



Geoscape is a single, comprehensive suite of digital datasets representing Australia’s built environment. With complete high-resolution satellite imagery, Geoscape delivers an enhanced understanding of what exists at every address across Australia, including details of land cover, trees, solar panels and swimming pools.

Geoscape includes national coverage of over 15 million building footprints with 2D roof outlines as well as 3D building footprints and heights in GIS-ready format for 3D modelling. It also offers full national surface cover within urban areas and pixel representation of tree coverage.

Partner



Product Features & Benefits

Features

2D Buildings

3D Buildings

Surface Cover and trees

Benefits

Simulates land use planning

Evaluates development proposals

Delivers real-world representations

Sample applications

- ✦ Planning – Model urban and rural lifestyle; improve client service; locate buildings; and, plan and develop efficiently
- ✦ Land use planning and management – Revolutionise regulatory development and simulate how land use planning decisions will affect the future functioning of a city or town
- ✦ Community protection – Reduce costs and develop noise models to identify areas that would be affected by a proposed development
- ✦ Profiling – Leveraging foundational data to provide analytical capabilities for scenario modelling

Formats

- ✦ **Building Footprints:** Esri FGDB, Esri SHP and other formats available on request
- ✦ **Surface Cover and Trees:** Mosaic Geodatabase, Raster imagery, TIFF

Complementary data products

- ✦ Foundation Map – accurate, high quality digital base map
- ✦ Human movement data
- ✦ PSMA datasets: GNAF Address, CadLite Cadastre, Administrative Boundaries and Postcodes



For more information on our data packages please call +612 8436 2800 or [contact](#) a data specialist