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MIRAIT Holdings Corporation

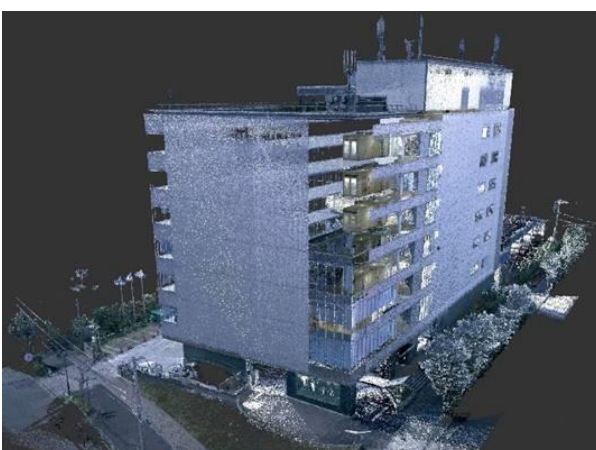
[MIRAIT Corporation]
Provision of Point Cloud Data Acquisition Service
Commences on February 24
Toward the realization of digital twins

MIRAIT Corporation (head office: Koto-ku, Tokyo; President: Toshiki Nakayama; “MIRAIT”), which is a Group company of MIRAIT Holdings Corporation, has commenced provision of a point cloud data acquisition service on February 24.

MIRAIT has launched a digital twin business for recreating the real world in cyberspace based on real-world spatial information and positional information, and has conducted verification of 3D technology in a variety of environments such as construction sites and leisure facilities. The point cloud data acquisition service that has begun to be provided is a service that utilizes this experience and know-how to acquire accurate 3D coordinates of buildings and the natural environment as point cloud data. Customers can utilize the service as digital twin infrastructure using this point cloud data to reproduce structures, etc. on a computer to view and measure from a free perspective and perform a variety of simulations.

MIRAIT’s point cloud data acquisition service utilizes high-precision stationary 3D laser scanners and drones to provide nationwide acquisition of point cloud data matching customers objectives ranging from the interior of locations such as factories and offices to large-scale outdoor social infrastructure. Furthermore, the company will also provide 3D modeling of large volumes of point cloud data into a format that is easier to handle.

MIRAIT is building cloud services enabling collaborative work among multiple people by easily visualizing point cloud data, and will continue to provide a variety of services in future. Through the provision of these services, the company will contribute to the resolution of social issues and the realization of customers’ digital transformation.



Images created using point cloud data

*1 A “point cloud” is data recording a large number of 3D coordinates of an object or space measured using a 3D scanner as a point cloud.

*2 A “digital twin” refers to the creation of an exact copy of reality in cyberspace as a “digital twin” 3D image by converting a place, object, thing or person existing in the real world into digital data.