

Smart Maps Help Guide



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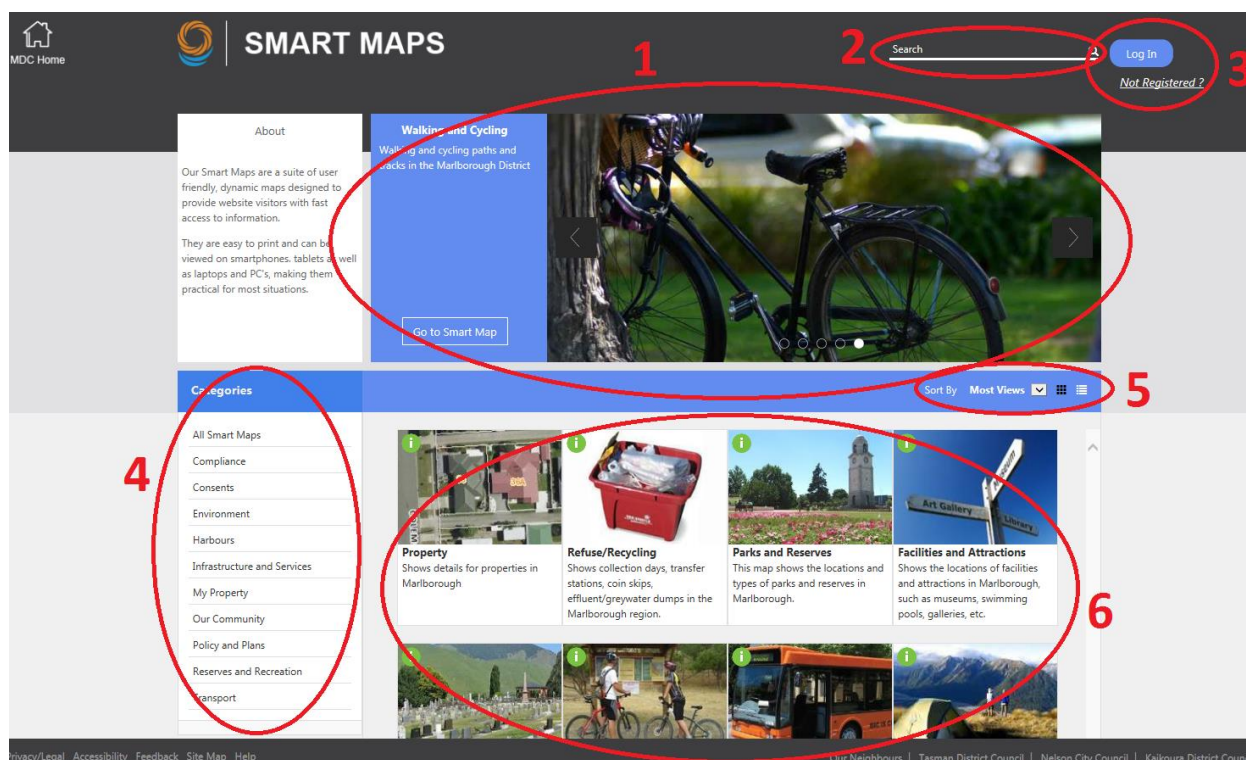
Logging In


Smart Maps now features an optional user login. After logging in, you can save maps as 'Favourites' and you can save your own maps with drawings, measurements, etc. These maps can then be reloaded at a later date or sent to others to view. Creating a login is free and is created through the Marlborough District Council Online Services portal.

Smart Maps Portal Page

Open Smart Maps by going to <https://smartmaps.marlborough.govt.nz/smaps/>

Smart Maps is available on PC, tablet and mobile devices. It will appear slightly different depending on your device but will look something like below.






1. **Featured maps panel** – cycles through five of the most popular maps.
2. **Search** – use this to search for a specific map using keywords e.g. park, consent, mooring, etc.
3. **Log In** – log in using your MDC online services account to save maps as favourites and save your own smart maps, with drawings and measurements, etc. After you log in, Smart Maps will automatically display your Favourite maps if there are any set.
4. **Categories** – filter the maps panel to only show maps relating to a certain category.
5. **Sort** – change the map sorting to Most Recent, Most Views, or by Title. You can also change the way the main maps panel displays.
6. **Main maps panel** – by default, displays all maps in order of the most viewed. Click on the  button to view more details about any map.

After logging in

After logging in, you will have two additional categories available called “My Saved Smart Maps” and “My Favourite Maps”. Saved maps are created using the ‘Save Map’ panel in a map. This is covered later in this user guide.

Favourite maps are maps which you have chosen as a ‘favourite’. After you log in, the default category shown is your favourite maps. This should make it easier to find the maps you use most often.

To save a map as favourite, click on the  button. You can remove a map as a favourite by clicking on the  button.

Saved Maps can be opened from the Smart Maps page, and you can also delete any unwanted saved maps by clicking on the  button.

Smart Map Viewer

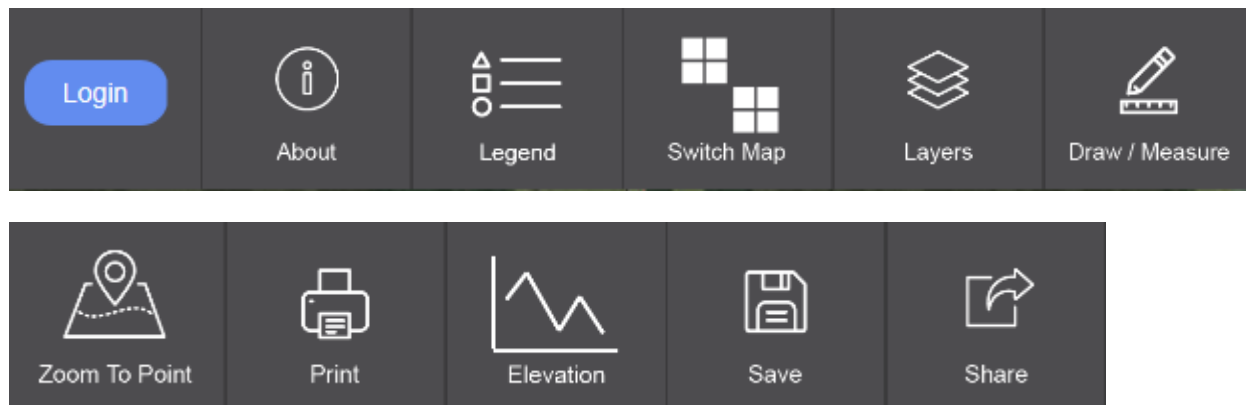
Navigation

When you open a Smart Map, the top left corner will appear as below.



1. Click on the MDC logo or Map Name to access the Smart Maps Gallery.
2. Zoom in/out using these two buttons.
3. Will return the map to its initial extent.
4. Will zoom the map to your current location (you will need to share your location for this button to work).
5. These buttons return the view to previous or next extents.

Toolbar



The tools are available in all smart maps, on all devices, except for the Elevation tool which is not available on mobile phones.

Login

This logs you into Smart Maps using your MDC online profile account. After logging in, you can save maps. You can save the location you are zoomed into, the map you are looking at, and any drawings/measurements you have made.

About

This panel will give you information about the map. It will tell you what data the map is showing and may provide links to various parts of the MDC website, or other websites.

Legend

The legend panel will show what the different symbols represent on the map. Depending on the map you are in, the Legend panel may have many features or may only have a few features present.

Switch Map

Use this tool to change to a different Smart Map. When you change maps using this tool, the map will keep the same extent you were viewing the last map at, so you don't lose your place.

Layers

Use this panel to turn the different layers on/off in the map. Depending on your map, there may be many layers available to view. Generally, most maps will have different labels, aerial photos and topographic maps available.

Draw / Measure

Use this panel to make drawings / measurements on the map. This panel will be covered in more detail [later on in this help guide](#).

Zoom to Point

Use this panel to zoom the map to co-ordinates. You can use the following co-ordinate systems in Smart Maps.

- New Zealand Transverse Mercator (NZTM)
- New Zealand Map Grid (NZMG)
- WGS84 Lat-Long (GPS)
- WGS84 Decimal Degrees (GPS)

Print

You can create prints in A4 or A3 from Smart Maps. Different file formats are available, and more options are available under the Advanced button.

Elevation

You can generate an elevation profile in any map. To use this tool, open the panel and click on the measure tool within the panel. Then create a line on the map of the area you want to generate an elevation profile for. Double click to finish, and a profile will be generated.

You can hover your mouse over the graph to see where on the map the graph relates to.

This elevation data is derived from 30 metre resolution, satellite data. It should only be used as an indication of elevation/height.

Save

You can use this panel to save maps, open previously saved maps, or manage your saved maps. You must be logged in to use this panel. The save panel will be covered in more detail [later in this help guide](#).

Share

Using the share panel, you can share a map to a range of social media sites, or email. You can share the map you are in, and the location you are looking at. If you share a saved map, you can also share drawings/measurements.

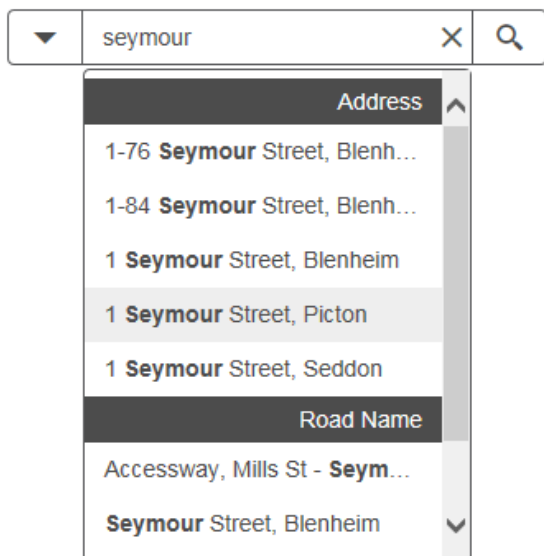
Searching

Smart Maps has searches available in every map. There may be multiple searches available depending on what map you are viewing, often searching on layers only related to that map e.g. searching for Marine Farm numbers is only available in the Marine Farms map.

The search is available using this window in the Smart Maps viewer on PC. If you hover the mouse over the search box, you will get a list of all the searches available in that map.



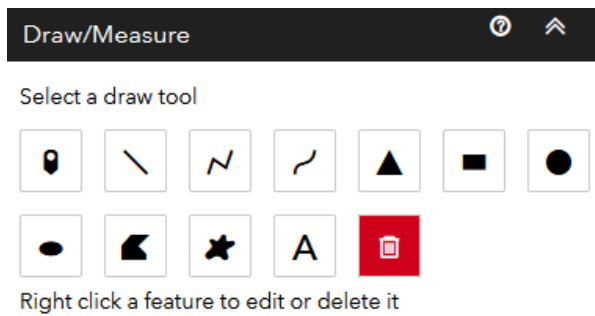
To perform a search, simply type in your search query. Any results matching your text or number will show up in a dropdown list. Click/tap on the result you want to zoom the map to.



Your search result will be highlighted in blue.

Draw/Measure Panel Details

When first opened, the draw/measure panel appears as below



Select the shape type you wish to draw – point, line, polygon or text.
(The red cross button will delete all drawings on the map.)

After clicking on a shape type, you will be presented with the style options as below



Simply select the kind of drawing you want, or change the options manually to create your own style.

If you want to display measurements on the map, tick the “Show Measurements” box.

Measurements displayed on the map vary depending on the kind of shape type you have selected.

- Showing measurements on a point feature will display the feature co-ordinates.
- Showing measurements on a line feature will display the feature length.
- Showing measurements on a polygon will display the area and perimeter.

After ticking the Show measurements box, you have options to change measurement units and text styles.

Show Measurements

Area Units Hectares

Perimeter Units Metres

Font Arial

Font Weight Bold

Font Style Regular

Font Colour

Font Size 16

After selecting your desired options, make your drawings on the map.

After doing one drawing, you don't need to set up the options again, you can just select the drawing type and make another drawing on the map.

You can edit features you've drawn on a map by right-clicking on them to get the options of Edit, Move, Rotate/Scale and Delete (these options are not available on touch-devices).

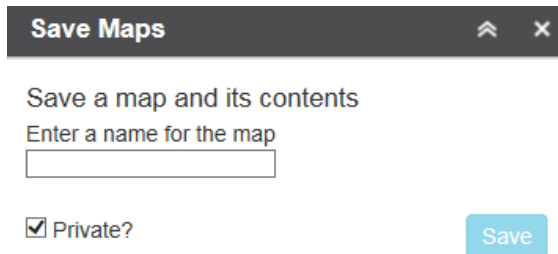
Save Panel Details

To use the Save panel, you must be logged in using your MDC Online Services account.

After logging in, you can save maps and drawings. Saving a map will save:

- The map you are in
- The location you are viewing
- Any selected features
- Any drawings or measurements made using the Draw/Measure tool.

To save a map, type a name in for your map and click Save.




The screenshot shows a dark grey header bar with the text "Save Maps" on the left, an upward-pointing arrow icon, and a close (X) icon on the right. Below the header, the text "Save a map and its contents" is displayed. Underneath is the prompt "Enter a name for the map" followed by a text input field. At the bottom left, there is a checkbox labeled "Private?" which is checked. To the right of the checkbox is a blue "Save" button.


The "Private?" box is ticked by default, and means no one else can view your saved map. If you want to share your saved maps with someone else, click on the 'Share this map' button. This will make the map 'public' but only people with the URL can view the map.


After saving a map, it will appear in your Save Maps panel. (It will also show up in the "My Saved Smart Maps" category on the main Smart Maps page)


After saving a map, the Save Map panel will look like this



The screenshot shows the "Save Maps" panel after a map has been saved. The header bar is the same. Below the "Save a map and its contents" section, the text "Enter a name for the map" is followed by an empty text input field. The "Private?" checkbox remains checked. A blue "Save" button is present. Below this section, the heading "Select the map that you would like to load" is shown. Underneath is a map thumbnail of a cemetery. To the right of the thumbnail is a text input field containing "My Map" with a red close (X) icon to its right. Below the input field, the date "05 May 2016" and a checked "Private?" checkbox are displayed. At the bottom right, there are two green buttons: one with a refresh icon and one with a share icon.

You can make changes to a Saved Map by editing the name or any drawings you have on the map, then clicking on the  button.

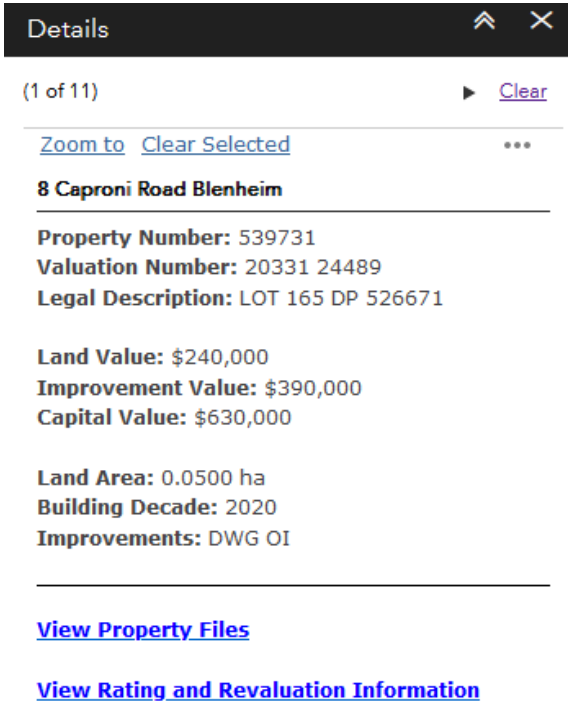
Share a map by clicking on the  button. (Note that when you click the Share map button, it is automatically changed to non-private. This means anyone with the link can view your map. If it is set as private, you must be logged in to view the map.)

Delete a saved map by clicking on the  button.

Other parts of the map

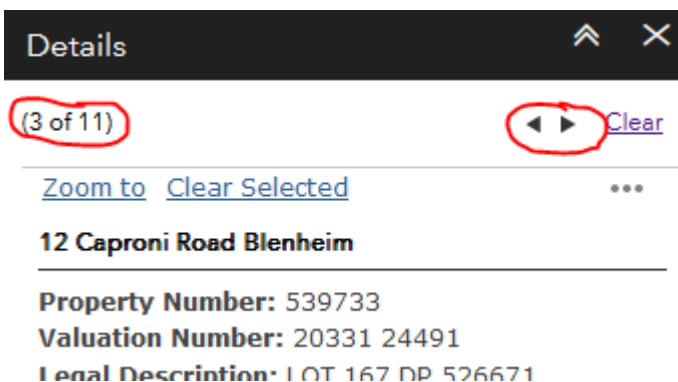
Pop-Ups

To select/identify features, simply click on them. This will open a pop-up window as below.

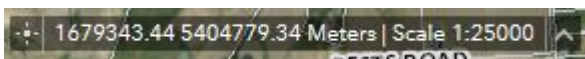


The pop-up window can be maximised or closed.

Please note that if you select multiple features, a single pop-up window will open, but it will have text in the top left corner like below. Click on the triangle icons to switch between the selected features.



Co-ordinates Display

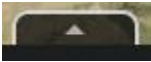


If you are on PC/computer, you will see this box in the bottom-left corner. As you move the mouse around the screen the co-ordinates will update. The default projection is NZTM.

You can also get co-ordinates in NZMG and WGS84 by clicking on the arrow on the right-hand side of the box.

Attribute Table

Some maps will have this tab on the bottom of the screen (not available on mobile phones or small tablets).



This provides an attribute table of selectable features on the map.

OBJECTID	property_no	assessment_no	PropertyAddress	LegalDescription	ValuationImprovement	ValuationBldgDecade	LandArea	LandValue	ImprovementValue	CapitalValue	SHAPE	SHAPE.area	SHAPE.len
1002323	100087	19850 00500	Tinui Island d'Urville	TINUI ISLAND BLKS V IX DURVILLE S D			89.0308	943,000	0	943,000		936,542.856555205	5,612.790697903706
1002324	302	-	Marlborough District Marlborough	CROWN LAND			null	null	null	null		114,519.609308105	8,844.7123524
1002325	100132	19850 00800	d'Urville Island d'Urville	RANGITOTO 882 PT RANGITOTO 883 (ML7916)			230.218	374,000	0	374,000		2,317,495.16189896	10,815.21894585336

Further options are available if you open the 'Options' menu, including exporting features to spreadsheet and filtering the table to only show features visible on the map.

Contact Us

If you need further assistance, contact the Marlborough District Council;

- on (03) 520 7400
- email mdc@marlborough.govt.nz
- provide feedback through the [Map Feedback form](#)