NEWS RELEASE

April 20, 2021

MIRAIT Holdings Corporation

[MIRAIT Technologies Corporation]

Sales of the “Photoruction Water” Water Pipe Construction Management System Using Photoruction Commence on April 20

Using computers and smartphones to simplify preparation of documents and supervision operations in water pipe construction

Kurimoto, Ltd. (head office: Osaka-shi, Osaka: representative: Kazutaka Kikumoto), Photoruction, Inc. (head office: Chuo-ku, Tokyo; representative: Takaharu Nakajima) and MIRAIT Technologies Corporation (head office: Osaka-shi, Osaka; representative: Yasushi Totake) will commence sales of the “Photoruction Water” “water pipe construction management system using photoruction* (hereinafter referred to as the “System”) on April 20, 2021.

Water-supply corporations nationwide are entering a period when facilities constructed and invested in during the period of high economic growth need to be updated at once while faced with the difficult situation of revenue from water rates decreasing due to reduced water demand. In particular, they are required to update and further strengthen the earthquake resistance of aging pipe conduits accounting for much of the investment.

Even recently, the cabinet decision on “5-year Acceleration Measures for Disaster Prevention, Disaster Mitigation and National Resilience” made in December 2020, sets targets of raising the percentage of earthquake-resistant core pipe conduits from 40.3% in FY2018 to 60% in FY2028, requiring the pace of earthquake resistance work to be increased.

However, both the public sector and private sector are having difficulty securing engineers and passing along skills, and the improvement of productivity and operational efficiency are significant issues for the continuity of operations. To address this situation, the City of Kobe Waterworks Bureau and four private-sector companies jointly conducted research on a “Water Pipe Construction Management System Using Photoruction” to improve efficiency and automate water pipe construction management operations utilizing knowledge on waterworks infrastructure and ICT.

The “Photoruction Water” system developed through the joint research is a construction management application be used on sites specializing in water pipe construction, improving

efficiency spanning from records of on-site operations to the creation of forms to be delivered to local governments.

The efficiency of preparation of documents that has previous been carried out at night or on holidays after on-site work is carried out can be improved because the iron pipes to be installed can be selected on and joint checks can be performed on a mobile device while on site.

It supports multiple types of iron pipes such as GX type and NS type, and can output to forms such as the pipework journal and joint check sheet.

The System will support the improvement of productivity of water-supply corporations and water-service works companies nationwide with the aim of improving the efficiency of water pipe construction work.

***** Photoruction: A cloud service for construction companies for the purpose of improving productivity and quality.

● Company Profiles

<Kurimoto, Ltd.>

Representative:	Kazutaka Kikumoto, President
Head office address:	1-12-19 Kitahorie, Nishi-ku, Osaka-shi, Osaka
Established:	May 10, 1934
Capital:	31.1 billion yen (As of March 31, 2020)
Businesses:	Manufacture and sale of iron and steel products, steel structures and machinery parts, construction-related products and other products

<Photoruction Inc.>

Representative:	Takaharu Nakajima, President and CEO
Head office address:	6F Shiodome East Side Building, 5-4-18, Tsukiji, Chuo-ku, Tokyo
Established:	March 14, 2016
Capital:	485 million yen (includes capital reserve)
Businesses:	Productivity improvement services for construction companies, planning, development and operation of photoruction. A construction tech company using the power of software and cloud AI to improve efficiency and automate a variety of operations such as organization of photographs, preparation of documents, management and inspection of diagrams (checking whether they are correct diagrams), quantification and preparation of inspection forms.

<MIRAIT Technologies Corporation>

Representative:	Yasushi Totake, President
Head office address:	3-3-15 Edobori, Nishi-ku, Osaka-shi, Osaka
Established:	June 15, 1960
Capital:	3,804 million yen
Businesses:	Communication infrastructure engineering business, social infrastructure engineering business, ICT solution business, energy business, global business

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