NUITEQ® and AVA Vision deliver unique rehabilitation services to Korean patients

SUMMARY

Samsung Woori Rehabilitation Sanatorium Hospital, located in Hwaseong city, South Korea, was looking for a solution that would help in the caretaking of its rehabilitation patients.

The hospital, therefore, decided to approach NUITEQ's partner AVA Vision Co, Ltd., a technology-based company, specialising in system integration of audio and visual applications, to install a unique touch display in their recreation area.

CHALLENGE

The Samsung Woori Rehabilitation Sanatorium Hospital specializes in rehabilitation treatments for patients that have suffered accidents, strokes or have Alzheimer disease. Therefore the challenge was to find a simple, easy to use and intuitive entertainment solution that even elderly patients can use without any special training.

SOLUTION

After being introduced to AVA Vision and having had the chance to see the demonstration of Snowflake, including apps such as Bugs, Media, Tap, Piano etc., the director of the hospital, Dr. Yoon, found the AVA Vision's touch table, in combination with the Snowflake software, fascinating. He believed this solution would help the patients get together, start conversations and, above all, make it easier to cope with long-term hospitalization.
Dr. Yoon, therefore, decided to adopt the interactive multitouch solution, as a pilot project that will run until the end of 2016.

Year-on-year AVA Vision has seen their business grow and demand for their interactive multitouch displays and the interactive industry is continuously growing in Korea. This growing demand for their displays goes hand in hand with the demand for software solutions that leverage the capabilities of their screens.

"Snowflake is intuitive, easy to use and contains more than 30 entertaining turnkey apps with ready-made content, which is why we decided to offer it with our touch screen to this physical rehab hospital."

**comments JJ Park,
CEO at AVA Vision.**

The touch screen supports 32 simultaneous touch points, so more than four patients can play together at the same time.

Snowflake was, therefore, the most appropriate
multi-user touchscreen software, available today, that could answer the hospital's needs.

RESULTS AND FUTURE PLANS

The project is still in its pilot phase and will run until the end of the year 2016, however, the feedback that has been received by now is encouraging and promising.

The effect of using the interactive multitouch table with Snowflake in the hospital is greater than what was expected.

The director of the hospital, Dr. Yoon, said that the most popular game among patients is the "Bugs" app. In the game, users have to collect bugs of the same species by drawing a circle around them, without drawing the circle around a different species. Also, "Match it", an app where you have to match two similar cards, is popular.

"It is amazing! It gives me a chance to talk with other patients while playing together. Also, I can play games just like youngsters do.", says one of the senior patients.

"The touch table is the link that connects multiple patients in a group and harmonizes and helps them relax, even if they're faced with long-term hospitalization. The senior patients can also play together with their children. (...) It is surprising to see patients playing the multitouch games. But I think it is even more surprising, that the machine can help patients starting small talks with other patients as soon as they play.", ads Dr. Yoon in an interview with a local newspaper.

At the end of the pilot phase, AVA Vision will analyze all the feedback from the hospital and potentially customise certain applications to respond even better to the patient's needs.

The project is the first step towards a bigger opportunity for AVA Vision to have new potential customers such as rehabilitation hospitals and elderly nursing homes.

In the past, NUITEQ® deployed a similar solution in the Glenrose Hospital from Edmonton, Canada. The Snowflake software was popular among the patients. "Tap", one of the Snowflake apps, was for example used because of its ability to help patients with improving their motor skills. "Media" was another app that was embraced with open arms. Patients with Alzheimer's disease could view and interact with their own personal digital photos, that featured family, and friends. This functionality triggered the patient's memory, helping to remember their loved ones and parts of their past.

"Our collaborative touchscreen software Snowflake is used in the corporate world, education and public spaces, but it is especially rewarding to see our product being used as a tool to improve the mental health and wellbeing of people."

**says Harry van der Veen,
CEO at NUITEQ®.**

ABOUT AVA VISION

AVA Vision Co, Ltd. is a technology-based company, specialising in system integration with audio and visual applications and networks. AVA Vision develops interactive products and offers their solutions, including touch sensors and 3d displays, to a wide market range.

Visit www.avavision.co.kr for more information.

AVA
Audio Visual Applications
[주] 아바비전

ABOUT NUITEQ®

NUITEQ® is a world leader in collaborative touchscreen software that enable natural interaction. The company is re-imagining and redefining education technology. Its software suite of collaborative learning games, Snowflake MultiTeach®, helps to improve education outcomes for teachers, students and schools. The software creates higher engagement, greater enjoyment and better collaboration while learning. MultiTeach® is used by schools in over 70 countries. NUITEQ's vision is to empower educators to help kids learn by playing.

For more information, visit www.nuiteq.com.

MEDIA ENQUIRIES

Contact: Alina Chioran,
Marketing Officer at NUITEQ®
+46 73 087 7099

POWERED BY

NUITEQ®