Dewa, Eutelsat join hands to develop Space-D programme

Move to enhance authority's assets and nanosatellite

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Dubai Electricity and Water Authority (Dewa) has signed an MoU with Eutelsat, the French global satellite operator, to provide technical support for Dewa's Space-D programme and Dewa's 3U nanosatellite DEWA-SAT1. This will help develop nanosatellite Internet of Things (IoT) terminals and enhance connectivity between Dewa's assets and its nanosatellite.

The cooperation aims to explore the potential integration of Eutelsat Earth Low Orbit (ELO) satellites with the Space-D programme and expand the fleet of nanosatellites for both parties.

Advancing the utility sector

The two parties will design, develop and implement the first use-case at Dewa's Research & Development (R&D) Centre that combines using IoT sensors and Eutelsat ELO satellites and develop use-cases for advancing the utility sector worldwide.

Saeed Mohammad Al Tayer, MD and CEO of Dewa, said that Dewa's Space-D programme has contributed to promoting the resilience and agility of Dewa in managing and monitoring electricity and water networks, since its launch by His Highness Shaikh Mohammad Bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai, in January 2021.

The programme also helps to reduce costs, improve its asset utilisation and management, and support its network proactively. Dewa was the world's first utility to use nanosatellites to enhance the maintenance and planning of electricity and water networks.

The programme also aims to train Emirati professionals to develop a constellation of nanosatellites to serve the Dewa business and the global utility market.