

OQ Technology and LUXUAV Partner to Advance 5G NTN Satellite Connectivity for UAV and Defense Applications

Luxembourg, 06 May 2026 – OQ Technology, a global pioneer in satellite 5G Non-Terrestrial Network (NTN) and Direct-to-Device (D2D) connectivity using S- & C-bands spectrum, has signed a Memorandum of Understanding (MoU) with LUXUAV to explore joint business opportunities in satellite-enabled UAV, defense, and High-Altitude Platform System (HAPS) applications.

The partnership establishes a framework for collaboration in the rapidly evolving field of Non-Terrestrial Network communications, focusing on integrating satellite connectivity into advanced aerial platforms for mission-critical and tactical applications.

Driving Innovation in UAV and Satellite Connectivity

Under the partnership, OQ Technology and LUXUAV will collaborate on advancing Low Earth Orbit (LEO) 5G NTN satellite connectivity for UAV and HAPS platforms through joint technology development, operational validation, customer field demonstrations, and the exploration of mission-critical, governmental, and sovereignty-oriented applications.

This partnership highlights the growing importance of hybrid connectivity solutions that combine terrestrial and satellite networks to ensure resilient communications in remote, contested, or infrastructure-limited environments.

Unlocking New Capabilities for Mission-Critical Communications

“OQ Technology continues to push the boundaries of 5G NTN and D2D innovation by enabling connectivity where it is needed most,” said Omar Qaise, Founder and CEO of OQ Technology. “Our collaboration with LUXUAV represents an important step toward integrating satellite connectivity into next-generation UAV and aerial systems, unlocking new capabilities for mission-critical operations. With our LEO satellite constellation and S- and C-band spectrum coverage, we are well suited to connect unmanned machines on air, land, and sea”

“Partnering with OQ Technology adds a critical space-based connectivity layer to our airborne communication infrastructure, helping ensure resilient and sovereign communications across aerial and remote operations. This collaboration between two Luxembourg-based companies demonstrates the strength of our national ecosystem in delivering advanced aerospace and connectivity solutions for Europe,” said Nicolas Zharov, CEO of LUXUAV.

A Strategic Step Toward Future-Ready Networks

The collaboration reflects a shared vision to accelerate the adoption of 5G Non-Terrestrial Networks (NTN) as a key enabler for autonomous systems, defense communications, and next-generation aerospace infrastructure.

About OQ Technology

OQ Technology is a Luxembourg-based satellite operator pioneering 5G Non-Terrestrial Network (NTN) connectivity through its direct-to-device (D2D) global satellite network. The company is the first in Europe to operate a LEO constellation dedicated to D2D services, using its 60 MHz of MSS S-band spectrum rights to deliver secure, seamless, and standards-based connectivity to unmodified smartphones and IoT devices.

OQ Technology bridges the gap between terrestrial and space-based mobile networks, enabling real-time, 3GPP-compliant 5G NTN communications for governments, enterprises, and consumers worldwide.

Learn more: www.oqttec.com

About LUXUAV

LUXUAV develops advanced airborne connectivity and monitoring solutions designed to support resilient communications and real-time situational awareness across complex and remote environments. Its aerial platforms and layered communication systems enable reliable data collection, coordination, and connectivity from ground to high-altitude operations, supporting next-generation European aerospace and infrastructure initiatives.

Learn more: www.luxuav.com