



PRESS RELEASE

Miratlas Expands in Japan Through Exclusive Partnership with TOYO Corporation

The strategic agreement will accelerate the deployment of Miratlas' atmospheric characterization solutions for ground-to-space optical communications in Japan. It expands an established partnership that has already resulted in the deployment of Miratlas systems for a leading Japanese organization.

PERTUIS-France, September 29th, 2026, Miratlas, a specialist in atmospheric characterization for ground-to-space laser communications, today announced that it has entered into an exclusive distribution agreement with TOYO Corporation. Under the agreement, TOYO Corporation will market and integrate Miratlas solutions in Japan.

The agreement marks a new milestone in Miratlas' international expansion. Japan is a strategic market for the French company and ranks among the world's most advanced countries in the development of optical communications. Miratlas has traveled to Japan twice in recent months to meet with key stakeholders across the country's space and telecommunications ecosystem.

Japan is home to industrial companies, telecommunications and satellite operators, research institutions, and government agencies involved in developing the next generation of high-speed connectivity infrastructure. The strength and technological expertise of this ecosystem make Japan a particularly important market for Miratlas.

The exclusive distribution agreement formalizes an established collaboration between Miratlas and TOYO Corporation. The partnership has already resulted in the deployment of Miratlas systems for a major Japanese organization to measure and characterize atmospheric conditions.

Turning Atmospheric Data Into Actionable Intelligence

Headquartered in Pertuis in southern France, Miratlas develops atmospheric characterization solutions for ground-to-space laser communications. The company addresses one of the industry's central challenges: ensuring the availability, reliability, and performance of optical links between ground stations and satellites.

The quality of these links is highly dependent on atmospheric conditions, including cloud cover, turbulence, and absorption. By combining expertise in astronomy, optics, and

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SAS au capital de 107 682 €, RCS Avignon, code APE : 7490B, SIREN : 839 239 498, TVA intracom : FR86839239



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telecommunications, Miratlas measures, analyzes, and models these phenomena to transform them into actionable intelligence.

The company relies on a global network of Sky Monitor measurement systems and advanced machine learning models. Data collected by Sky Monitors around the world feed Lamarck, Miratlas' proprietary atmospheric database hosted in Marseille, France.

Miratlas recently opened a new service to its partners: the Data Hub. Through a secure web interface, the platform provides access to eight years of historical data for visualization, analysis, and download. It supports research and the development of new atmospheric data applications, while an advanced API enables seamless integration into simulation, planning, and operational workflows.

These capabilities help users identify optimal locations for optical ground stations, assess link availability before making investment decisions, improve network resilience, and select in real time the stations offering the most favorable atmospheric conditions. Beyond providing access to data, the Data Hub is designed to bring together industry stakeholders, operators, and researchers around a shared strategic resource. Research findings and operational feedback continuously enhance analysis, forecasting, and optimization models while supporting the development of new industry-specific applications.

"The future of global connectivity will rely in large part on optical communications. Our mission is to turn this promising technology into reliable, operational infrastructure that can be deployed at scale," said Jean-Edouard Communal, co-founder of Miratlas.

TOYO Corporation: A Key Partner in Japan

Miratlas' initial expansion into Japan was supported by TOYO Corporation, a Japanese company specializing in advanced technology distribution and systems integration.

Through this exclusive agreement, Miratlas will benefit from TOYO Corporation's commercial presence, technical expertise, and in-depth knowledge of the Japanese market. The partnership will give local organizations greater access to Miratlas' atmospheric measurement systems and Data Hub, as well as the expertise required to integrate and operate them effectively.

About Miratlas

Founded in 2018 by laser physics specialist Jean-Edouard Communal and telecommunications expert Frédéric Jabet, Miratlas is headquartered in Pertuis, France. In 2025, the company expanded its international presence by establishing its U.S. subsidiary, Miratlas Inc.

Miratlas generates more than 95% of its revenue internationally. The fast-growing company has generated more than €1.7 million in revenue this year and €4 million in cumulative revenue since its inception. Recognized as a deep tech company, Miratlas is also a French Tech 2030 awardee.

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The company employs 17 people, including Ph.D.-level experts and engineers specializing in instrumentation, optics, and software development. Backed by a €2 million funding round completed in 2022 with Karista, Expansion, and Région Sud Investissement, Miratlas is now accelerating its industrialization.

Miratlas has deployed more than 60 Sky Monitors worldwide. Each system collects up to 11 million data points annually, enriching Lamarck, the database at the core of the company's Data Hub. Analyzed using machine learning technologies, these data enable precise modeling of atmospheric conditions worldwide—including turbulence, cloud cover, and absorption—and support decision-making by ground station designers, satellite operators, cloud service providers, and space agencies.

Miratlas is currently seeking to raise €20 million in the United States to accelerate its international expansion, advance its industrialization, and, in particular, double the number of systems deployed worldwide.

For more information, visit: www.miratlas.com

About TOYO Corporation

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.

For more information, visit: www.toyo.co.jp/english