# How to use VR Technology for Improving Safety in Actual Work Situations

**VTM**

XR Training &
Learning

# Content

# About VTM

**1**
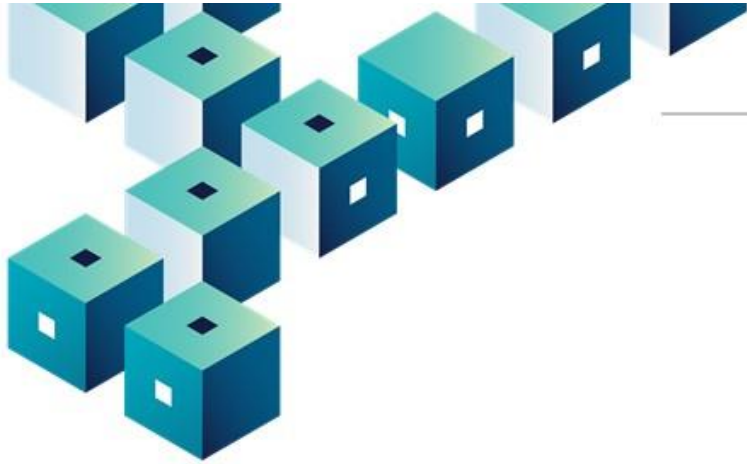
### Led by Experts
VTM was founded in 2016 by a group of visionaries and led by the Chairman of Hong Kong Extended Reality Association, Mr. Dao Moon Fun as our CEO and the Co-founder of Hong Kong Digital Entertainment Association, Mr. Dao Mun Chi, MH as our CTO.

### Another Level of Learning
VTM's vision is to design cutting edge XR training systems to revolutionize the current approach to learning and training as well as to advocate higher-order thinking.

### XR Training System
VTM's mission is to accelerate the XR training into an indispensable way of training with higher effectiveness and efficiency than existing methods.

# 1 About VTM

## 5 Key Areas

VTM's developed over 100+ solutions to our clients with different industry.

| Operational Efficiency | Healthcare | Occupational Health & Safety | Education | Soft Skills |

**1** About VTM

香港國際機場 HONG KONG INTERNATIONAL AIRPORT

香港建造商會 HKCA

新鴻基地產 Sun Hung Kai Properties

香港明愛 Caritas HONG KONG

Build King

新地會 SHKP CLUB

Gammon

香港都會大學 HONG KONG METROPOLITAN UNIVERSITY

CLP 中電

SWIRE

香港紅十字會 HONG KONG RED CROSS

樹仁大學

SAMSUNG SAMSUNG C&T

領展 LINK

南豐集團 NAN FUNG GROUP

**100+**
Projects Completions

**80,000+**
Number of Learners

**79%**
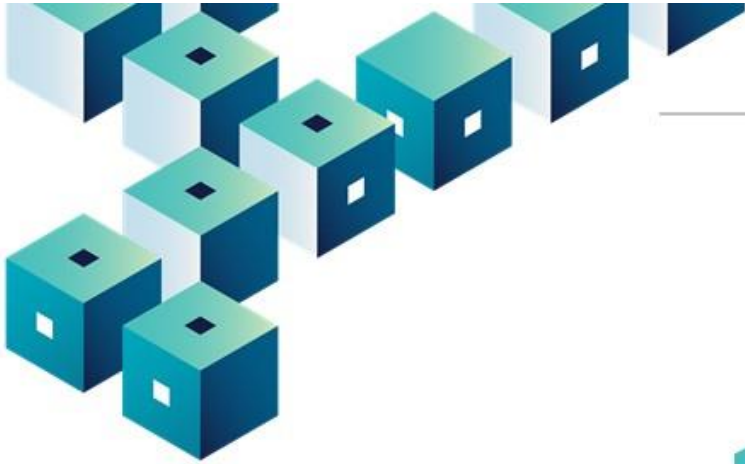Level of Effectiveness Enhancement

# 1 About VTM

**Media Interview**

As Hong Kong market leader in XR, VTM has been interviewed by TVB, Hong Kong Economic Times (HKET), Wen Wei Po etc.

# Content

## Construction Training Platform

**Construction Training Platform**

In Extended Reality

### Professionalism

- Industry experts
- Safety consultants

### Multi-users

- Tailored according to your needs
- Lower training cost
- High flexibility

### Subscription Model

- Group of trainees
- Time saving
- Team spirit building

### High Effectiveness and Efficiency

- Provide real-time performance evaluation
- Encourage two-way communication
- Enhance engagement

## 2 Construction Training Platform

# Construction Training Platform

**Construction Training Platform**
In Extended Reality



Electrical & Mechanical

Metal Scaffold

Manhole for CP

Bulldozer

Crane

Wheeled Telescopic Mobile Crane

Excavator

Electricity Drills

Tower Crane

Flame Cutting

Hinge Scissor Working Platform

Manhole for CW

Crawler Crane

Dump Truck

Light Working Platform

Formwork

*Above training topics are part of our modules.

**36 Modules +**  **Quarterly Update**

## 2 Construction Training Platform



**Over 60%**
Government Project

**10,000 +**
Learners

**Over 90%**
Satisfaction

**2** **Construction Training Platform**

First and Only

60 Sites

AAHK - 香港三跑工程
ASD - 沙田水泉澳小學工程
CEDD - 東涌填海工程
CEDD - 古洞北及粉嶺北發展工程
CEDD - 古洞北新發展區至石湖墟的道路和渠務工程
CEDD - 缸瓦甫警察設施土地平整及基礎建設工程
CEDD - 洪水橋發展工程
CEDD - 為觀塘行動區發展的基建設施工程合約 (ED/2022/01)
CEDD - 元朗朗邊公營房屋發展之工地平整和基礎設施工程 (CV/2022/07)
WSD - 將軍澳海水化淡廠工程
WSD - 小蠔灣濾水廠擴展部分工程
WSD - 上水及粉嶺東江水水管改善工程
WSD - 提升貝澳原水抽水站及貝澳二號原水抽水站及沿嶼南道敷設原水水管
WSD - 沙田濾水廠原地重置工程(南廠) – 前期工程及主項工程 (6/WSD/21)
WSD - 上水及粉嶺再造水供應工程 (3/WSD/20)
DSD - 活化翠屏河工程
DSD - 石湖墟淨水設施工程
DSD - 坪華污水處理廠工程
DSD - 將軍澳污水收集系統工程
DSD - 秀雅道地下蓄洪計劃 (DC/2022/05)
DSD - 屯門污水幹渠修復工程 (DC/2018/09)
HYD - 西貢公路工程
HYD - 寶琳北路及寶寧路加建隔音屏障工程 (HY/2021/06)
HYD - 為行人天橋、高架行人道及行人隧道提供暢道通行設施 (HY/2022/08)
HYD - 為行人天橋、高架行人道及行人隧道提供暢道通行設施 (HY/2020/23)
HYD - 為行人天橋、高架行人道及行人隧道提供暢道通行設施 (HY/2020/24)
HYD - 中九龍幹線 - 油麻地西 (HY/2014/20)
EMSD - 啟德發展區區域供冷系統
HA - 青衣公屋項目
HA - 屯門公屋項目
HA - 葵涌醫院重建工程
Private developer - 黃竹坑上蓋項目
Private developer - 火炭房屋項目
Private developer - 天榮站上蓋發展項目

## 2 Construction Training Platform

**Adaptation and Benefits:**



- Setup a VR training centre
- Make good use of existing meeting room



- Induction training
- Monthly safety theme
- Weekly safety training session
- Site tour for client and visitor

**2** **Construction Training Platform**

**Adaptation and Benefits:**



- Quantitative data
- Performance tracking
- All-rounded safety report
- Find out the common mistakes among workers



- Be the frontier of innovation safety
- Award winning
- Higher client satisfaction

## Construction Training Platform

**Control Panel:**



- Real-time training data overview



- Multi-gears control

# Construction Training Platform

**2**

## Control Panel:



- In-app content customization
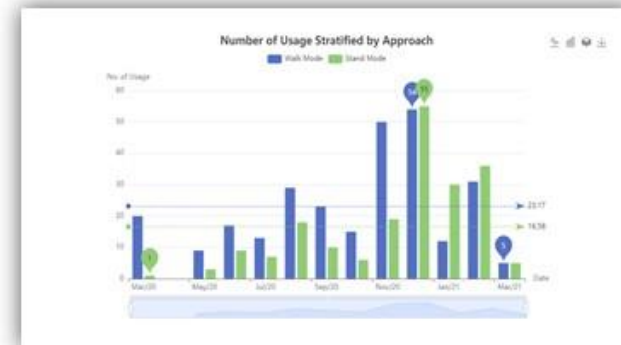- Various level of training
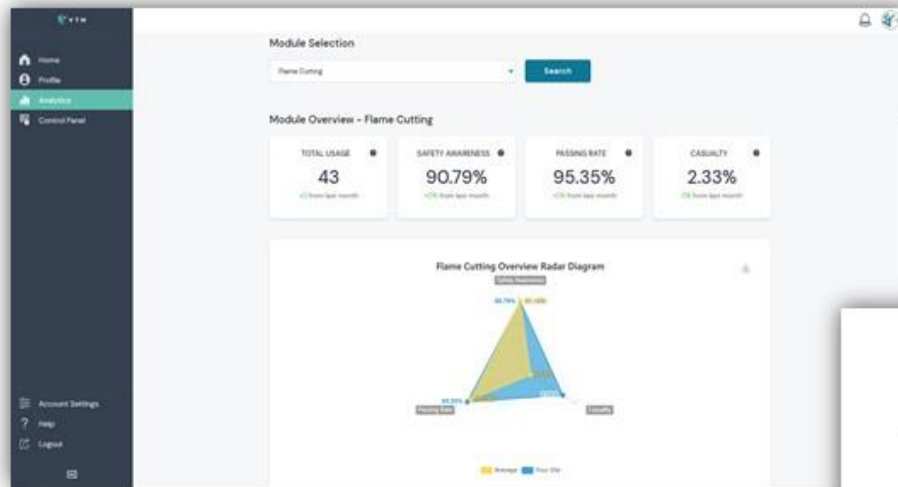- Accident preview

- Stand mode and walk mode
- Easy training set-up

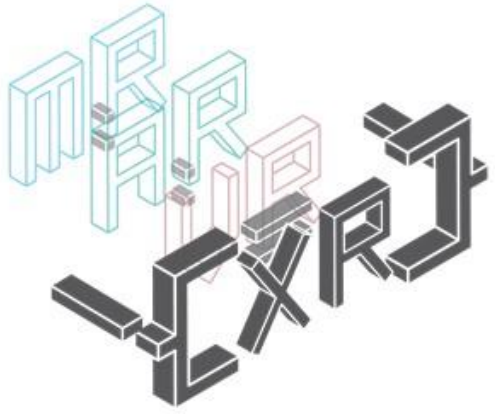## 2 Construction Training Platform

### Client Management System (CMS):
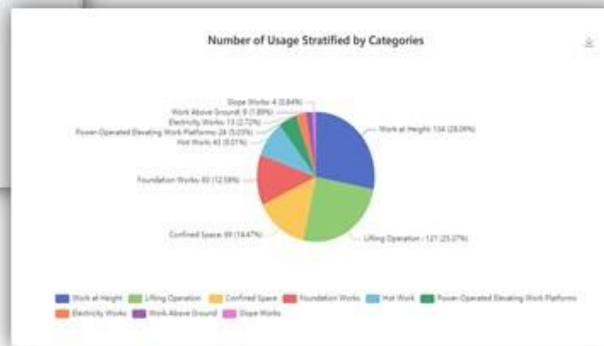


- Overall usage rate
- Real-time data analytics
- Basic comparison with the industry

CONTROL UPGRADING TO v.3.0 PANELS

# Flexible CONCURRENT USERS

- Can train a large group of workers *at once*
- Can use different modules *at once*

## Multi-Languages available

- Cantonese / English / Mandarin...
- Suitable for workers from *different nations*

**CONTROL PANEL UPGRADING TO 3.0**



# Real Time Training Progress Monitoring

- Time saved **over 70%**

#QuickProgressUpdate

# Thank You !

**Start your XR training and learning today !**
**Please contact us for more details.**



SCAN ME