Great Britain
Ordnance Survey

Supporting customer use of Ordnance Survey National Geographic Database through enhanced data, simplified access, and more insightful analysis

"In a fast-moving world, customers require rapid, personalised access to trusted geospatial data. The launch of the Ordnance Survey National Geographic Database (OS NDG) in 2022 was the biggest digital transformation for OS in decades, revolutionising the way that our data can be accessed. We continue to grow and evolve the OS NGD by adding new data and improving its flexibility to help empower our customers to make better decisions across the public and private sectors."

David Henderson
Chief Geospatial Officer,
Ordnance Survey

Great Britain's location data is managed by Ordnance Survey in the National Geographic Database, which houses over 500 million landscape features of England, Scotland and Wales.

While in the past, users may have had to download large amounts of this data to get the information they were looking for, the Ordnance Survey National Geographic Database (OS NGD) collates its previous products into a simplified offer, making it straightforward for customers to select only the data they need.

Since its launch in 2022, Ordnance Survey continues to make significant improvements to the OS NGD, with enriched data introduced this year focused on helping customers who work in areas such as the emergency services, the land and property sector, and the transport network, with further enhancements to come.

The OS NGD has grown rapidly with over 1.6 million separate transactions having already taken place, helping decision-making in some of the most critical services, and playing a strategic role in supporting the economic growth of the nation.

Find out more:
www.ordnancesurvey.co.uk

Benefits

- Customers can personalise their access to the OS NGD database by feature, attribute or time, taking only the valuable data they need to help answer their questions, saving them time and effort.

- Users can access a variety of APIs through the OS NGD, allowing them to receive our new generation of detailed analytical data and can now run multiple concurrent versions of it at the same time.

- New OS NGD data introduced this year includes speed limits and average speed data for the public sector, enhancements to building data and the publication of a new national rail network data.

- Using data science techniques, Ordnance Survey is creating additional value for users by directly generating new insights contained within the data and making it available through the OS NGD.

- Customers can now access integrated third-party data within the OS NGD giving them even more tools to help answer the complex questions they are often faced with.

- OS NGD data can be easily shared between government departments to promote collaboration while also removing technical barriers.

- The OS NGD is available to the whole public sector in Great Britain and all of the OS licensed data partner community.

The OS National Geographic Database Is Evolving

New data for Transport, Buildings, Address, Water and Land Use

Improved searching of recipes and data within OS Select+Build

Share your created recipes with other organisations

New functionality to select different versions (schema) of data

New OS NGD API – Tiles, compliant with OGC standards

New functionality to choose your preferred Coordinate Reference System (BNG, WGS84)