



Digital geological information delivery in the Geological Survey of Ireland (GSI)

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Digital information is delivered through a web portal with other spatial data from the Department of Communications Energy and Natural Resources. Individual viewers specific to major GSI topics can be accessed for a central web page on the GSI website. Most data is available to download from our data download site the Interactive Web Data Delivery System (IWDDS) which is interactively linked to our main viewers. More recent viewers include 3D viewers able to show the topography of a selected area, as well as dynamic legends for some layers and the ability to choose from a selection of basemaps and choose the transparency of each basemap.

The hardware infrastructure for web delivery is based on virtual server technology and SAN technology, this maximises uptime and ease of administration as well as providing a flexible scaling of architecture as the need arises.