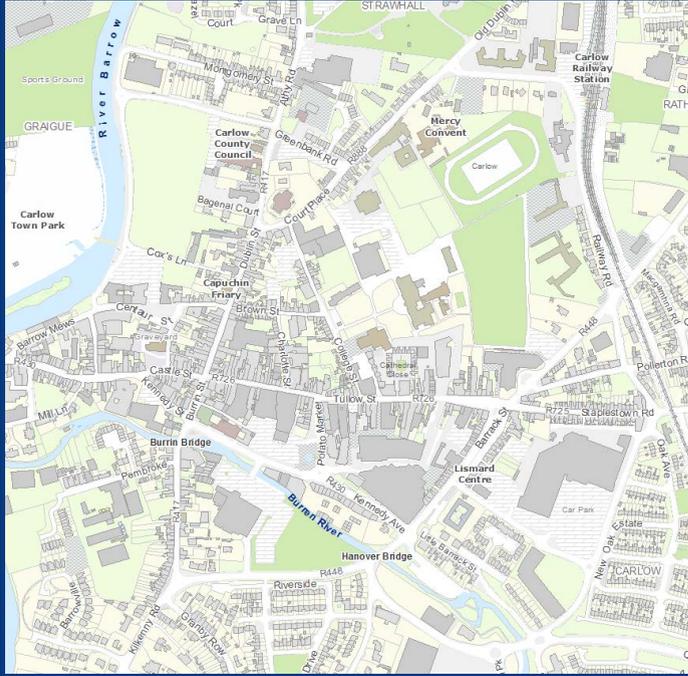


## National coverage OSi's premium Largescale data



**DLM Core** is a standardised spatial data referencing platform for Ireland. This object-oriented digital mapping data model has been developed to international best practice standards. OSi's Digital Landscape Model (DLM) describes the topography in a logical way.

The world is represented by digital 'objects', which are unaffected by data capture scale or display resolution. The term 'Core' represents the highest resolution topographic data that OSi has.

**DLM Core** refers to the DLM schema containing the core (highest-resolution) data and is a mathematical mapping of the real world into an object-oriented digital representation. Within DLM Core, all objects have a Geographically Unique Identifier (GUID) and data relating to that object is maintained during the complete object life cycle.

**DLM Core** is a seamless digital database for the entire country. It does not contain the concept of individual map sheets, so DLM Core treats all mapping features as continuous objects, unbroken by map edges. There are approximately 50 million objects in DLM Core.

**Description:** Digital data extracted from OSi's PRIME database; a standardised, authoritative digital framework that enables the consistent referencing and integration of data related to location. The data included comes from a combination of sources; re-engineered data from OSi's previous digital database, and new data plotted from orthophotography or captured on site by GPS.

### Key Characteristics and Benefits of DLM Core include:

- Individual real-world topographic features represented by points, lines, and polygons, data is attributed with metadata, including text labels (place names etc.)
- The data is delivered as a seamless, geographically contiguous area. This means that the user can be supplied their Area of Interest and are not constrained to set extents as may happen with tile-based products.
- Each feature is uniquely referenced with a GUID and has attributes that record the feature's life cycle. The feature's life cycle is linked to the life cycle of the real-world object it represents. The life cycle records certain types of changes to the feature that occur over time indicating when individual objects were first mapped, amended, or deleted.

**Data Series:** This is OSi's most current data extracted from a database that is updated nightly and released on a monthly or quarterly basis depending on formats supplied.

**Coverage:** National coverage (Republic of Ireland)

**File Formats:** Available in a range of formats including DWG, DGN, FGDB, SQL, Oracle DMP, CSV and PostGIS

**Specifications:** The specifications vary depending on the format supplied.

**Projection:** Available in ITM (Irish Transverse Mercator) projection. Some formats are available IG (Irish Grid) projection on request. Project areas of between ½ km and 4 square km can be purchase by area of interest (AOI) from <https://store.osi.ie/index.php/digital-landscape-model.html>

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