BONDI, NSW AU

EXPLORING LOCATION

SEARCH

To navigate to a specific location, type the location name into the search bar. Search by street address, latitude and longitude coordinates, suburb, places of interest.

Quickly navigate to a location on the map by dropping a location marker using the **Marker** tool.

Add as many markers as you want. Copy the address, coordinates and MapBrowser URL using the context menu on a selected marker.

Hot tip: You can modify the URL to change survey date and time, change rotation and zoom level. Visit help.nearmap.com for more information.

NAVIGATION

Use the navigation tools to zoom in and out, and rotate the map. Click and rotate the **Compass** tool to view the location from any cardinal direction.

Use the keyboard and mouse to perform the same actions. Use touch navigation on laptops, tablets and mobile devices.

Navigating with a keyboard & mouse:
- **Pan:** Left-click & drag
- **Zoom In:** Shift & + OR Scroll wheel
- **Zoom Out:** Shift & - OR Scroll wheel
- **Rotate:** Alt + Left-click drag

Navigating on a tablet:
- **Pan:** Drag any part of the touch-pad with one finger
- **Zoom In/Out:** Pinch-in & pinch-out
- **Rotate:** 'Spin' the map using your thumb and forefingers

SWITCH BASE LAYER

Select from one of these base layers to view imagery depending on the Nearmap subscription you have:

- **Vertical** – Default, orthorectified aerial map
- **Panorama** – Offers 45-degree angle views from different cardinal directions
- **Terrain** – Lets you view the terrain
- **Oblique** – Provides individual photos of an area taken at a 45-degree angle
- **Roads** – Shows a view of the street maps only, with no aerial imagery visible
- **True Ortho** – A continuous ortho mosaic implementation of the **True Ortho** option provided through 3D Export
- **3D** – Streams Nearmap Textured Mesh inside 3D Viewer

NAVIGATING TIME

HISTORIC CONTENT

Use the **Date Selection** tool to view any available historical capture by selecting a survey date.

It's important to note that the **actual date and time of the imagery** may differ from the survey date. To get the exact timestamp of the location, use the **Marker** tool.

Nearmap updates Vertical imagery in major urban areas up to **six times a year** across Australia, and up to **three times a year** in the United States. Visit www.nearmap.com/coverage for the latest coverage information.

SWITCH VIEWS

Click the **View Switcher** button located next to the date box, and select **Split View** to enable side-by-side comparison of two vintages. View the changes over time by dragging the slider across the screen.

From the **View Switcher** button, select **Mirror View** to view the side-by-side by image along with annotations, markers, measurements and AI layers in both surveys.

The default is **Full View**.

TIMESTAMP & WATCHLIST

Using the **Marker** tool, you can click on a location on the map and a location marker will appear at the location. Information about the particular survey location will be displayed on the right-hand panel, including: address, geo-coordinates and timestamp. From here you can also click to copy and share the location URL.

You can also add a location to your **Watchlist** so that you can be notified via email every time we publish new imagery that contains your selected location.

MEASURING & ANNOTATING

LINE

The **Line** tool allows you to measure the length of feature on vertical imagery — such as the length of a fence or a jetty. It could also measure the length of a path composed of multiple lines.

You can also choose to view the bearing of the line and the elevation profile of a line or path.

Select the appropriate units of measurement, colour, brightness, and opacity of the line, and hide/unhide the measurement labels.

AREA

The **Polygon/Rectangle/Circle** tool is perfect for getting approximate measurement of an area on vertical imagery. To do this, simply draw the shape on the map to measure its area and the length of its sides.

Obtain the **aggregate area measurement** by simply selecting the objects while holding the Shift key.

Select the appropriate units of measurement, colour, brightness, opacity, and hide/unhide the measurement labels.

TEXT ANNOTATION

Use the **Text** tool to annotate and add symbols to the imagery. Select the colour, size, brightness and opacity of the text.

LAYERS

BOUNDARIES

Go to the location of interest, select the **Boundaries** check box, under **Data Layers** in the left-hand panel. Make sure you are at zoom level 16 or higher to view the **Cadastre** or **Property** lines.

ROADS OVERLAY

Street names can be overlaid on the map to easily orient yourself on the vertical imagery.

To do this, simply open the menu on the top-left corner and click on **Roads Overlay** under **Data Layers** section.

To view the street map without aerial imagery, select **Roads** from the list of base layers next to the date selection tool.

JUMP TO STREET VIEW

Easily jump into Google Street View from within MapBrowser! Simply right-click anywhere on the map and select **Google Street View** from the context menu, which will load the selected location in a new browser tab.

Do note that this content is sourced directly from Google, and may not reflect the same vintage (date and time) of the Nearmap content for your location.

PROJECTS & KML/KMZ

PROJECTS

Projects help you organise and manage your work by allowing you to save information about different jobs or sites that you are working on, and need to revisit. Create as many projects as you need and use labels to organise your projects.

Archive projects that you do not need to work on it. Archiving projects is a useful way to manage your project list and keep it clutter-free.

Everything you draw in your project will be saved automatically, so if you happen to refresh your browser, you will not lose your work — phew!

If you have lots of different objects in your layout, you can use 👁 in your **Layer Manager** to hide and unhide layers, which can make it easier to view imagery or other features on the map.

KML/KMZ IMPORT

The **KML/KMZ Import** feature allows you to import additional geospatial information into MapBrowser to view as an overlay on Nearmap imagery.

You can do so by simply (1) dragging and dropping the KML/KMZ file onto the map, or (2) clicking + next to **Feature Layers**, then selecting the KML/KMZ file, and uploading the file.

EXPORTING IMAGERY

SNAPSHOT

Click the **Snapshot** button to export a screenshot of your map with visible measurements and annotations.

The downloaded image will be saved locally to your computer as a .png.

Exporting a screenshot is very useful for sharing an image quickly with others via email, or for use in presentations. Snapshots are created at screen resolution.

GEOREFERENCED

Export tool enables you to download high resolution vertical imagery with a georeferenced file in a projection of your choosing to bring into third-party applications.

Click **Download Files** to save the image file and georeferenced file to your computer as a zip file. The image file is saved as a .jpg, and the georeferenced file is saved as a .jgw.

HIGH RESOLUTION

Export tool also enables you to download high resolution vertical imagery.

Select the area you would like to export, and choose the resolution you want for the exported image. Click **Download Image**, to save the file to your computer as a .jpg.

Exporting a high resolution image is very useful when you need a high quality image export, for example for printing imagery.

OBLIQUE

VIEW OBLIQUE IMAGERY

Nearmap **Oblique** imagery provides a 45-degree angle view of a location. Oblique imagery differs from Panorama in that it is individual, unaltered photos of an area taken from different cardinal directions, rather than stitched vertical imagery.

To access, drop a location indicator at the area of interest, then click **View Oblique Photos** from the context menu, in the right-hand panel or select **Oblique** from the **Base Layer** tools.

MEASURE HEIGHT AND WIDTH

Use the **Height** and **Width** tools to measure buildings from each cardinal direction.

Measuring Height:
Zoom in as close as you can, and start from the ground point from which you are measuring height, then measure up to the top of the building or object.

Measuring Width:
Use the **Width** tool to measure the distance along the ground to easily measure the width of a building or object, or accurately measure the distance between two objects along the ground.

MEASURE PITCH

The **Line** tool allows you to measure the length and slope of a structure from an oblique photo. Use the **Polygon** Tool if you want to measure other parts of the structure from an oblique photo.

Handy tips:
- Zoom in as much as possible and take your time for best results.
- Always draw along the edge of the structure you want to measure.
- Switch to the primary view to check line placement and orientation if you are not sure.
- You can also choose another photo from a different direction from the dropdown list.

3D VIEWER & 3D EXPORT

EXPLORE IN 3D VIEWER

View 3D content by selecting **3D** from the **Base Layer** picker. This is also referred to as 3D Viewer.

Navigating with a mouse:
- Pan images with the left mouse button
- Tilt and rotate images with the right mouse button
- Zoom in to images with the scroll wheel

Navigating on a laptop:
- Pan images using any part of the touchpad with one finger
- Tilt and rotate images by holding the 'Alt' key (Windows) or the 'Option' key (Mac) and using one finger on any part of the touchpad
- Zoom into images by sliding two fingers up and down the touchpad

MEASURE IN 3D SPACE

Measuring in 3D Viewer is super intuitive — simply select **Marker**, **Line** or **Polygon** from the tool bar.

Marker:
Elevation value relative to mean sea level can be displayed in the unit of choice selected from the dropdown.

Line Tool:
When you access the **Line** tool you will see a disk that aligns to the surface it is on to measure line length, pitch and relative height. Double-click to end the line.

Polygon Tool:
Use the **Polygon** tool to measure the area, perimeter and pitch of a surface in 3D Viewer. Draw out a polygon by single-clicking on each desired vertex.

EXPORT 3D CONTENT

Export all Nearmap 3D content types to use inside third-party applications such as Esri ArcGIS Pro and Autodesk Civil 3D and Infraworks.

To export 3D data, click the **Export** tool and select **3D** from the dropdown menu. Draw a polygon around the area you wish to export. Then choose the vintage, the content type(s) and projection options for the export. Exports will only be available in the **Downloads** panel for a maximum of 6 months.

For 3D Export and export credits are required. You also need to have 3D Export permissions, which your account administrator can provide you.

NEARMAP AI

VIEW AI LAYERS

To view AI Layers in MapBrowser, select the attributes you want to visualise. In the **Data Layers**, check the box against the **AI Layers** you want to visualise. Use the colour controls and filter settings in the Inspector panel to adjust the display.

View AI layer attributes by clicking on the object (for example, building, pole, etc). Details of the layer are displayed in a pop-up box. The details displayed depend upon the layer you have selected and your filter settings.

ADVANCED AI VIEWER

With the **Advanced AI Viewer** subscription, you can view AI vector layers on the map and also switch between viewing vector and raster layers.

The AI layers are available for particular dates on Nearmap's Vertical imagery for Australia and the United States. If you navigate beyond either of these areas, a message appears to let you know that you are out of coverage area.

MAPBROWSER CHEAT SHEET

SUBSCRIPTION OPTIONS

- Nearmap Vertical – standard features
- Nearmap Oblique features (add-on)
- Nearmap 3D Viewer & 3D Export features (add-on)
- Nearmap AI features (add-on)
- Nearmap Advanced AI Viewer (add-on)

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For more information visit our Help Centre on help.nearmap.com