

August 17, 2021

MIRAIT Holdings Corporation**[MIRAIT Technologies Corporation]****Commences Provision of Simulated Load Testing Service in Large-scale, High Power Consumption Data Centers on August 17****Realizing cost reduction and simplification of operations for load testing through centralized control and automation of operation**

MIRAIT Technologies Corporation (head office: Nishi-ku, Osaka-shi; President: Yasushi Totake; "MIRAIT Technologies"), which is a Group company of MIRAIT Holdings Corporation, owns simulated load testing equipment (dummy load) used for testing UPS equipment and server room air conditioning equipment in large-scale, high power consumption data centers (hyper-scale data centers) and will commence provision of a simulated load testing service on August 17 to swiftly respond to testing demand.

There has recently been an increase in new construction of hyper-scale data centers for foreign tenants, and it is necessary to conduct simulated load testing to confirm the performance level recommended by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) when they move into the facilities. In the past, the usual practice for this testing has been to install multiple standalone test units and operate each unit individually. For this reason, testing personnel for simultaneously operating many units are required, and their operation is also very complex.

The comprehensive testing system for data centers (dummy load testing system) being provided by MIRAIT Technologies for this service enables centralized control of up to 30 units with a single controller, enabling the bulk operation of units that had previously been operated individually. In addition, the schedule-based automated operation function enables testing for prolonged periods and at night to be carried out by a minimal number of people. Furthermore, operations can also be simplified because these settings can be easily performed on a touch panel. Due to these characteristics, the simulated load testing conducted by MIRAIT Technologies in newly constructed hyper-scale data centers has been able to reduce worker costs by approximately 60% compared to conventional testing, including a reduction by over 80% in test operation.

New data center construction and foreign tenants are expected to increase in future, and we believe the simulated load testing service provided by MIRAIT Technologies will contribute to rapid service provision and cost reduction for companies planning to conduct tests when building new data centers and installing equipment there.

MIRAIT Corporation (head office: Koto-ku, Tokyo; President: Toshiki Nakayama; "MIRAIT"), which is a Group company of MIRAIT Holdings Corporation, will also provide the service with the cooperation of MIRAIT Technologies.