

**3 BIG CHANGES
WITH OS NGD:
FEATURES, ACCESS,
GRANULARITY →**



NGD IS A FUNDAMENTAL RETHINK OF HOW LOCATION DATA IS STRUCTURED, ACCESSED, AND LICENSED

The Ordnance Survey (OS) National Geographic Database (NGD) represents a significant evolution in UK geospatial data, going beyond a simple replacement for legacy products like OS MasterMap Topo.

While it unlocks significant opportunities for improved operational decisions, risk analysis, and efficient field work, it also presents considerable organisational challenges.



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NEW FEATURES

NGD introduces a host of new attributes not available in OS MasterMap, offering enhanced insight for planning, analysis, and operations.

Opportunity

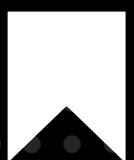
- 70+ new attributes (e.g. roof type, height, basement presence).
- Real-world infrastructure detail (e.g. tunnels, streetlights).
- Crowd-sourced place names and landmark identifiers.

Challenge

- Existing workflows may break due to new schema.
- Systems reliant on the OS MasterMap structure will need rework.



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NEW ACCESS METHODS

NGD can be consumed as a service and as traditional datasets. It supports flexible, scalable access methods to suit a variety of workflows.

Opportunity

- OGC-compliant APIs for dynamic access.
- Select + Build for targeted, efficient data use.
- Custom geographies to match real project boundaries.

Challenge

- APIs require upskilling and infrastructure changes.
- Precision demands greater care in query design.
- Risk of incomplete or incorrect extracts if not well managed.



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GREATER GRANULARITY

NGD moves away from rigid product bundling. Instead, its licensing model gives you full control over what you use and pay for.

Opportunity

- Licence only the features and areas you need.
- Pay based on actual usage, not pre-set bundles.
- Supports high-volume analytics and cost control.

Challenge

- Requires detailed knowledge of what you're using.
- Cost forecasting and procurement become more hands-on.
- Likely need to manage both NGD and legacy data during transition.



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there

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