



Versatile Geospatial Data from Satellites

NTT DATA



Global Coverage
High-Resolution
Customizable

AW3D

product lineup

AW3D Standard	AW3D Enhanced	AW3D 3D Building	AW3D Ortho	Telecom / Airport
DSM: Digital Surface Model DTM: Digital Terrain Model Resolution: 5m or 2.5m Global Coverage (Off-the-shelf) Rapid delivery & Affordable	DSM: Digital Surface Model DTM: Digital Terrain Model Resolution: 2m, 1m or 0.5m Global Coverage (On Demand) Best-in-class accuracy	2D footprint + Height Vector data format Global Coverage (On Demand) w/ Texture (optional)	Satellite Imageries Resolution: 2.5m, 50cm, 40cm, 30cm Multi-band (NIR, SWIR) New tasking support	App. specific data-set DHM, DLU, etc. Best for 5G simulation eTOD / ICAO support

The best source to understand the target geography

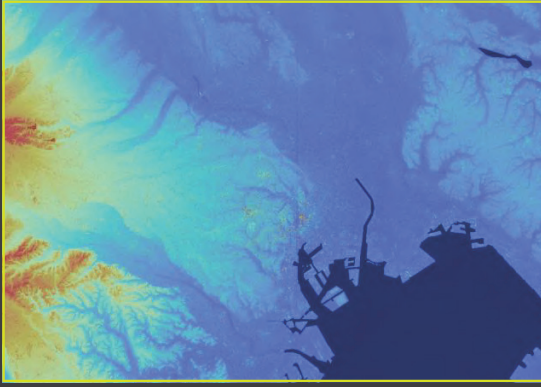
AW3D product family is a set of world-wide geospatial data derived from artificial satellite imageries. They give you cost effective GIS-ready comprehensive data in diverse industrial standard formats, including GeoTIFF, Esri Shape, and DWG/DXF. We accept a small order size (down to 25 km² for most products), and support various customization such as GCP correction, specifying the date range of the source vintage imageries, etc.

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Visit <http://aw3d.jp/en>
Ask for free samples



AW3D Application Examples



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Construction / City Planning

- Large – medium scale mapping (up to 1 / 2,500 map equivalent)
- Geological survey
- Land development
- Road / railroad planning
- Cadastral information
- Soil volume estimation
- Basin Analysis
- Contour line extraction
- Preliminary survey of remoted areas



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Disaster Management

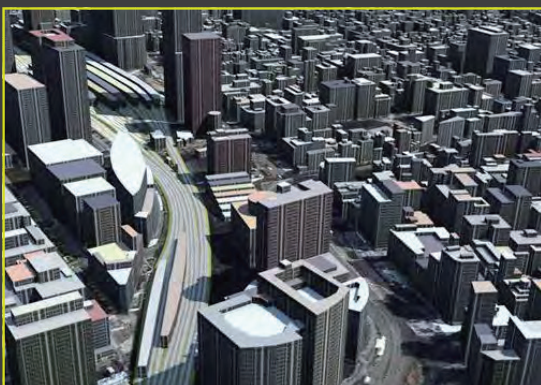
- Flood simulation
- Geohazard risk evaluation (landslide)
- Building collapse evaluation
- Emergency response planning
- Base map update
- Power line route management
- Historical analysis (DEM before a specific date / event)
- Flood Insurance Rate Map
- Coastal Management (sea level rise, coastal inundation)



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Environmental Simulation and Exploration

- Radio network (4G/5G) planning and optimization
- Line-of-sight and Viewshed analysis, Skyline barrier analysis
- Mining exploration site selection
- Solar photovoltaics strategy
- Pipeline ROW route planning and management
- Geothermal facility survey
- Wind turbine simulation for planning
- Population estimation based on building volumes
- Water supply and quality control



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Visualization and more

- Visualizing urban / mountain scenery of any city around the world VR / AR material for promotion
- Air navigation and safety (Flight control, Flight simulation)
- UAV flight planning
- Map system for autonomous cars
- Logistic planning
- Real estate, banking mortgage, and insurance applications
- Recreation planning (ski resort development)
- ICAO / eTOD compliant airport data



AW3D Sales Team:
NTT Data Corporation + RESTEC
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