



# AW3D Building

Global 3D Vector GeoData

NTT DATA



Location: Minato-ku, Tokyo  
AW3D Building + AW3D 40cm Ortho

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AW3D Building vector data series is one of the most scalable, affordable, consistent, and project management friendly vector geodata products in the market. This 3D vector data are derived from Maxar's 110 PB of archived satellite imagery, which is growing 80 TB per day every day.

Our unique vegetation and bridges (overpasses) data are optimal for various simulations including 5G network planning and environmental research. Texture options for building is available for visual simulation and truism/entertainment usage.

Getting up-to-date 3D building data or renewing existing city/urban data couldn't be easier with our AW3D building 3D products.





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AW3D Building with Texture + AW3D Ortho Image (Tokyo)



Buildings, Vegetation, and Bridges Vector Data (Boston, MA)

Thanks to its worldwide coverage, consistency, high quality, cost-effectiveness, short turnaround time, extensive/flexible customization and superior user support, AW3D product family has been chosen as the world's best satellite-based geodata.

AW3D has been used in 130+ countries and in more than 2,000 projects, helping to meet needs for AEC projects, telecom (5G) network planning, environmental research, and security/intelligence communities.

Off-the-shelf archive data are available in more than 50 countries (e.g. 90% of population coverage in Japan islands). Please contact our sales representative for feasibility study, sample request, and any other inquiries.



[www.aw3d.jp/en](http://www.aw3d.jp/en)

## Specification

Product Type	AW3D 3D Building AW3D 3D Bridges AW3D 3D Vegetation	Building data: LOD -1 ( 2.5 D )
Coverage	Worldwide ( off-the-self + on-demand )	Feasibility Study is required before order
Data Type	Vector ( 2D footprint + height attribute )	2D footprint + height + thickness attribute for Bridges
File Format	Esri Shape ( *.SHP )	KML + COLLADA ( *.DAE ) for building w/ texture MapInfo TAB format ( option )
Horizontal Accuracy	2m RMSE	Global average, local deviations occur
Vertical Accuracy	1m – 2m RMSE	Global average, local deviations occur
Supported CRSs	Geographic ( Lat/Long ) Universal Transverse Mercator ( UTM )	
Minimum Order Size	25+ km <sup>2</sup> per area	Minimum AOI width: 2 km or wider
Options	Rooftop & Wall Texture of the building Ortho - image (30cm – 50cm)	New tasking is available per request
Delivery Method	Online download ( web/FTP )	



**NTT DATA**

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