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Press Release on April 25, 2024
ITbook Holdings Co., Ltd.
Tokyo Stock Exchange Growth Market: Ticker code 1447

ITbook Holdings Group was selected by Hyogo Prefecture for “Irrigation Pond Monitoring System Exhibition Center Development Project”.

We hereby would like to inform you that the environmental measurement service called "Mimawari Homing Pigeon" provided by NEXT Co., Ltd., a member of our group (headquarters: Minato-ku, Tokyo, Representative Director and President: Kiyoshi Matsuba, hereinafter "NEXT") was introduced at Hyogo Prefecture Irrigation Pond Permanent Exhibition Hall (Akashi Venue) in the "Irrigation Pond Monitoring System Exhibition Hall Development Project" conducted by the Hyogo Prefecture Agriculture, Forestry and Fisheries Department, Agricultural Land Development Division.

Details

1. Background and Purpose

In recent years, as reservoir management and monitoring systems are expected to be weakened due to the decline in the number of agricultural workers and the aging of the population, it is necessary to promote the use of ICT (information promotion technology) in order to prevent human damage caused by reservoirs. Although the "reservoir monitoring system", which can accurately monitor the rise in water level of reservoirs during heavy rains, is expected to be used as a disaster mitigation measure to encourage prompt evacuation actions in emergencies, currently it has not yet widely used yet partially due to the low awareness on it among municipal officials and administrators.

Therefore, in order to promote understanding among municipal officials and administrators and accelerate the introduction of the reservoir monitoring system, Hyogo Prefecture began setting up a "Reservoir Monitoring System Exhibition Hall" to be used for on-site training and solicited private companies to submit proposed systems to be installed at the exhibition hall. As a result, 12 companies including NEXT were selected.

2. Overview of Exhibition

- Period: 3 years (from January 2024 to December 2026 *planned)
- Venue: Nishijima Kamiike (Akashi venue): 682-1 Nishijima Harada Okubo-cho, Akashi-City
- Installation System: "Mimawari Homing Pigeon" Simple weather meter + camera + water level gauge (water level to be measured 10m)

3. Feature of Installation System

By combining the "Mimawari Homing Pigeon" with a comprehensive weather observation sensor, it can grasp real-time environmental information and future forecasts (temperature, rainfall, wind speed, basin rainfall index, soil rainfall index) and use such information for disaster prevention. Furthermore, by providing water level trends and drainage information to downstream areas through the linkage with drainage pump operation information for reservoirs it is possible to proceed with prompt initial response even in the event of increased water levels due to heavy rain, which has been recognized as effective as a river disaster prevention measure.

In addition, the features of the products posted on the Hyogo Prefecture website are introduced below:

- It is a gateway that can connect various sensors and display devices, where we can select necessary measurement equipment to suit the site.
- It is possible to install it anywhere as either solar power drive or AC power drive can be selected.



【Inquiries regarding this press release】

ITbook Holdings Co., LTD. URL: <https://www.itbook-hd.co.jp/> IR Contacts: Morishima, Yamamoto

e-mail : info@itbook-hd.co.jp

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【Methodology to check water level data】

- Sensor data can be measured in real time, and data can be checked and graphically displayed on the web screen.
- Since a signage display function is included as standard, it can be displayed on your display at all times.
- You can set the threshold at your discretion, and when the threshold is exceeded, you can receive an alert via email or check the alert on the signage screen.

<Image of signage screen >



<Image of graphically displayed screen >



4. Contact information and reference information

- Inquiries regarding “Mimawari Homing Pigeon”
NEXT Co., Ltd. (<https://nextkk.co.jp/>)
Person in charge: Kobayashi
MAIL : m.kobayashi2@nextkk.co.jp

※NEXT Co., Ltd. was merged with ITbook Technology Co., Ltd. as of April 1, 2024.

- Hyogo Prefecture HP “Opening of simple reservoir system exhibition hall”
<https://web.pref.hyogo.lg.jp/nk10/2023tameikekanshisystemtenjjjou.html>
- Related press release: “ITbook Holdings Group shall promote reservoir levee breach prediction and disaster prevention DX”
<https://www.release.tdnet.info/inbs/ek/140120240430579923.pdf>

Taking this project as an opportunity, our company shall contribute to the development of the "Irrigation Pond Disaster Prevention and Mitigation Project," which is an initiative of Hyogo Prefecture, local governments, and everyone involved in reservoir management and take on the challenge of realizing a sustainable local society.

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