

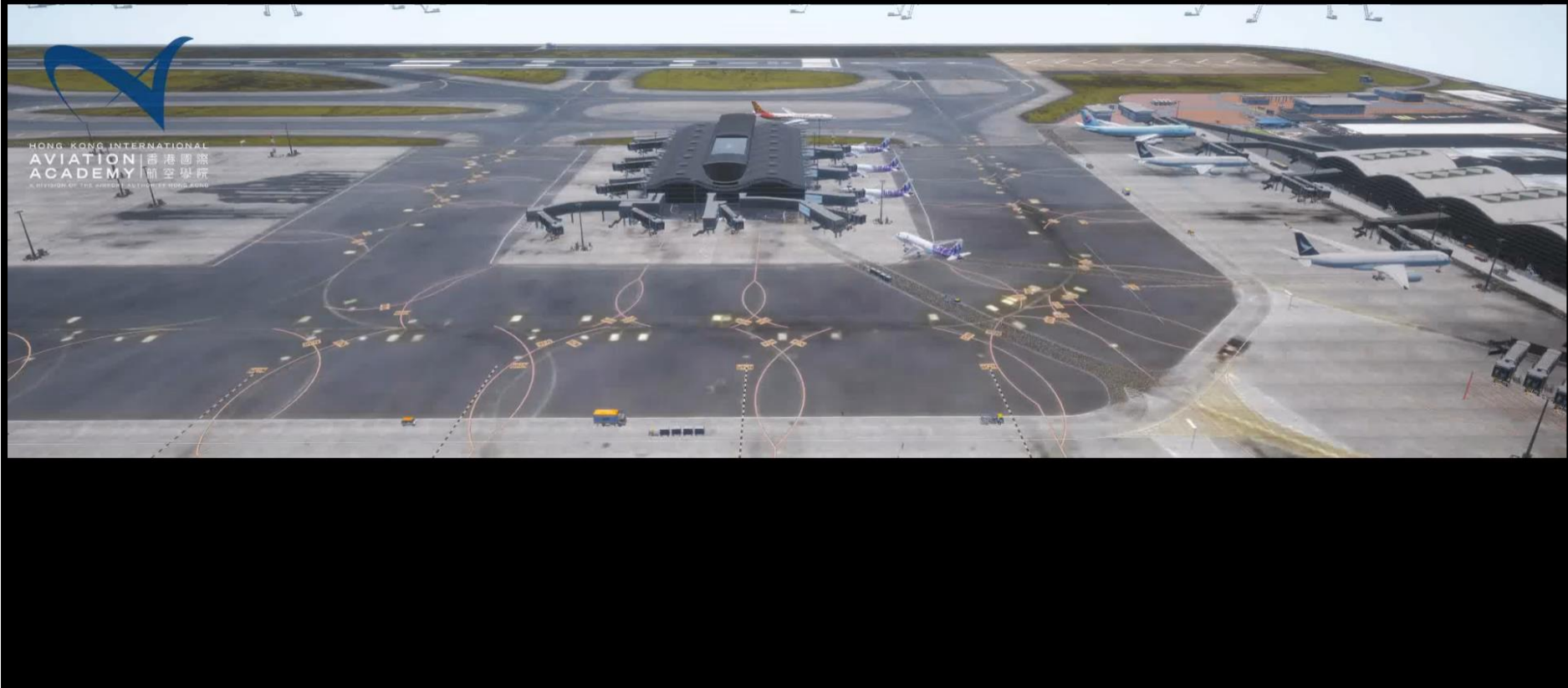
Virtual Reality (VR)

Disrupting aviation training

Richard Skinner



Virtual Training Environments (VTE)



VTE offers an ‘active learning experience’

VTE's Provide

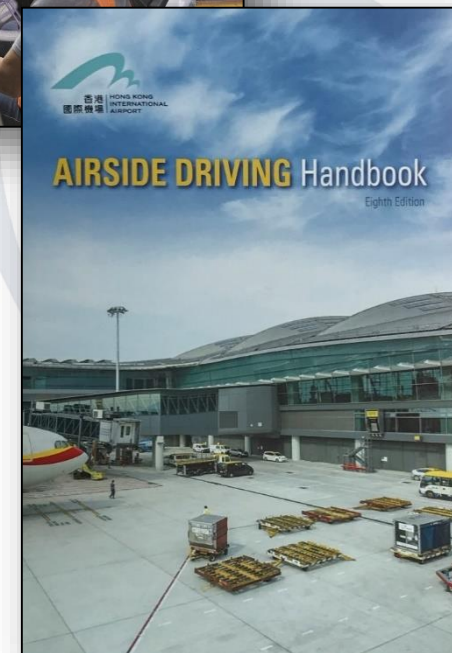
- Students can dynamically interact and manipulate the virtual world.
- Recreate difficult scenarios
- Provide safe environments for students to learn repeatable skills fail in order to succeed



What and When to use VR?

Operating airport equipment requires the operator certification and annual recertification of skills.

- Air-bridge operators.
- Airside driving.
- Cargo and catering loaders.
- Refueling operations.....etc.

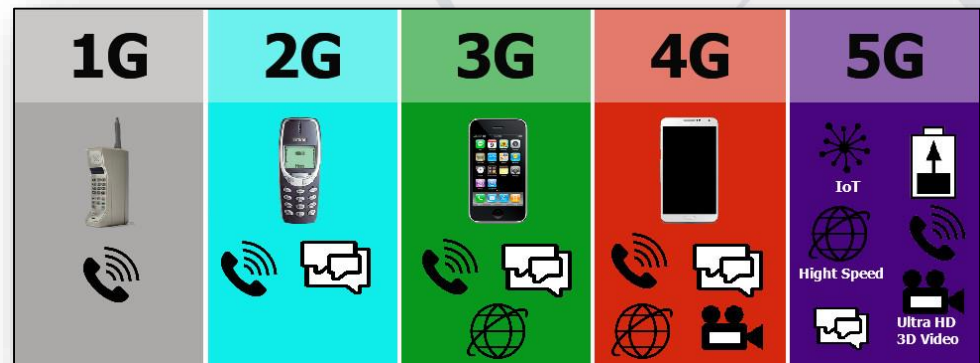


VR removes restrictions of conventional training

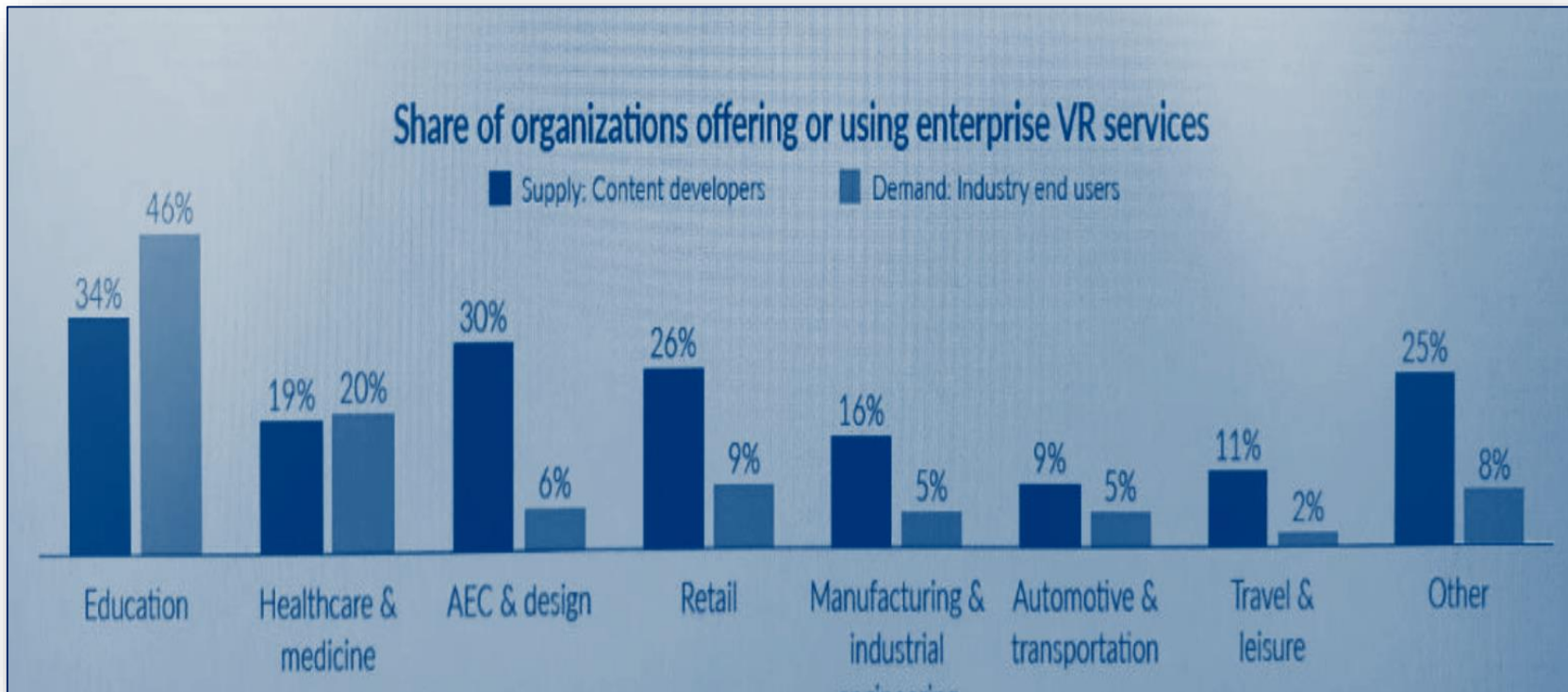


The Future - Delivering Live Streaming VR Training

- Deliver VTE based training over networks 5G technologies
- Providing complex skills training to remote locations
- Open up new opportunities to enhance training delivery and capacity



Enterprise VR out performing the consumer segment



Education, is experiencing a disparity between development demand and supply, 34% **supply** versus **46% demand**

Waking up to what VR has to offer

Source Super data 2018

Summary

Acknowledging the needs and demands of the NGAP

Recreates safe places to learn repeatable skills,

Provides 'hard to replicate' scenarios,

Provides new training flexibility.

The future of VR is off site remote delivery.