorate Wales
- NAPTAN
- EDUBASE
- HM Land Registry Price Paid Data
- Energy Performance of Buildings Data England & Wales EPC Data
- General Pharmaceutical Register
- Department of Work and Pensions
- Food Standards Agency
- Student Source Limited
- Gaming Commission
- HM Prison and Probation Service
- NHS Digital

6 Publish

- AddressBase®
- AddressBase® Core
- AddressBase® Plus
- AddressBase® Premium
- AddressBase® Islands
- AddressBase Incremental Change Supply (ABICS)
- NSG publication
- OS MasterMap Highways Network
- OS Open UPRN
- OS Open USRN
- OS NGD
- OS APIs, including OS Places
- Inspire

GeoPlace

42,619,147
UPRNs in AddressBase Premium and Islands

Streets and USRNs in OS MasterMap Highways Network
1,703,161

A single, unified source for all addressing and street data in the UK