

OS¹MasterMap

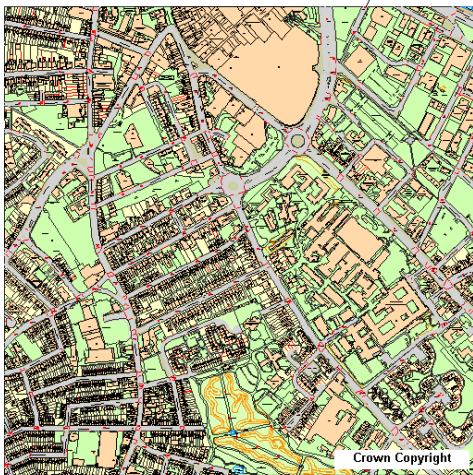
Developed by dhp11, this MicroStation² add-on allows the creation of map files direct from Ordnance Survey (OS) MasterMap data.

OS DATA

OS MasterMap data is supplied by the Ordnance Survey and is available in a number of different formats (or layers) - these include:

- [Topography Layer](#)
- [Integrated Transport Network™ \(ITN\) Layer](#)
- [Address Layer 2](#)
- [Imagery Layer](#)

The Topography Layer consists of features which includes buildings, fields, roads, etc. The dhp11 OSMasterMap translator allows the import of the Topography Layer to produce map backgrounds which can be viewed within MicroStation.



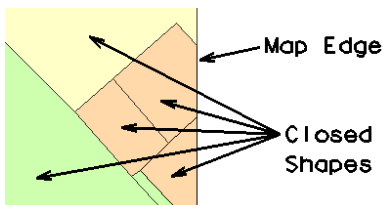
All feature symbology (i.e. colour, line style, line weight, shape fill, etc.) is controlled from a single symbology file. This file allows the user to decide how the imported map data should be imported and displayed.

TILED OR UNTILED MAPS?

If required the OS MasterMap translator is able to create tiled map areas at specific sizes (i.e. 500m, 1km).

The OS MasterMap translator will automatically generate valid OS map tile references (i.e. SK7887NE, SK7987) for the maps filename.

If filled features are required, then the OS MasterMap translator will automatically close any shape features that fall on a map tile boundary.



Other circumstances may require untiled map areas to be produced - which can also contain either filled or unfilled features (shapes).

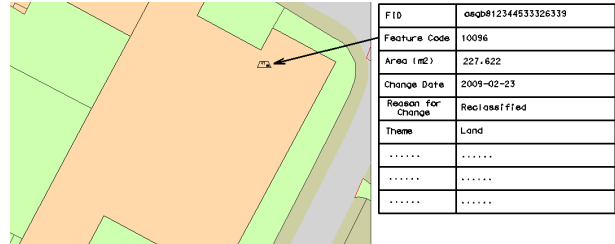
BATCH TRANSLATION

A number of OS MasterMap files can be translated at the same time using the batch translation mode. Translation options allow files to be created which contain either tiled or untiled maps with either filled or unfilled features, etc..

FEATURE INFORMATION

Every feature held within a OS MasterMap file has its own unique identifier (TOID).

Using specific dhp11 tools - a TOID reference allows the user to interrogate and display information related to a specific feature.



The dhp11 OS MasterMap translator allows information associated with a single feature (using its TOID reference) to be imported into a database. This allows functionality available within a database to be used to interrogate the OS MasterMap data.

REPORTING OPTIONS

Because of the extra information available in OS MasterMap data it is possible to produce detailed reports relating to OS MasterMap features.

The dhp11 OSMasterMap toolset allows the creation of reports to show the number of individual features contained within a specific map area, the number of buildings, the length of all road networks, etc.

Other Features

- Display a list of map files available for a specific OS MasterMap file

MORE INFORMATION

For more information on the OS see www.ordnancesurvey.co.uk.

For more information on the dhp11 OSMasterMap add-on for MicroStation email derek.hunter@dhp11.com or telephone 01142 899393.

1 "OS" Ordnance Survey

2 "MicroStation" is a trade mark of Bentley Systems Inc.