

High-Accuracy High-Resolution Customizable

AW3D[®]

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 GIS-ready comprehensive data in diverse industrial standard formats, including GeoTIFF, Esri Shape, and DWG/DXF. We accept a small order size (starting from 25 km² for most products), and support various customization such as GCP correction, specifying the date range of the source vintage imageries, etc.

AUTHORIZED RESELLER



L3HARRIS

Channel Partner

AW3D Standard

DSM: Digital Surface Model
DTM: Digital Terrain Model
Resolution: 5m or 2.5m
Global Coverage
(Off-the-shelf)
Rapid delivery & Affordable

AW3D Enhanced

DSM: Digital Surface Model
DTM: Digital Terrain Model
Resolution: 2m, 1m or 0.5m
Global Coverage
(On Demand)
Best-in-class accuracy

AW3D 3D Building

2D footprint + Height
Vector data format
Global Coverage
(On Demand)
w/ Texture (optional)

AW3D Ortho

Satellite Imageries
2.5m, 50cm, 40cm, 30cm
New tasking support

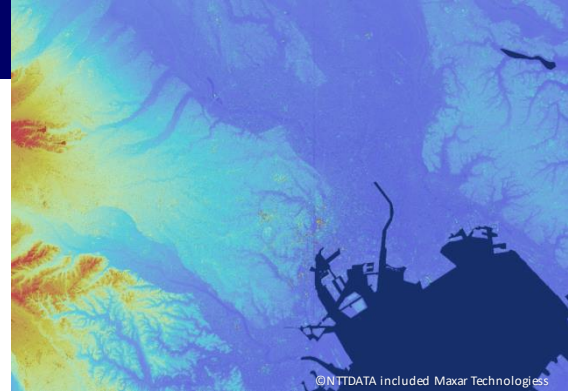
Telecom / Airport

App. specific data-set
DHM, DLU, etc.
Best for 5 G simulation
eTOD / ICAO support

AW3D Application Examples

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



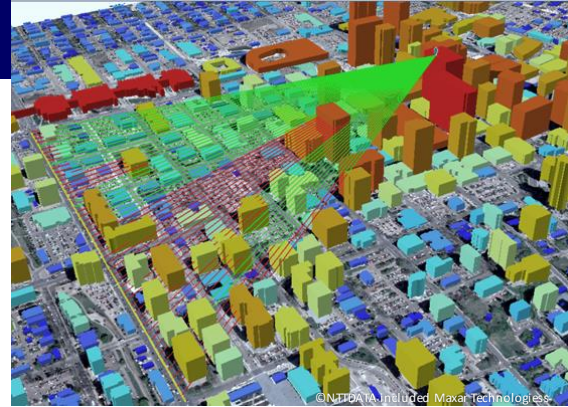
Disaster Management

- 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)



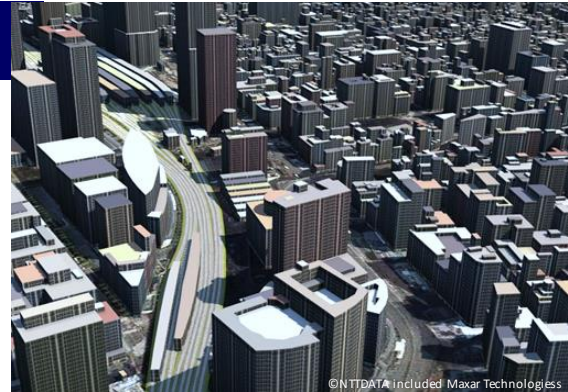
Environmental Simulation and Exploration

- Radio network (4G/5G) planning and optimization
- Line-of-sight and Viewshed analysis
- Skyline 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



Visualization and more

- Visualizing urban / mountain scenery of any city around the world
- VR / AR material for promotion
- UAV flight planning
- Map system for autonomous cars
- Logistic planning
- Flight control
- Flight simulation
- ICAO / eTOD compliant airport data



Please contact a trusted local reseller for more details:

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