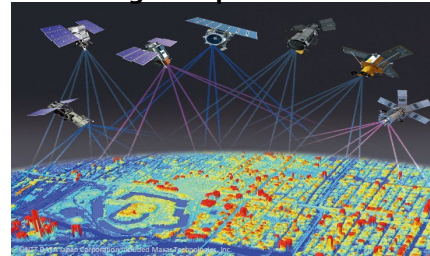


AW3D® Advanced World 3D Map

- AW3D is a digital 3D map generated through the combination of high-performance satellite constellations and state-of-the-art image processing technology.
- Digitally revolutionizing the world with unparalleled realism, enabling a wide range of simulations, data extractions, and site monitoring.
- Utilized in over 4,000 projects across 130 countries, spanning a wide range of use cases such as disaster prevention, resource management, urban planning, and telecommunications.

Company Name	NTT DATA Japan Corporation
Service Overview	<p>AW3D is the world's first digital 3D map to accurately depict the elevation of all land on Earth at a 5-meter resolution.</p> <p>In urban areas, we offer 3D data with a resolution of up to 0.5 meters. Additionally, we can provide valuable insights extracted from features using advanced technologies like AI.</p> <p>We accurately capture detailed elevations, such as the elevations of individual buildings, offering exceptional speed and cost-effectiveness compared to the traditional 3D mapping methods that relied on aerial photography.</p> <p>AW3D's applications include resource development, infrastructure construction, VR content creation, and more, continually opening up new possibilities for diverse projects.</p>
Users	<ul style="list-style-type: none"> • Public sectors: central government and local municipalities • Private sectors: telecommunications, power, mapping, and automotive
Satellite	<ul style="list-style-type: none"> • MAXAR/WorldView satellites • JAXA/ALOS satellite, etc.
URL	https://www.aw3d.jp/en/

Multi-view Analysis Using Multiple Satellites



0.5m resolution image



AW3D
Advanced World 3D Map

To digitally transform the world with unparalleled realism, generating innovative geospatial insights that tackle challenges once deemed unsolvable.

[Use Cases]

5G Network Planning

Wireless network design with minimal error

Autonomous Vehicle Mapping

Autonomous extraction of road signs using AI technology

Disaster Prevention

Base map for disaster prevention and disaster response

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