

Spending weeks modelling when
you'd rather focus on design?

We can help!



Geocirrus 3D

Quality survey-grade 3D models
powered by Woolpert



About Geocirrus:

Geocirrus 3D building models are three-dimensional, spatially accurate representations of buildings.

Whether you're a developer, architect, or urban planner, you need accurate 3D building models for feasibility studies, concept design, and development application (DA) preparation.

A long-standing industry leader in the Asia-Pacific, Woolpert is a leading provider of geospatial information and professional services. Geocirrus is built on over 60 years of Woolpert's experience and innovation in surveying, mapping, and the production and implementation of geographic information systems (GIS). Woolpert clients in various industries use high-quality Geocirrus content. From local government to major architectural firms, Geocirrus 3D models serve as a single point of truth for some of the most significant projects in the region.



How Architects and Urban Designers benefit from Geocirrus

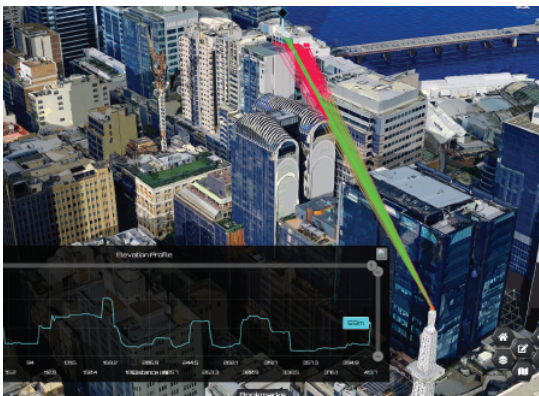
Simplify project cycle and pick what's right for you:

Geocirrus 3D is available in either mesh models or individual buildings, modelled as separate CAD objects. In the latter, existing blocks can be taken out quickly and easily to integrate your design into the environment.



Determine reduced levels, conduct shadow analysis, sunlight studies and skyview factors:

Precision counts in contextual analysis, especially when seeking council approval. A few millimetres can make a big difference. Geocirrus models are built to exacting standards, assured by rigorous quality management processes.

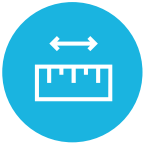


Visualise your design in stunningly detailed context:

Digital Terrain Models (DTM) are produced and provided for your Area of Interest (A.O.I.). Detailed topography and landscapes bring your design to life. As textured Geocirrus models are built from nadir and oblique imagery, finer details look realistic even when zooming in or viewed from an angle.



Why choose Geocirrus 3D models



Accuracy



**Variety of formats
& locations**



Flexible pricing



Flexible licensing



Time efficiency

Accuracy

Geocirrus 3D building models are a purpose-fit spatially accurate representation of your site. 3D models are built on a comprehensive geospatial analysis of your area of interest.

Variety of formats & locations

Geocirrus 3D models can be provide in different levels of detail (LOD1/LOD2/LOD3) as either textured or untextured objects. Most industry formats are supported including 3DS, OBJ, GDB and SLPK formats. Other formats available on request.

All major Australian cities are available along with a growing number of regional areas. Refer to the 'Store' version on our website for up-to-date coverage. Don't see your area required? Contact us for on-demand capture options.

Flexible pricing

Only pay for what you need, with the ability to purchase an entire city or just a few blocks. Our models can also be property aligned (cut to the cadastre) if required. Other customisations available on request to ensure the models meet your needs.

Flexible licensing

Need resources for a one off project? Models available on perpetual licenses, or subscription based if regular updates are required for ongoing projects.

Time efficiency

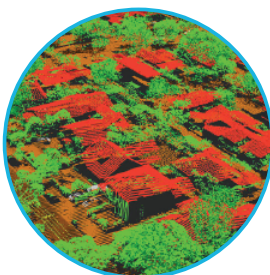
Geocirrus 3D models save architects time by eliminating the need to digitise the models themselves. This allows you to focus more on the essential aspects of design and the creative process.

Need us to capture something different?

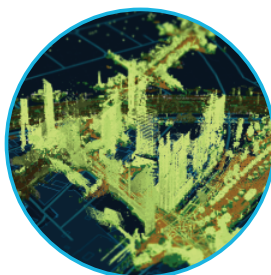
The range and locations of Geocirrus content is extensive and always growing. We regularly capture and process geospatial data to ensure our aerial imagery, LiDAR data, 3D Photomesh and building models reflect changes in real-world environments:



Ortho Imagery



Airborne LiDAR



Point cloud



3D Photomesh



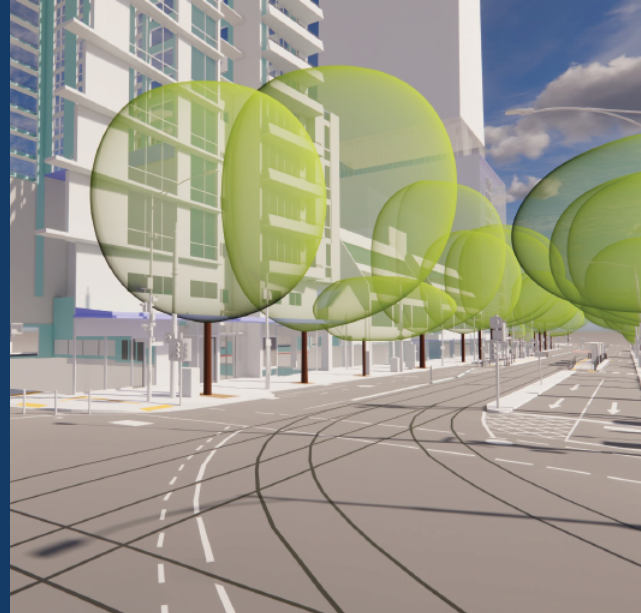
Oblique Imagery

Need even more detail?

TLS and 3D models of Melbourne CBD block

This project is one of a series completed by Woolpert throughout Australia for our client, Architectus.

We deployed our specialist land survey team to undertake Terrestrial Laser Scanning of a Melbourne CBD block to assist with a major property development. This valuable geospatial data provided a higher level of detail at street level, which complemented larger scale Geocirrus building models.

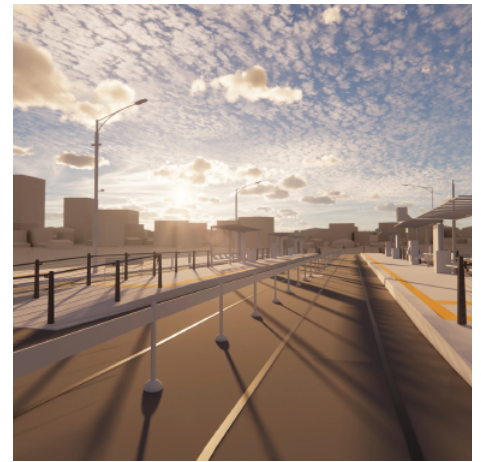
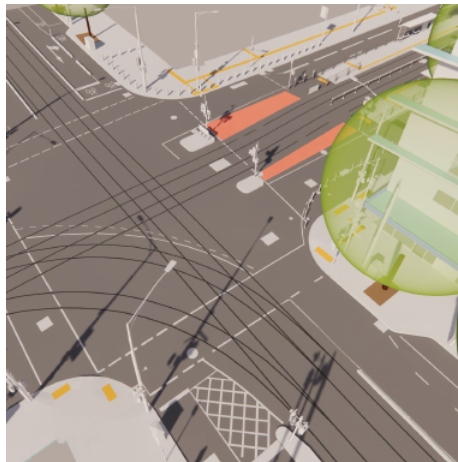


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Very happy with the accurate, detailed and functional 3D Building Models we sourced from Woolpert Geocirrus. Our software was readily compatible with the formats provided by Woolpert

-Karolin Hughes, Senior BIM Lead
Architectus

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Industry leaders using Geocirrus 3D models

architectus BATESSMART™ fjmtstudio