

March 15, 2019

Hello everyone,

This month's feature is mobile telecommunication.

AW3D team has been working with various mobile network operators to support their network planning.

Please check out our latest product "AW3D Telecom for 5G" and our upcoming event.

Hope you enjoy it.

- AW3D sales team

3D Map of the Month - Q: Name this area (Tokyo, Japan)

Hint: It is famous for a new fish market opened in late 2018.

(Please find the answer at the bottom of this message)



Note: this AW3D model contains more than 11,000 polygons of buildings and rooftop structures. Everything including the textures of building sidewalls was generated solely from satellite data.

Feature Topic: 5G

As everyone knows, 5G, just like existing 4G (LTE), is a name of the cellular mobile communication standard. Because of its faster speeds (x10 than LTE), lower latency (x10), and extremely reliable connections it's expected to bring revolutions on numerous industries such as health care, transportation, infrastructures, and of course IoT.

Commercial 5G services via fixed wireless access networks launched in the USA in 2018 and will begin operating in Japan, South Korea, the UK and Australia in 2019. Accurate 3D models are crucial for designing 5G networks, which may use millimeter-spectrum waves that are highly sensitive to interference from natural and manmade objects.

AW3D team has been working with various mobile network operators and their supporting companies to help their 5G rollout initiatives.

Product of the Month: AW3D Telecom for 5G

Our latest product, called “AW3D Telecom for 5G” was just launched in February 21, 2019! This is an advanced 3D digital map package that leverages high-quality satellite imagery for the planning of fifth-generation (5G) wireless networks, effective immediately.

The new solution incorporates our multi-view technology, which uses more than 10 images to calculate the elevation for each point and an advanced machine-learning algorithm supported by artificial intelligence (AI) for image processing. It enables the capture of detailed objects, such as structures on building roofs and individual trees on streets, to build advanced datasets for highly precise 5G planning. Please check out this latest product on :

https://www.aw3d.jp/en/wp-content/uploads/sites/2/2019/02/telecom_5G-datasheet_20190221_3_HP.pdf

AW3D will be at Geospatial World Forum 2019!

AW3D Team will be at [Geospatial World Forum 2019](#).

If you are going to be there, please visit our booth to find out more about our products.

- Date: 2-4 April 2019
- Venue: Taets Art and Event Park, Amsterdam, The Netherlands
- Booth: No.39

3D Map of the Month

(refer the image at the top of the page)

A: Toyosu - this area is on a relatively new reclaimed land, which was originally filled with rubbles from the Great Kanto earthquake (1923).

There are many notable loci in this region, such as very 1st Japanese Seven-Eleven store, Olympic village which is being built for coming summer game (2020), and last but not least where AW3D technical team is located!

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