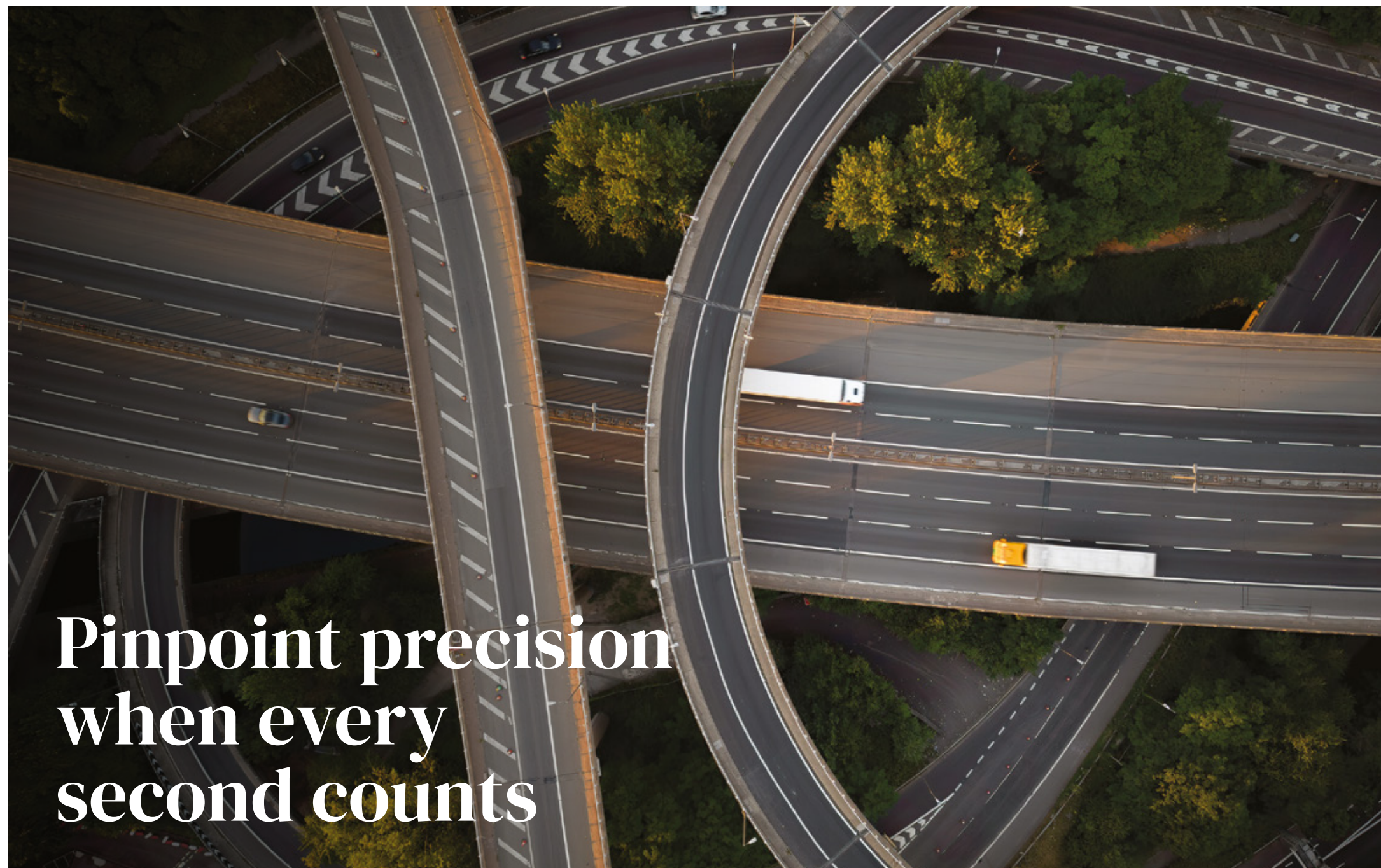




Delivering the power of the Ordnance Survey Emergency Services Gazetteer

Enhance location accuracy with trusted,
unified data, delivered through our Bluelight GMS.





Pinpoint precision when every second counts

In an emergency, every moment matters. The Ordnance Survey Emergency Services Gazetteer (OS ESG) gives you a critical edge, delivering trusted, national coverage of key locations not found in AddressBase Premium (ABP).

From hard-to-locate road junctions and bridge interactions to geographical features like cliffs, waterfalls and valleys, OS ESG enhances your ability to respond quickly, accurately, and consistently.

Whether it's a river rescue or a road incident, OS ESG is built to support accurate, efficient emergency response anywhere in the country.

Idox's Bluelight Gazetteer Management System (GMS) puts OS ESG, ABP and your local data right where you need it by integrating with your third-party systems.



What is OS ESG?

Developed in close collaboration with the emergency services community, OS ESG fills the crucial gaps in AddressBase Premium and other existing datasets, providing official locations with Unique Property Reference Numbers for absolute precision.

This is a dynamic gazetteer boasting critical location data now and promising a significant roadmap of vital data for delivery in spring 2026.

Available now:

- Key geographical names
- Road and highway junctions
- Bridge interactions
- Tunnels and tunnel portals.

Spring 2026:

- Weirs and slipways
- Third-party bridge identifiers, such as the name/code given to a canal bridge
- Crowd-sourced local names that emergency services feed into the Vernacular Names Tool.

This unified national dataset supports emergency services in responding faster, planning smarter, and reporting with clarity – whether you're West Midlands Police attending a city centre road collision in Birmingham or Merseyside Fire and Rescue Service called out to a riverside rescue on the Mersey.

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By integrating OS ESG into existing systems, emergency services gain faster, more accurate access to location intelligence, enabling quicker incident response, improved situational awareness, and better protection of life.

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Laura Gribble, ESG Product Manager at Ordnance Survey

What does the OS ESG currently include?



Geographical names

This includes prominent natural and geographic features that do not already exist in AddressBase Premium, from hills to valleys, cliffs and waterfalls. This data enhances navigation and provides location context — especially in remote or rural areas.

Use case: Enables responders to confirm locations using local names even when they are not familiar with the area. For example, with a flood, emergency services could link to a whole village/area, not just a single building, to provide more accurate statistical analysis.



Tunnels and tunnel portals

Tunnels have been given a point at the centre of the tunnel. Where a tunnel is more than 75m long, or is more complicated in shape, like an H shaped pedestrian subway, each tunnel portal, i.e. entrance/exit, will also get its own point, providing highly specific locations relating to the tunnel.

Use case: Clear entry points allow for a well-coordinated and efficient deployment of emergency services to incidents like fires or traffic collisions underground.



Road & highway junctions

This provides named and unnamed intersections, including alternate names and spelling variations, with their UPRNs to help pinpoint danger zones and boost safety where it matters most. No more second-guessing which “Five Ways” or “Station Roundabout” a caller means.

Use case: By analysing incidents at road and highway intersections, you can quickly identify high-risk spots and target them with smart, localised safety improvements.



Bridge interactions

Understand not just where a bridge is, but how it connects i.e. is it a road over water or a footbridge over a canal? This data supports risk assessment, incident logging, and resource planning with 54 interaction types included.

Use case: Provides critical situational awareness to better prepare emergency responders with the appropriate equipment needed.



Aligned to AddressBase Premium

OS ESG is aligned to the AddressBase Premium specification for pinpoint accuracy and integration with all your third-party operational systems, providing the:

- Unique Property Reference Number (UPRN)
 - the gold standard for identifying locations in Britain
- Basic Land and Property Unit (BLPU)
 - the physical place
- Local Property Identifier (LPI)
 - the readable address
- Classification – the type of feature (e.g. bridge, cliff, roundabout).

Using the same British Standard format enables:

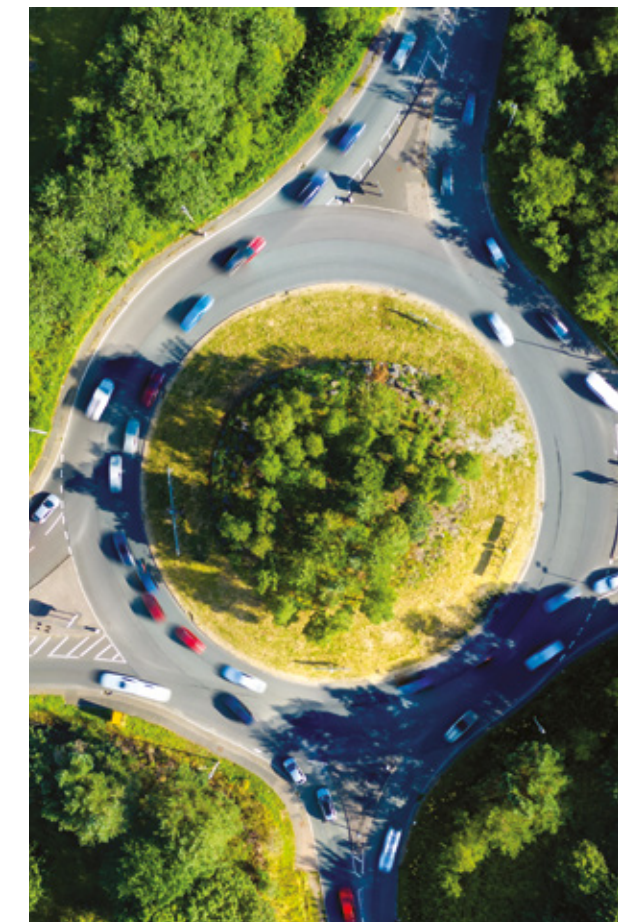
- Seamless integration with your Bluelight GMS, providing all your location data from a single, unified source
- Quick, accurate gazetteer searches
- Consistent incident recording
- Smarter mapping and visualisation
- Improved interoperability across systems.



OS ESG's alignment with AddressBase Premium ensures smooth adoption across platforms already in use, reducing friction and maximising operational impact.



Laura Gribble, ESG Product Manager at Ordnance Survey





Seamless OS ESG delivery through Idox's Bluelight GMS

Powering smarter emergency response with streamlined location intelligence

Idox already supports over half of Britain's emergency services through our Bluelight Gazetteer Management System (GMS), delivering AddressBase Premium (ABP) alongside locally captured addresses, all aligned to the British Standard and powered by Unique Property Reference Numbers (UPRN). Now, with OS Emergency Services Gazetteer (ESG) integration, we're taking that support even further.



It's brilliant to see OS ESG is now available. Our customers have been asking for this for some time, and now we can deliver the detail they need to speed up response times and fine-tune prevention and protection efforts.



Claire Russell, Idox Product Specialist

Why choose Bluelight GMS?

In a nutshell – it is your central hub for powering verified, actionable location data to all your third-party systems.

Why is this important?

A single, trusted source of truth

Bluelight centralises ABP, OS ESG, and local addresses – all in British Standard format and underpinned by UPRNs – to ensure absolute accuracy and consistency.

Integration across the service

Shares data effortlessly with third-party systems to ensure consistency across your service, enabling:

- Faster and more precise resource deployment
- Rich, actionable location insight for better decision-making
- UPRN-powered connectivity for effective planning, prevention, and risk modelling

Effortlessly updated, eliminating manual upkeep and reducing IT overhead

Our managed, cloud-hosted service ensures real-time data updates and application upgrades, eliminating the burden of IT maintenance.

Zero duplication, pinpoint precision

Automatic syncing of OS ESG and ABP updates, plus local addresses, guarantees consistency and eliminates duplication.

Smarter decisions with integrated data intelligence

Connect risk data, local knowledge, and incident history directly to address records in our Bluelight GMS to enhance:

Hotspot and blackspot analysis

Identify trends in incidents such as road traffic collisions or repeat emergencies.

Resource targeting

Deploy teams more effectively to where they're needed most.

Inter-agency collaboration

Share accurate, up-to-date location data across services for a unified response.

Real-world benefits of OS ESG for emergency services

Accurate incident location reporting

Easily record the exact location of incidents at hard-to-find road junctions or rural landmarks. Analyse patterns, identify high-risk zones, and plan better.

Faster, smarter response

Identify caller-described locations instantly, whether tunnel entrances or rural water features, reducing dispatch delays and improving ETA accuracy.

Improved public safety outcomes

- Rapid and reliable address searches
- Streamlined incident recording
- Shared, standardised data across agencies
- Stronger prevention, analysis, and coordination capabilities.





Trusted by Britain's emergency services

More than half of Britain's emergency services rely on Idox's Bluelight GMS to deliver precise, accurate address data right where it's needed most.

Now with the integration of OS ESG alongside ABP and local addresses, it powers faster response, smarter planning, and clearer reporting when every second counts.



It will be really valuable to bring the additional ESG data into the control room setting, helping us deploy crews quicker to those tricky locations that don't exist in AddressBase Premium.



Richard Jebb, Data Solutions Manager, London Fire Brigade



If the Bluelight GMS can deliver this along with all the updates and ABP synchronisation, this is certainly something for us to explore.



Nicola Smith, Data & Intelligence Manager, Cambridgeshire FRS

Ready to see Bluelight GMS and OS ESG in action?

Get in touch to organise a demo or to chat to one of our experts at:

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www.idoxgroup.com

Idox. Do more.

