

【MIRAIT ONE Corporation】
Participates in Field Trial Aimed at Practical Application of
“Off-grid Power Poles” in the Area of Shiso City, Hyogo
Supporting verification of data utilization leveraging digital technology with
construction technology cultivated in infrastructure work

MIRAIT ONE Corporation (head office: Koto-ku, Tokyo; President and Chief Executive Officer: Toshiki Nakayama; “MIRAIT ONE”) has been participating in the field trial of “off-grid power poles” in the area of Shiso City, Hyogo since June 23. MIRAIT ONE is responsible for installation and maintenance in the field trial, and will verify a variety of methods of use of “off-grid power poles” for the early practical implementation of “off-grid power poles.”

“Off-grid power poles” are next-generation independent power sources not requiring maintenance that are operated using solar sheets and batteries. In addition to installing LED lighting to be utilized as streetlights for areas without power, it is also possible to install cameras and sensors. Furthermore, by linking with digital signage, it is possible to use the signage to communicate collected weather information and disaster prevention alerts in the event of a disaster.

The field trial will be carried out based on an agreement concluded between Shiso City in Hyogo and OSM CO., LTD. in September 2021. MIRAIT ONE participated in the agreement with Futaba Corporation and NIPPON ANTENNA Co., Ltd. on June 23, 2022. MIRAIT ONE will work with OSM CO., LTD., Futaba Corporation and NIPPON ANTENNA Co., Ltd. to conduct the field trial in the field provided by Shiso City based on the agreement. In the field trial, MIRAIT ONE is responsible for installation and maintenance of “off-grid power poles,” and will perform optimization of installation locations, establishment of construction methods, and maintenance.

MIRAIT ONE is promoting initiatives such as “urban development and regional development/ corporate DX and GX business” to create robust and environmentally friendly social infrastructure, and meet companies’ needs for digitalization and becoming greener based on the technical capability cultivated until now in communications infrastructure construction and the electrical facility business. MIRAIT ONE will continue to engage in the resolution of issues faced by customers and society centered on local governments, and regional revitalization.

About MIRAIT ONE Corporation

MIRAIT ONE Corporation was launched on July 1, 2022 through the integration of MIRAIT Holdings Corporation, MIRAIT Corporation, and MIRAIT Technologies Corporation. MIRAIT ONE has established “co-creating an exciting future through challenges and technology” as its purpose (significance of existence), and is engaged in the resolution of issues faced by customers and society and regional revitalization by promoting initiatives such as urban development and regional development, corporate DX and GX, green business and global business based on the technical capability cultivated until now in telecommunications facility construction and the civil engineering business.