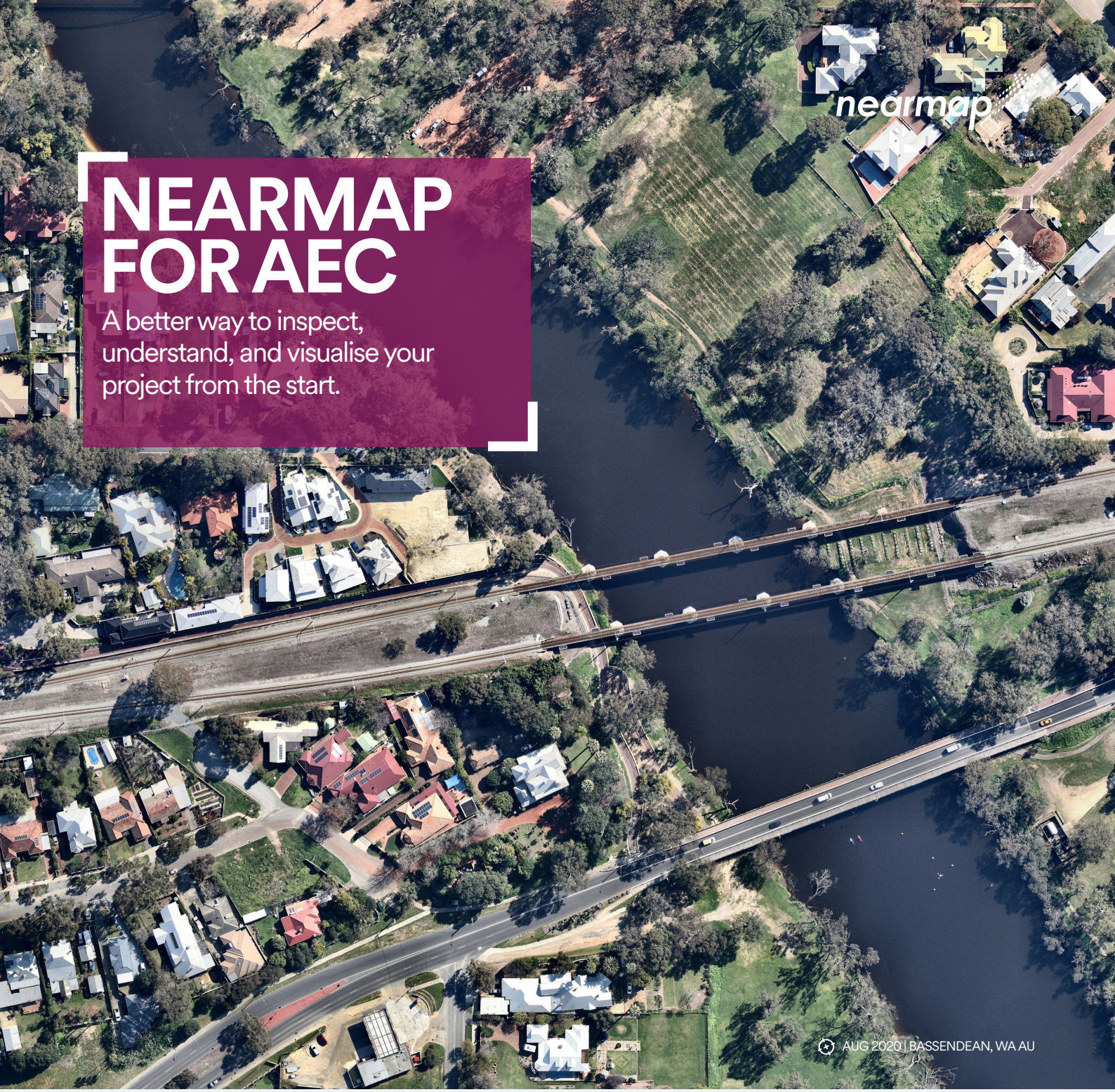


NEARMAP FOR AEC

A better way to inspect, understand, and visualise your project from the start.

Our cities are constantly evolving. Whether it's designing a new school for a city or township, developing residential buildings, expanding highways, or preparing for an infrastructure upgrade, new structures are being designed and built every day to create smarter, more sustainable cities. It's a monumental task, especially with explosive population growth across many urban areas. In the last decade alone, a flurry of construction activities rippled across Australia, which is unlikely to slow down anytime soon.

A typical construction project requires cooperation and collaboration from numerous stakeholders, whether individual or collective in nature. Some major initiatives, such as an infrastructure upgrade, may have more than a hundred entities working together to move the project forward and take ownership for the design, construction, or even solicitation of public approvals. Each individual or group needs access to a common operating picture that they can rely on if the project is to be executed successfully.

Nearmap provides a way for project stakeholders to stay connected and informed throughout the project lifecycle. For instance, Nearmap is used for a range of activities, including:

- Feasibility studies
- Remote field assessment
- Concept development
- 3D visualisation
- Project estimation and proposal
- Construction document and reports
- Project logistics and site planning
- Stakeholder communication

AEC professionals rely on Nearmap to make critical decisions throughout their project lifecycle

Being able to clarify through visual confirmation what really exists on the ground is a key factor in why many AEC professionals rely on and choose Nearmap to support their project objectives. Whether it's measuring and inspecting project sites, identifying potential risks and hazards in the construction areas, or being better informed on design decisions without ever leaving the office, Nearmap offers real world solutions. Our comprehensive catalogue of recent and historic location content drives project efficiency by reducing unnecessary site visits in the early stages of the project lifecycle. How is the real world brought to you?

JUN 2020 | WELSHPOOL, WA AU

Proactively updated location content

Nearmap captures large urban areas up to six times a year, so you always have up-to-date aerial imagery at your fingertips, dated and timestamped. With more than a decade of imagery in most coverage areas, AEC professionals can gain a deeper understanding of any location to validate, verify, and generate insights more efficiently and effectively.

Quick and consistent delivery

Nearmap uses automation and scalable image processing to ensure the freshest imagery is streamed to your workflows within days of capture. This unrivalled speed of delivery ensures you are working with the most relevant and accurate source of truth. No more guessing with free satellite imagery, wondering when the location was captured.

Nationwide Coverage

Nearmap has an extensive capture program that covers 90.5% of Australia's population, including 118 urban areas, with more than 127,653 unique square kilometres captured annually.

Insanely easy to adopt

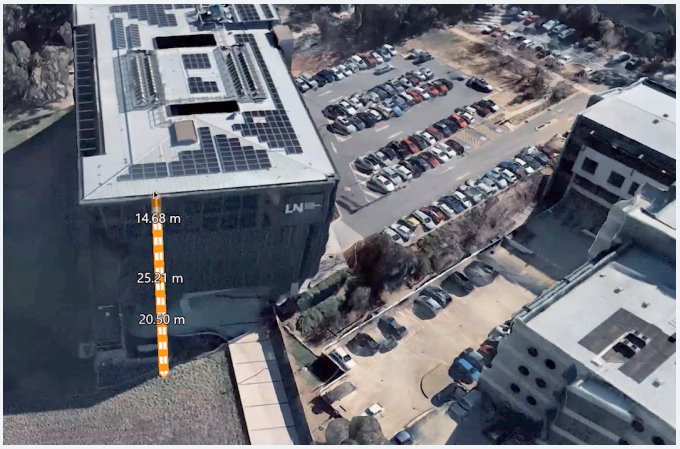
A Nearmap account can be set up in a matter of minutes, with no additional software required. Instantly access Nearmap's high resolution aerial imagery on any connected device via our web platform, MapBrowser, or through supported APIs. Easily view, measure, and export Vertical, Oblique, and 3D content wherever you are. Explore and export content on demand and import into your GIS or CAD application of choice.

Seamless Integration

Nearmap location content can be easily integrated with third-party software, including leading GIS, design and visualisation platforms such as Esri, Autodesk, and Bentley Systems. You can also seamlessly view Nearmap in the ArcGIS suite, including ArcGIS Online, ArcGIS Enterprise, and ArcGIS Pro.

esri
AUTODESK.
Bentley Advancing Infrastructure
webuild
GRAPHISOFT Archicad
AUTODESK AUTOCAD
AUTODESK INFRAWORKS
AUTODESK REVIT
AUTODESK AUTOCAD
Skyline

NEARMAP AEC USE CASES

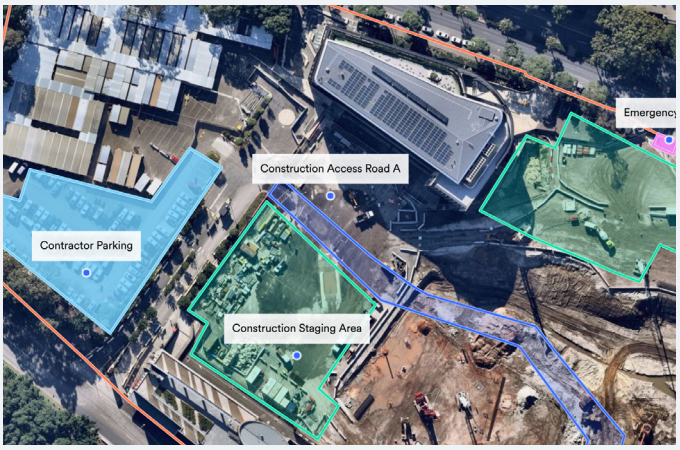


Feasibility Study

Access to project sites is not always possible in the early stages of the project. Conduct remote field assessments with Nearmap to scope out the project and prepare compelling proposals to win jobs. Consider all aspects of the proposed site to determine the viability of the project before taking on any significant expense.

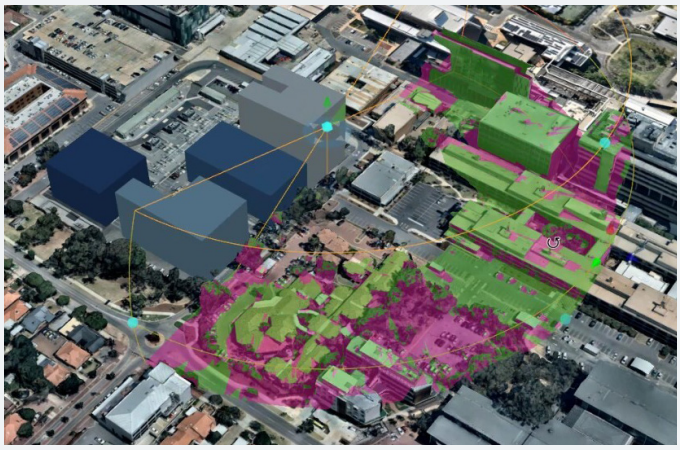
Concept Development and Scenario Modelling

Aerial imagery is a backdrop to the Architecture and Engineering designs inside popular GIS, design, and visualisation platforms such as Autodesk, Esri, and Bentley Systems. Construction engineers may also use aerial imagery to prepare for a construction site — such as determining the logistics and assembly of heavy equipment and cranes.



Site & Logistical Planning

Construction projects often take months or years to complete. Nearmap location content can be used to plan and execute the control of procurement, transport, and stationing of workers and materials in the different phases of the construction to reduce disruption to the local community and surrounding businesses.



Community Engagement

AEC professionals have to continuously engage with the local community and other stakeholders throughout the project lifecycle to minimise miscommunication and risks — such as traffic rerouting and service disruptions that impact the local community.

WHAT OUR CUSTOMERS SAY

"Nearmap provides instant insight into the limitations impacting a property, such as land size and gradient, and enables us to immediately provide customers with an accurate assessment of development potential, minimising costly, time-consuming site visits, and ensuring our clients maximise their investment returns while avoiding low percentage projects."

— Simon Smith,Director, Absolute Building Consultancy

NEARMAP PRODUCT SPECIFICATIONS

Nearmap is a subscription-based service with flexible options tailored to suit your needs. A Nearmap subscription means your users will always be able to work with the most current imagery.

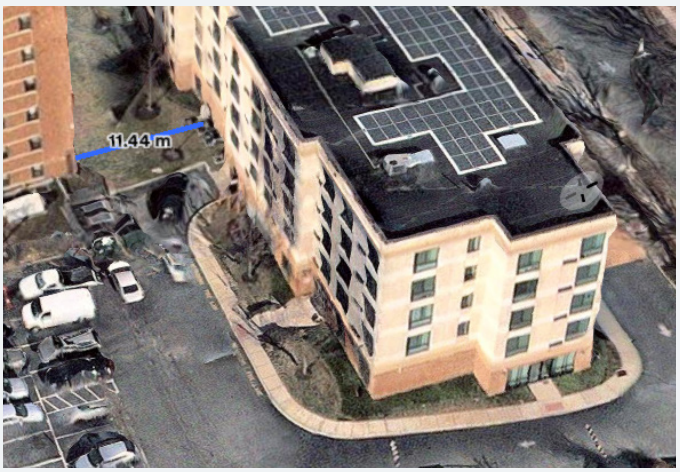
In aerial mapping applications, the Ground Sampling Distance (GSD) represents the distance, measured on the ground, between the centres of two adjacent pixels of a digital image. An image with 5cm/pixel GSD means the locations of two consecutive pixels are 5cm apart on the ground.

Nearmap Vertical

- GSD: 5.6 - 7.5 cm
- High resolution top-down imagery
- Measure length, area, or radius on MapBrowser

Nearmap Oblique

- GSD: 7.6 cm
- Multi-perspective aerial view at a 45-degree angle
- View four directional aspects with a gallery of individual source images



Nearmap 3D

- 360-degree, immersive view of 3D textured mesh in 3D Viewer
- Pan & zoom, and measure height, length, pitch, area, and elevation (RL values)
- On-demand export of 3D content: textured mesh, DSM, true ortho, point cloud and DTM

Nearmap AI

- View AI Layers in MapBrowser to help you identify objects and other location attributes
- On-demand export and APIs for easy third-party integration
- Growing list of AI Packs: solar panels, vegetation, building characteristics, surfaces, and more

WHAT OUR CUSTOMERS SAY

"We have not had to change the operating environment to support Nearmap. There have been other software and systems that we've needed to ensure staff can access, but not this product. So, from a business infrastructure viewpoint, this aspect of Nearmap has been really helpful."

— Liz Fulton, Digital Technology Manager (Spatial), Cardno

"Certainly it's utilised most effectively at the front end of the project, you know, at that design stage where we really kind of find contextualised information and present that in ways where we would have struggled otherwise."

— Steve Fox, BIM Manager and Principal, Architectus

ABOUT US

Founded in 2007, Nearmap is leading aerial imagery and geospatial technology provider, delivering content at scale and covering large urban areas throughout Australia, the United States, New Zealand, and Canada.

Nearmap is one of Fast Company's 10 Most Innovative Companies of 2020 and is a Sydney-headquartered technology pioneer listed on the ASX 200. Combining patented plane-mounted camera systems, a world-class survey operations capability, and an automated photogrammetry pipeline to provide imagery within days of capture, Nearmap provides quality at scale — covering large urban areas to empower businesses to perform virtual site visits and make critical business decisions without leaving the office.

nearmap

www.nearmap.com/AEC

FEB 2020 | PERTH, WA AU