

推廣樂齡科技 提升長者生活質素

Using Gerontechnology to Enhance Quality of Life for the Elderly

機電署一直為全港公共醫療機構提供可靠的工程服務。我們應用嶄新科技提升公共醫療服務水平，以及為醫護人員和病人提供高效、便捷的機電設備支援，以回應市民對公共醫療服務日益增加的需求。我們同時亦關懷社羣，利用專業和技術知識回饋社會，提升長者的生活質素。

上期提到，我們在今年6月的「樂齡科技博覽暨高峰會」中利用虛擬實境展示「建築信息模擬 — 資產管理」系統。除此之外，我們其實亦同時推廣在樂齡科技上的工作成果，包括展出「數碼牙科成像系統」、「老友愛旅行」虛擬實境應用程式等項目。

「數碼牙科成像系統」是我們為衛生署牙科診所引進的技術。該系統以電子方式把牙科掃描資料儲存於電腦內，能有效簡化資料管理和臨床程序，並有助提升牙科服務效率。至於「老友愛旅行」虛擬實境應用程式，是專為長者編寫的流動應用程式。使用者只要戴上適當的虛擬實境裝置和透過智能電話開啟應用程式，便可進入虛擬世界，例如可體驗划龍舟和潛水運動，也可參觀不同國家的名勝。透過這套應用程式，行動不便的長者便可隨時感受到世界各地旅遊的樂趣。

業界和市民對我們展示的樂齡科技項目反應熱烈，並踴躍參與我們舉辦的工作坊，體驗科技為生活帶來的便利。

客戶如對我們的醫療新科技或樂齡科技項目有興趣，歡迎致電3155 4000與我們的高級工程師莊國基先生聯絡。



科技有助提升醫療服務水平。參加者正試用「數碼牙科成像系統」。
Technology helps enhance the level of healthcare services. A visitor is giving the "Digital Dental Imaging System" a try.



參加者親身試用「老友愛旅行」虛擬實境應用程式，體驗運動和遊覽世界的樂趣。
Visitors try out "The Elderly Love Travel" VR app to experience the fun of sports and world travel.

The EMSD has been offering reliable engineering services to public health institutions in Hong Kong. In response to the increasing demand for public health services, we adopt the latest technology to help enhance the services, and provide efficient and convenient support on E&M equipment for healthcare workers and patients. We also care for the community by using our professional and technical knowledge to contribute to the society and help the elderly improve their quality of life.

In the last issue, we mentioned the use of virtual reality (VR) technology to display the Building Information Modelling – Asset Management System at the Gerontech and Innovation Expo

cum Summit held in June this year. At the same event, we also showcased the results of our effort devoted to gerontechnology. Among the displays were the "Digital Dental Imaging System", "The Elderly Love Travel" VR app, etc.

The "Digital Dental Imaging System" is a technology we introduced to the dental clinics under the Department of Health. The scanned dental information and images are stored electronically on computers, thus effectively streamlining information management and clinical procedures, and improving the efficiency of dental services. As for "The Elderly Love Travel" VR app, it is a mobile app specially developed for the elderly. By wearing a proper VR gear and activating the app via a smartphone, a user can enter the virtual world, for example, to experience the fun of dragon boat rowing and scuba diving, or even travel to famous attractions of different countries in the world. Through this app, the home-bound elderly can also enjoy the pleasure of travelling around the world anytime.

Trades and visitors showed great interest in our gerontechnology displays and participated actively in our workshops to experience the convenience brought by technology.

If you are interested in our new healthcare technology or gerontechnology projects, please contact our Senior Engineer, Mr. Chong Kwok-kee, at 3155 4000.