



December 5, 2016

FRONTEO Completes Beta Version of its Prediction of Patient Fall System

Yielding more accurate prediction than current international standards for determining risk of falling

Further clinical trials underway, aiming to make the system operational in medical facilities within fiscal 2016

TOKYO, Dec. 05, 2016 (GLOBE NEWSWIRE) -- FRONTEO, Inc. ("FRONTEO" or the "Company") (NASDAQ:FTEO) (TSE:2158), a leading provider of big data analysis services driven by AI technology, and its 100% owned subsidiary FRONTEO Healthcare, a provider of medical data analysis solutions using AI, have announced that they have completed the beta version of the Prediction of Patient Fall System (the "System"), representing a big step forward towards the implementation at various medical facilities. The system was co-developed with NTT Medical Center Tokyo using FRONTEO's proprietary KIBIT AI engine.

The development work for the beta version of the System was initiated in February 2015. Its aim is to prevent unexpected adverse events in the field of healthcare, and to enhance the ability of doctors and nurses to ensure a safe environment for patients in an efficient manner by using AI technology to analyze text data of comments written freely in electronic medical records to detect signs of potential falling, thereby reducing the number of occurrences.

FRONTEO, FRONTEO Healthcare, and NTT Medical Center Tokyo analyzed previously accumulated records of patients, who actually had fallen, to verify the relevant patient information in electronic medical records that could be used to detect signs of potential falling. The development work focused on patient feedback (mainly complaints), and written opinions from nurses, concerning disturbances of consciousness and independence of behavior. By conducting analysis whereby KIBIT learned, the work delivered results by using actual cases that led to falls and statements of perceived elevated risk from the perspective of veteran nurses as teaching data.

In the previous tests, the Morse Fall Scale, a conventional international standard for evaluating the risks of falling, determined that 195 (57%) of the 344 patients who actually fell were at risk of falling. The System, equipped with KIBIT, was able to achieve a higher accuracy rate compared to the Morse Fall Scale, which determined that 295 (86%) patients were at risk.

This beta version of the System is equipped with a simple screen layout displaying necessary information that is easy to monitor. The possibility of falling is shown using symbols that resemble traffic lights. It is easy to understand patients' condition intuitively, with high-risk patients shown as red, and low-risk patients shown as green. Whether to show red or green is based on accumulated verified results. Nurses at medical facilities are able to see the risk status of the patients for whom they are responsible by displaying the patient list, even if they do not read the feedback from individual patients. Nurses can also check the Individual display for comments extracted from electronic medical records over time if they want to know the reason that the patients have been determined to be at a high risk of falling, or when they want to check the previous status changes.

Moving forward, the three parties will continue to examine new medical records and make the current display systems easier to use for nurses while conducting further clinical trials. FRONTEO and FRONTEO Healthcare expect the System will also be provided to other interested hospitals and are moving toward making it operational in medical facilities by the end of fiscal 2016 (early 2017).

About FRONTEO, Inc.

FRONTEO, Inc. ("FRONTEO") (Nasdaq:FTEO) (TSE:2158) supports the analysis of big data based on behavior informatics by utilizing its technology, "KIBIT". FRONTEO's KIBIT technology is driven by FRONTEO artificial intelligence based on knowledge acquired through its litigation support services. KIBIT incorporates experts' tacit knowledge, including their experiences and intuitions, and utilizes that knowledge for big data analysis. FRONTEO continues to expand its business operations by applying KIBIT to new fields such as healthcare and marketing. FRONTEO was founded in 2003 as a provider of e-discovery and international litigation support services. These services include the preservation, investigation and analysis of evidence materials contained in electronic data, and computer forensic investigation. FRONTEO provides e-discovery and litigation support by making full use of its data analysis platform, "Lit i View", and its Predictive Coding technology adapted to Asian languages. The company name was changed from UBIG, Inc. to FRONTEO, Inc. as of July 1, 2016.

For more information about FRONTEO, contact global_pr@fronteo.com or visit <http://www.fronteo.com/global/>.

Safe Harbor Statement

This announcement contains forward-looking statements. These forward-looking statements are made under the "safe harbor" provisions of the U.S. Private Securities Litigation Reform Act of 1995. These statements can be identified by terminology such as "will," "expects," "anticipates," "future," "intends," "plans," "believes," "estimates" and similar statements. Among other things, the amount of data that FRONTEO expects to manage this year and the potential uses for FRONTEO's new service in intellectual property-related litigation, contain forward-looking statements. FRONTEO may also make written or oral forward-looking statements in its reports filed with, or furnished to, the U.S. Securities and Exchange Commission, in its annual reports to shareholders, in press releases and other written materials and in oral statements made by its officers, directors or employees to third parties. Statements that are not historical facts, including statements about FRONTEO's beliefs and expectations, are forward-looking statements. Forward-looking statements involve inherent risks and uncertainties. A number of factors could cause actual results to differ materially from those contained in any forward-looking statement, including but not limited to the following: FRONTEO's goals and strategies; FRONTEO's expansion plans; the expected growth of the data center services market; expectations regarding demand for, and market acceptance of, FRONTEO's services; FRONTEO's expectations regarding keeping and strengthening its relationships with customers; FRONTEO's plans to invest in research and development to enhance its solution and service offerings; and general economic and business conditions in the regions where FRONTEO provides solutions and services. Further information regarding these and other risks is included in FRONTEO's reports filed with, or furnished to the Securities and Exchange Commission. FRONTEO does not undertake any obligation to update any forward-looking statement, except as required under applicable law. All information provided in this press release and in the attachments is as of the date of this press release, and FRONTEO undertakes no duty to update such information, except as required under applicable law.

CONTACT :

FRONTEO Global PR

global_pr@fronteo.com

 Primary Logo

Source: FRONTEO

News Provided by Acquire Media