

Success Story of Project Completed for the Government

23 May 2023

Project Owner: *Electrical and Mechanical Services Department (EMSD)*

Project Name (in English): *Development and Installation of Training Kit for Fixed and mobile X-ray Vehicle Inspection Systems (Virtual Reality)*

Project Name (in Chinese): *固定式和移動式 X 射線車輛檢測系統（虛擬現實）培訓套件的開發和安裝*

Project Description: *This project is to help EMSD to 1:1 simulate the X-Ray Vehicle with full set of VR Training and assessment program. This project can help the engineers in EMSD and Custom to understand how to analyze the defects, repair the components and maintain the X-ray Vehicle Inspection Systems.*

Means of Service Acquisition: *Open Tender*

Contractor Name: *Trefle & Co. Limited*

Subcontractor Name:

Project Commenced on: *01/JUN/2020*

Project Completed on: *01/NOV/2020*

This VR project successfully show how good we can handle complicated architecture, replicate the 1:1 realistic high-polygon (>6m polygon) 3D Model, very detailed texture designs and develop industrial training system for professionals.

This is EMSD's VR Models/BIM Project that can represent the best quality of VR in the industry and it won the HKICT Award 2022 – Smart Learning & Education System. Currently, the training system is presented in Hong Kong government's HK IT Expo, Cyberport and EMSD 's Interactive Learning Centre.