

# The Next Generation Enterprise Geospatial Data Capture

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## SUMMARY

As the National Mapping Agency of Great Britain, the currency and completeness of Ordnance Survey core data is critical. With an international supply chain and multiple flowlines, the need for immediate decision-making using GIS to plan and schedule our data maintenance is essential. A vital element of any solution is the ability to transform data capture capabilities to support the changing analytical needs of geo-spatial data users.

The current technical system was put into production in 2011 after a number of years in development. Since then, the Geospatial Solution market has expanded beyond what was envisaged and whilst our data has remained a vital source to our customers, the necessity to develop a system that enables effective and efficient expansion alongside the continuing growth in this industry is imperative.

Ordnance Survey has built a new capture and maintenance solution, using a web-based suite of GIS tools, that will enable flexible solutions to the changing needs of customers. These tools provide users with the infrastructure to make real-time planning and scheduling decisions, responding dynamically to the needs of the moment. In addition, the solution includes an innovative new remote sensed capture process that provides an intuitive user experience whilst maintaining the data quality standards our customers have come to expect. And for the continued technical maintenance, the configured components will facilitate straightforward and efficient software updates. It will also provide the capability to expand existing data sets and incorporate new themes, which will enable a continuous source of valuable data for customers.