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Press Release on August 28, 2024

ITbook Holdings Co., Ltd.

Tokyo Stock Exchange Growth Market: Ticker code 1447



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ITbook Holdings Group has announced  
the release of the new product "4DKanKan Meta" Japanese version

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We hereby would like to inform you that the Japanese version of 4DKanKan Meta, a new product of 4DKanKan, for which GeoSign Co., Ltd. (Headquarters: Chiyoda-ku, Tokyo, Representative Director: Yoshifumi Narita, hereinafter "GeoSign"), our group company, has exclusive domestic agency rights, has been released.

4DKanKan is a product of 4DAGE Technology Co., Ltd. (Headquarters: Zhuhai City, Guangdong Province, China; CEO: Cui Yan; hereinafter referred to as "4DAGE"), a Chinese start-up company that develops 3D digital data technology. This is an AI-equipped 360° camera that allows anyone to easily capture data as if they were walking in a 3D space. It is a product that can be used in a wide range of fields, including civil engineering sites, smart cities, the Metaverse, and entertainment, as it can take pictures indoors and outdoors, in dark places, and in closed spaces. In addition, the shooting data can be freely customized to suit the needs of customer, making it possible to implement efficient marketing measures.

The new product "4DKanKan Meta" is a product that GeoSign was involved in from the development process and reflects many of the voices of Japanese clients. Its main feature is that it uses an innovative data acquisition method that combines a terrestrial laser scanner and a wearable SLAM\*1 scanner, making it possible to scan while walking with the device on the body. As a result, SLAM shooting can also be easily performed in narrow spaces where it is difficult to bring in equipment. In addition, it is equipped with LiDAR with a wavelength of 905 nanometers (nm) and can perform automatic accuracy calibration using a proprietary algorithm, achieving high accuracy at the centimeter level. Furthermore, it is equipped with a multi-functional module, so it can be used in a variety of situations, such as photographing in dark places such as inside tunnels using an infrared module and photographing in special environments such as accident sites using the base module for drones, etc.



One example of its use is expected to be in the "digitization of buildings and cultural properties". Historical buildings, cultural properties, civil engineering structures, landscape resources, etc. managed by the national and local governments face various problems, including aging of those properties, human resources and costs involved in maintenance and management. There are many cases of destruction due to disasters, demolition due to deterioration, or abandonment of management. Therefore, it is considered effective to save it as digital data such as BIM\*2 or 3D point cloud data. Regarding BIM conversion of existing buildings, it was considered that the work required a long time due to the large capacity of point cloud data and comparison with site photos, but 4DKanKan has a light capacity for various data and can generate live-action VR and point cloud data with a single click. As a result, work time can be drastically reduced, such as completing drawings in 5 days or so, which used to take about a month.

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【Inquiries regarding this press release】

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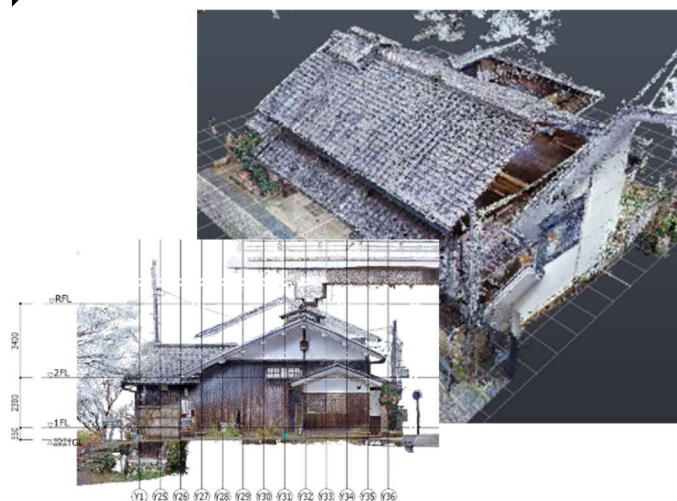
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<Regarding digitalization of buildings: Utilization of data captured by 4DKankan>

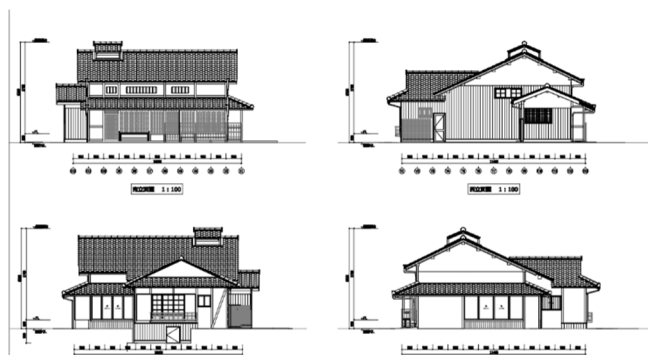
① Photographing



② Point cloud data



④ Design drawings



③ BIM model



In the announcement of the release of the Japanese version of “4DKanKan Meta” at the conference “4DKanKan Next Akiba’24” held in May this year, Mr. Cui of 4DAGE made a comment saying “We will not end this product with development, but we would like to have discussions with the client even after the release, reflect the client’s needs, customize and evolve the product.” Our group, centered around Something Co., Ltd., engaged in a ground investigation and improvement business, has a deep knowledge of the field, and our strength is in improving productivity at low cost by solving field issues using technology. In the release of the Japanese version of “4DKanKan Meta,” we will reflect the voices of the front lines in each business, discover the possibility of further utilization through synergy effects, and contribute to solving social issues.

- \*1 SLAM is an abbreviation for "Simultaneous Localization And Mapping". It is a technology which estimates its own position (localization) and creates a maps (Mapping) simultaneously (Simultaneous) based on the information acquired from multiple distance sensors and cameras installed on robots and machines.
- \*2 BIM is an abbreviation for "Building Information Modeling." It is a method which constructs buildings in 3D space on a computer instead of traditional drawings and paper materials, and centralizes and utilizes information related to planning, design, construction, and maintenance management.

■HP dedicated on 4DKanKan Meta (<https://apps.4dkankan.jp/#/Meta>)

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