


An aerial photograph of a coastal residential area. The top half shows a dense neighborhood of houses with various roof colors (red, grey, white) and swimming pools. A road winds through the houses. The bottom half shows a sandy beach leading to a clear, turquoise ocean. The 'nearmap' logo is in the top right corner.

nearmap

NEARMAP VERTICAL

Our evolving urban landscapes captured from above — updated frequently, delivered instantly.

 JAN 2021 | BUNBURY, WA AU

Nearmap Vertical is our flagship high resolution orthogonal imagery. It provides you with a top-down view of the world, stitched together into a seamless map to allow you to easily pan and zoom around your area of interest. With Nearmap Vertical, you have access to over 100 urban and regional areas across Australia at your fingertips — that is more than 447,000 square kilometres of footprint, updated up to six times a year.

With industry-leading resolution 5.5cm (or 2.2"), you can perform detailed analysis of your work sites, saving you hours in a day from sending crews to site. With image resolution clearer than satellite imagery and coverage greater than those achieved by drones, Nearmap Vertical is an ideal place to get started with remote site inspections.

You can use Nearmap Vertical in MapBrowser or work with it inside popular third-party GIS and CAD platforms. You can also integrate Nearmap Vertical with your own bespoke solutions using our range of APIs. We've reimagined the way geospatial data is processed and delivered, so that you don't have to worry about ongoing storage and processing costs. Just plug and play straight into your workflow and enjoy the benefit of having the latest location data delivered straight to you.

With a proactive coverage program that ensures we capture imagery at a consistent quality and specification, you can have the confidence knowing what's truly on the ground. Paired with other premium content offerings, you can now prospect more efficiently, estimate and quote accurately, and monitor your projects as they evolve over time.

DESIGNED TO PLUG AND PLAY

EXPLORE, MARKUP, AND SHARE WITH MAPBROWSER















MapBrowser is a lightweight web application included with every Nearmap subscription. With the built-in tools, you can easily explore our catalogue of imagery, go back in time to examine change, take accurate measurements, and save your projects. No GIS expertise is required, so you can dive in and start getting important insights right away.

- **Explore:** Every point on our map is dated and timestamped for your confident assessment. Explore our historical imagery archive spanning 14+ years to explore what's changed over time and track your project as it develops.
- **Markup:** Measure line, area, and radius accurately. Create and save site plans with layers, object styling, text notes, and aggregate measurement.
- **Share:** Export high resolution imagery for presentations. Download geo-referenced geospatial data on demand for integration with your favourite GIS and CAD applications.



INTEGRATION PLATFORMS

Nearmap Vertical, Oblique, and 3D content can integrate into these partner platforms:

GIS	 esri Partner Network Gold (ArcGIS Online, ArcGIS Enterprise, ArcGIS Pro, ArcGIS Collector, ArcMap, ArcGIS Survey 123, ArcGIS Web AppBuilder)	Geocortex®	
Design / Visualisation	 esri Partner Network Gold (ArcGIS Urban)		 AUTODESK. (Civil 3D, AutoCAD Map 3D, InfraWorks, Revit)
			
Asset Management		 Cityworks Empowering GIS	 TREEPLOTTER™ software suite
			
Others			

Our standard coverage program surveys 100 urban and regional areas spanning 446,700km² annually, capturing where 90% of Australia's population lives.

Technical Specs

Update frequency	Updated up to 6 times a year
Ground Sampling Distance (GSD)*	5.5 cm - 7.5 cm (2.2"-3")
Absolute Horizontal Accuracy**	19.8 cm - 25.5 cm (7.8"-10.1") RMSE (radial)
Horizontal Measurement Precision	7.5 cm - 15 cm (3"-6") within one photo
Image Datum/Projection	<ul style="list-style-type: none"> • WGS84/Spherical Mercator • WGS84/UTM • GDA94/MGA - AU • GDA2020/MGA- AU • NAD83/UTM - US/CA • NAD83/SPCS- US/CA
Image bands	RGB natural colour

*The ground sampling distance (GSD) is the distance between two consecutive pixel centres measured on the ground. The bigger the value of the GSD, the lower the spatial resolution of the image and the less visible the details.

**Absolute Horizontal Accuracy is calculated as the root mean square of the radial distance error (RMSEr) and is measured in centimetres or inches. Absolute Vertical Accuracy is calculated as the root mean square of the vertical error (RMSEz) and is measured in centimetres or inches.



ABOUT US

Nearmap is a pioneering technology and innovation company whose cloud-based geospatial information services and aerial surveys provide certainty to an ever-changing world. We promise our customers the truth in the detail of the world we live in, offering instant access to high resolution aerial imagery, city-scale 3D datasets, and integrated geospatial tools. Nearmap frequently updates this high-volume data with industry-disrupting efficiency — made possible by our patented camera sensors and the most advanced imagery processing pipelines in the world. Esri named Nearmap “Best New Content Provider” in 2017 and an Esri Gold Partner in 2019. In March 2020, Fast Company named Nearmap one of the World’s 10 Most Innovative Enterprise Companies.

www.nearmap.com