

May 28th, 2024

Welcome to the latest edition of the AW3D newsletter.

We are excited to bring you the latest updates, valuable insights, and resources for geo-information professionals.

Thanks for reading,

-AW3D team

Featured Topic 1: Maxar Successfully Launched WorldView Legion Satellites!

Maxar, our partner for AW3D, achieved a major milestone in space technology with the launch of the first two WorldView Legion satellites on May 2, 2024. These are the first of the six planned for the WorldView Legion constellation. This launch marks a significant leap forward in Earth observation capabilities.

State-of-the-Art Technology for Unprecedented Views

WorldView Legion boasts an impressive spatial resolution of 30 cm, which will revolutionize remote sensing and Earth observation. This exceptional resolution allows for capturing highly detailed images of the Earth's surface, enabling us to see features with incredible clarity.

Mission Success: Launch and Beyond

The successful deployment of the satellites' solar and establishment of seamless communications with the ground station further solidifies the mission's success. We are looking forward to seeing the first images captured by WorldView Legion.

Maxar's investment in this next-generation satellite constellation aims to enhance the frequency and observation coverage, providing customers with unparalleled access to accurate and high-quality [AW3D Enhanced DSM/DTM](#) and other products such as [AW3D Building \(3D Vector\)](#), [AW3D Ortho](#) and [AW3D Telecom Dataset](#), etc. This expansion is poised to elevate the standards of geospatial information services, empowering industries and organizations worldwide.

Stay tuned for more updates on the groundbreaking contributions of Maxar's WorldView Legion satellites on AW3D products!

Featured Topic 2: GEOINT2024 Recap: Transformative Trends in Geospatial Technology

The recent [GEOINT2024](#) in Kissimmee, Florida, USA (May 5-8, 2024) brought together global thought leaders, and industry pioneers in geospatial technology. This year's event marked a significant return for a team from AW3D, who participated for the first time in a decade.

A key takeaway from the conference was the undeniable dominance of cloud-based platform services and Artificial Intelligence (AI) in the future of the industry. AW3D is at the forefront of this transformation with a strong commitment to leveraging AI and platform services to enhance its technology offerings.

A prime example is AW3D's suite of Enhanced DEM and Building (3D Vector) products. These products combine high-resolution imagery from Maxar with cutting-edge AW3D technology. By leveraging an extensive image archive exceeding 125PB, AW3D's products deliver DEMs with unparalleled accuracy.

The integration of machine learning algorithms revolutionizes the speed and precision of data generation. This innovative approach, coupled with seamless access to Maxar's vast imagery repository, enables AW3D to generate comprehensive buildings for urban mapping.



Image: Building footprint extraction with machine learning technology

Reflecting on insights gleaned from GEOINT2024, it's clear that the synergy between AI, platform services, and geospatial technology will reshape our world. AW3D remains committed to being a leader in this exciting transformation.

Featured Topic 3: AW3D Team at 39th Space Symposium



The AW3D team from NTT DATA Japan Corporation was thrilled to participate in the 39th Space Symposium, which was held from April 8-11 in Colorado Springs, USA. We were excited to be back at this space industry event and connect with a wide range of visitors and partners.

We presented our innovative products and solutions at the symposium, which generated significant interest from attendees. We were delighted to share our latest advancements and discuss how AW3D can contribute to the future of space exploration. We are excited about returning to the Space Symposium next year and building on the momentum gained at this year's event.

Any questions, comments, or suggestions are always welcome. We can be reached via [here](#).

Thanks for tuning in,
The AW3D sales team



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