

DataMapWales

Serving as a source for public sector location data in Wales

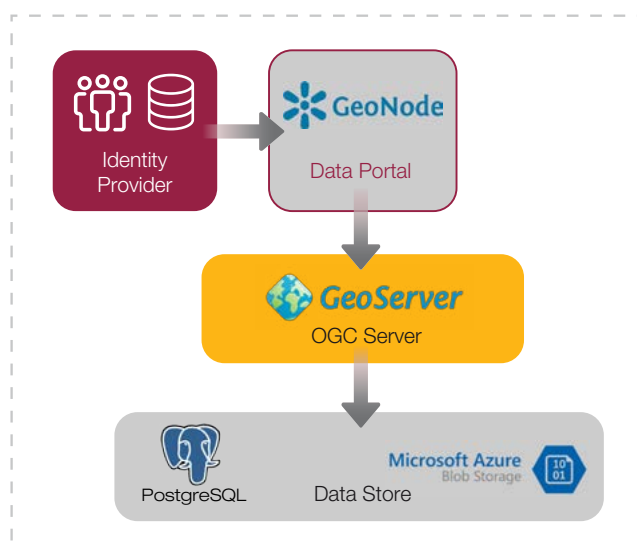
DataMapWales is an open data portal for the Welsh Government. It provides a shared platform to members of the public and public authorities, enabling information to be shared in a common format.

DataMapWales needed a single source of truth as they had multiple data sources from different parties. Having multiple sources of data created the risk of duplication and inconsistencies as well as an increased effort to process, which ultimately affected their ability to make location-based decisions.

At the same time, they needed a platform on which they could rapidly deploy pan-Wales location-based services such as Active Travel and COVID-19 related services. The requirement was to achieve this in an open way, with data being interoperable and services based on a common open standards-based platform that could interface with existing geospatial tools.

The solution

CGI worked with the Welsh Government as a combined team to design an open architecture based on open standards. We delivered using proven supported enterprise-class tools that were open by design, as shown by the OSGEO stamp. The application now lives in the Welsh Government Azure tenancy with the government providing application support, and CGI providing fourth-line product support.



Above: The Open Data Technology Stack



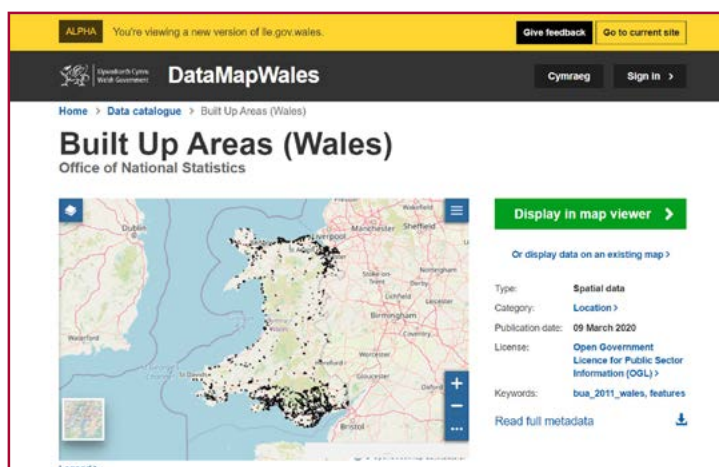


The result

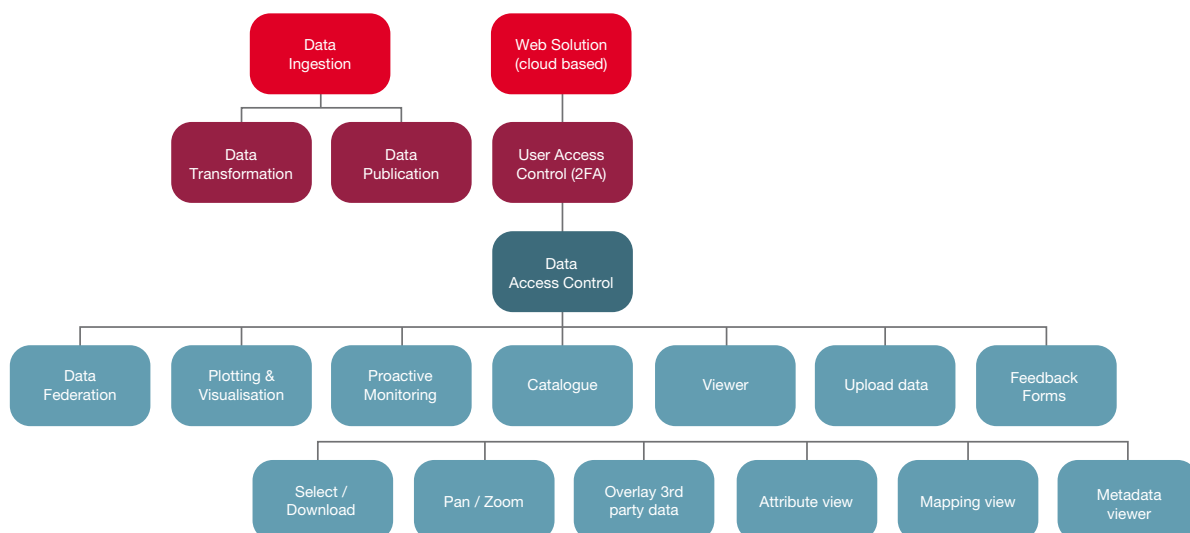
As a result of the solution, the Welsh Government now had a standard way of downloading data in a single location, which reduced complexity:

- **Open data portal** – provided one version of the truth, enabling data to be shared with the public and agencies in a common format
- **Data Platform** – provided a one-stop-shop enabling others to develop location-based services and a hub for others to contribute data to
- **Location-based services platform** – allowed the Welsh Government and others to rapidly deploy location-based applications and services based on a common set of tools and open architecture principles.

Due to our approach to work as a combined team and the success of the solution design, CGI has recently been appointed to deliver the fourth line support contract for DataMapWales.



Above: The Open Data Portal



Above: Data Map Wales – Business Overview



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About CGI

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