



Miratlas Strengthens Its Presence in the Japanese Space and Optical Communications Ecosystem

Pertuis (France), – March 30, 2026

Miratlas is part of the French delegation participating in the mission organized by Business France in Japan and South Korea from March 30 to April 3, 2026. Specializing in atmospheric characterization for optical communications, the company will present its activities and strategic collaborations while reinforcing its visibility within the Japanese ecosystem.

Based in Pertuis, France, Miratlas is a global leader in atmospheric characterization for ground-to-space laser communications. The company addresses one of the key challenges in the sector: ensuring the reliability of direct optical links to Earth. Leveraging its expertise in astronomy, globally deployed “Sky Monitor” measurement systems, and advanced deep learning models, Miratlas deciphers the “language” of the atmosphere and transforms this knowledge into reliable decision-making tools for the deployment of ultra-high-speed optical links. Its solutions serve telecom operators, space industry players, government agencies, and defense stakeholders.

“The future of global connectivity will rely on optical communications. Our mission is to turn a promising technology into a reliable, operational infrastructure at scale,” said Jean-Edouard Communal, co-founder and CEO of Miratlas.

This mission provides an opportunity for Miratlas to reconnect with leading Japanese stakeholders in the space and optical communications sectors. Japan represents a highly advanced and dynamic ecosystem, bringing together major industrial players, cutting-edge research institutions, and innovative technology integrators at the forefront of laser communications. Through this trip, Miratlas aims to strengthen existing relationships, explore new collaboration opportunities, and further consolidate its presence in this strategic market.

The first steps of Miratlas in Japan have been carried out with the support of TOYO Corporation, a Japanese company specialized in advanced technology distribution and system integration. Miratlas will continue to work with TOYO, reinforcing its presence in the Japanese market.

Through these partnerships, Miratlas is actively contributing to the emergence of new communication infrastructures capable of delivering unprecedented data rates and seamlessly connecting Earth and space.

About Miratlas

Founded in 2018 by Jean-Edouard Communal, a laser physics expert, and Frédéric Jabet, a telecommunications specialist, Miratlas is based in Pertuis, France. In 2025, the company expanded internationally by establishing a subsidiary in the United States, Miratlas Inc. The company generates 90% of its revenue internationally and is experiencing strong growth, with over €1.7 million in revenue this year and €4 million cumulatively since its creation. Miratlas is recognized as a Deep Tech company and was a laureate of the French Tech 2030 program.



Miratlas employs 16 team members — PhDs and engineers in instrumentation, optics, and software — developing technology capable of transforming communications between Earth and space. Supported by a €2 million funding round in 2022 with Karista, Expansion, and Région Sud Investissement, the company is accelerating its industrialization.

Miratlas has already deployed more than sixty “Sky Monitors” worldwide. Each unit collects up to 11 million data points per year, feeding a unique database called “Lamark,” hosted in Marseille, France. This database enables precise modeling of global atmospheric conditions (turbulence, clouds, absorption) using machine learning, providing a critical decision-making tool for ground station designers, satellite operators, cloud players, and space agencies.

For more information, visit the company’s website : www.miratlas.com

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About TOYO

TOYO Corporation (Head Office: Tokyo, Japan) contributes to technological innovations as a leading provider of advanced measurement solutions. Through its variety of business segments - Sustainable Energy, Advanced Mobility, ICT (Information and Communication Technologies) and Information Security, EMC (Electromagnetic Compatibility) and Antenna Systems, Defense and Security, Ocean, Software Quality and Productivity, Life Science, and Quantum Solutions, the company is focused on providing solutions to emerging markets such as clean energy and autonomous vehicle development. TOYO also makes significant R&D investments to develop in-house technologies and products, and its growth strategies include investing in new business, conducting M&A, and developing its market presence in global markets. By making available the most advanced market-based solutions, TOYO is at the forefront of helping to shape a safe and environmentally-friendly society and develop industries.

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