



Training and assessing operators using Virtual Reality Simulators

Presented by
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Mobile Elevating Work Platform (MEWP) VR Simulator

The award-winning Serious Labs MEWP VR Simulator is a hands-on learning solution designed to train operators on boom and scissor lifts.

- Uses actual machine controls for boom and scissor MEWPs.
- Movement of the base, that simulates the actual movement and response of equipment.



Lift and Access Magazine
2018 LLEAP Silver Award for Aftermarket
Support Products and Services Category



International Awards for Powered Access
2017 IAPA Innovative Technology Prize



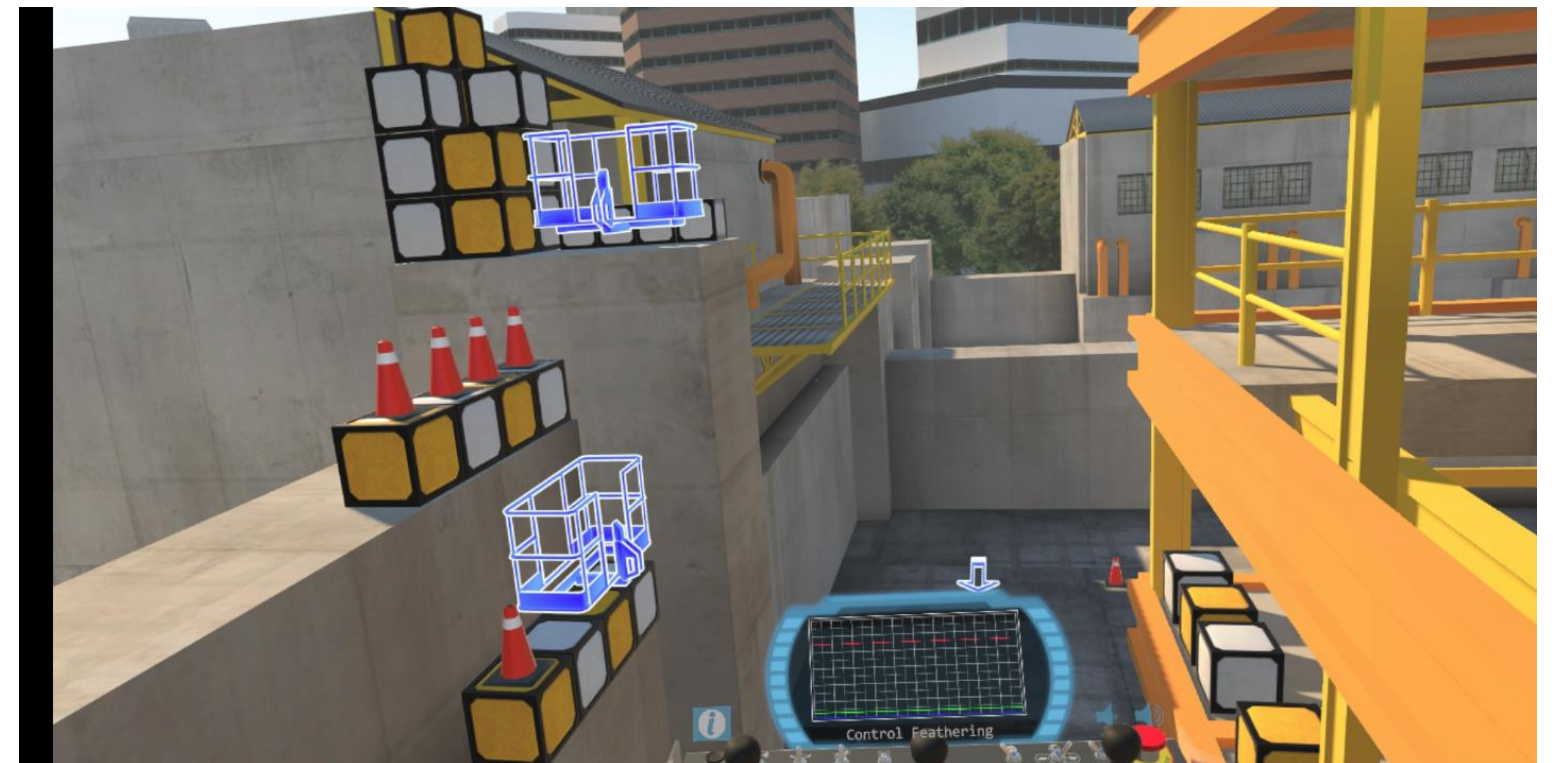
Rental Equipment Register
Gold award for Top 2018 Innovative Product
Awards Technology and Overall Categories



Compact Equipment Magazine
Innovative Iron Awards
Top three tech products for equipment industry

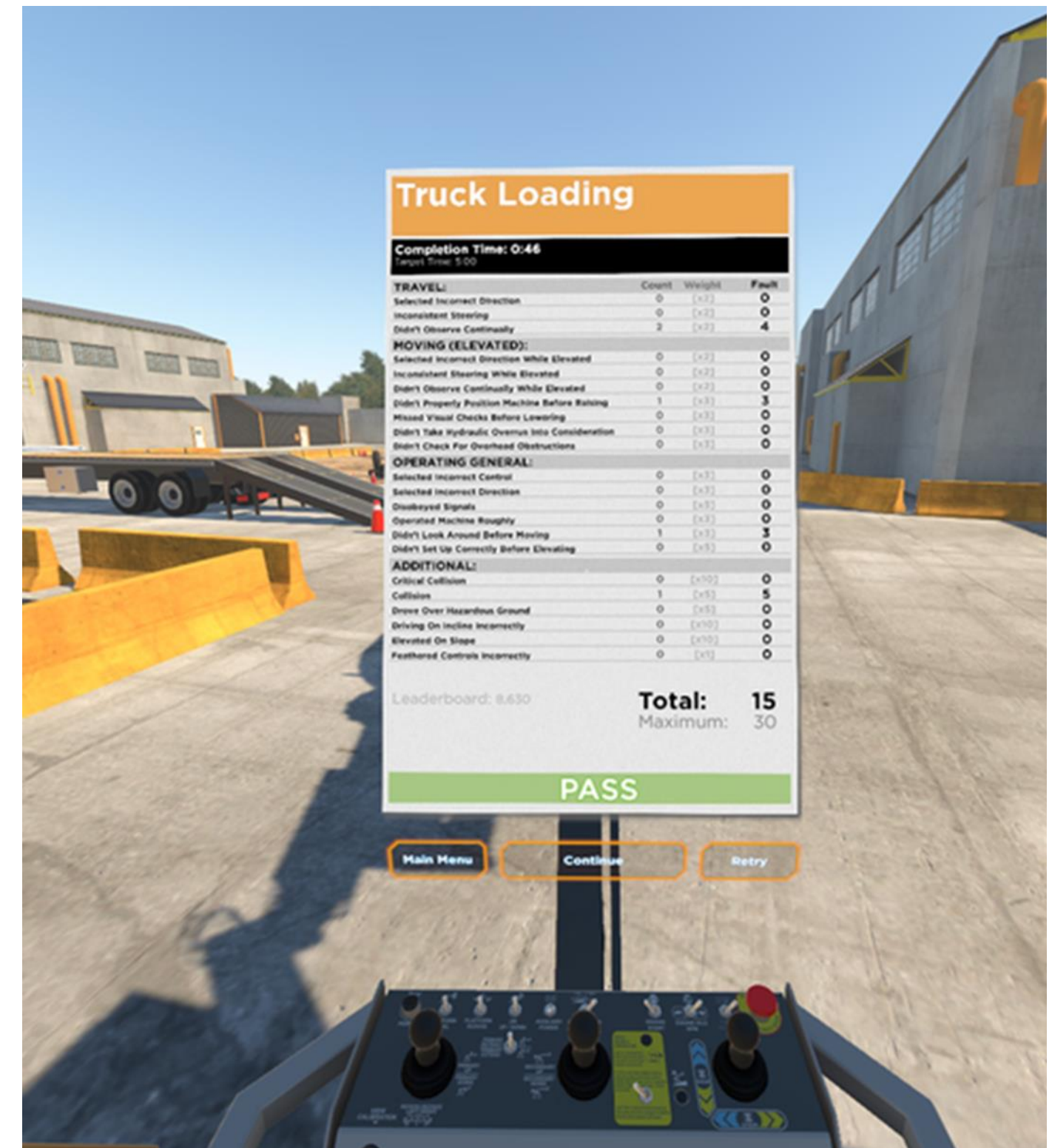
Increased safety of training in VR

- Is not limited by the constraints of space within the access yard or training centre
- Can simulate high risk operations which would not be possible in a traditional course
- Social distancing and control of the machine in a room not outside
- Never has an issue with the weather or environment
- Can train in a realistic environment before starting work
- Can take the training to the client



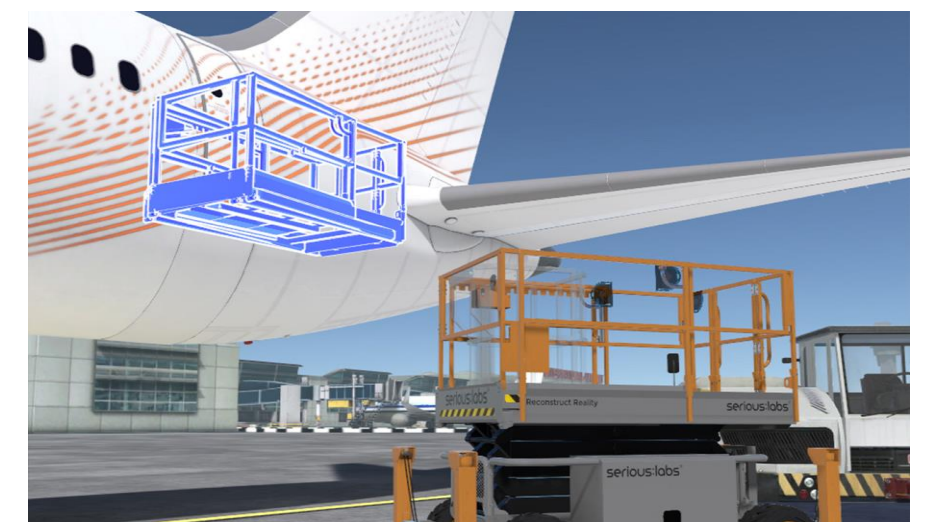
Assessment and data driven operator analysis to increase safety

- The simulator assess digitally picking up every missed visual inspection/wrong control and feathering of joysticks
- It is impartial and always the same so the data can be comparable from one operator to the next
- Using the assessment mapping the progress of operators by continual development rather than a one off assessment every 5 years
- Can compare operator safety and efficiency from site to site country to country
- All records created and stored digitally



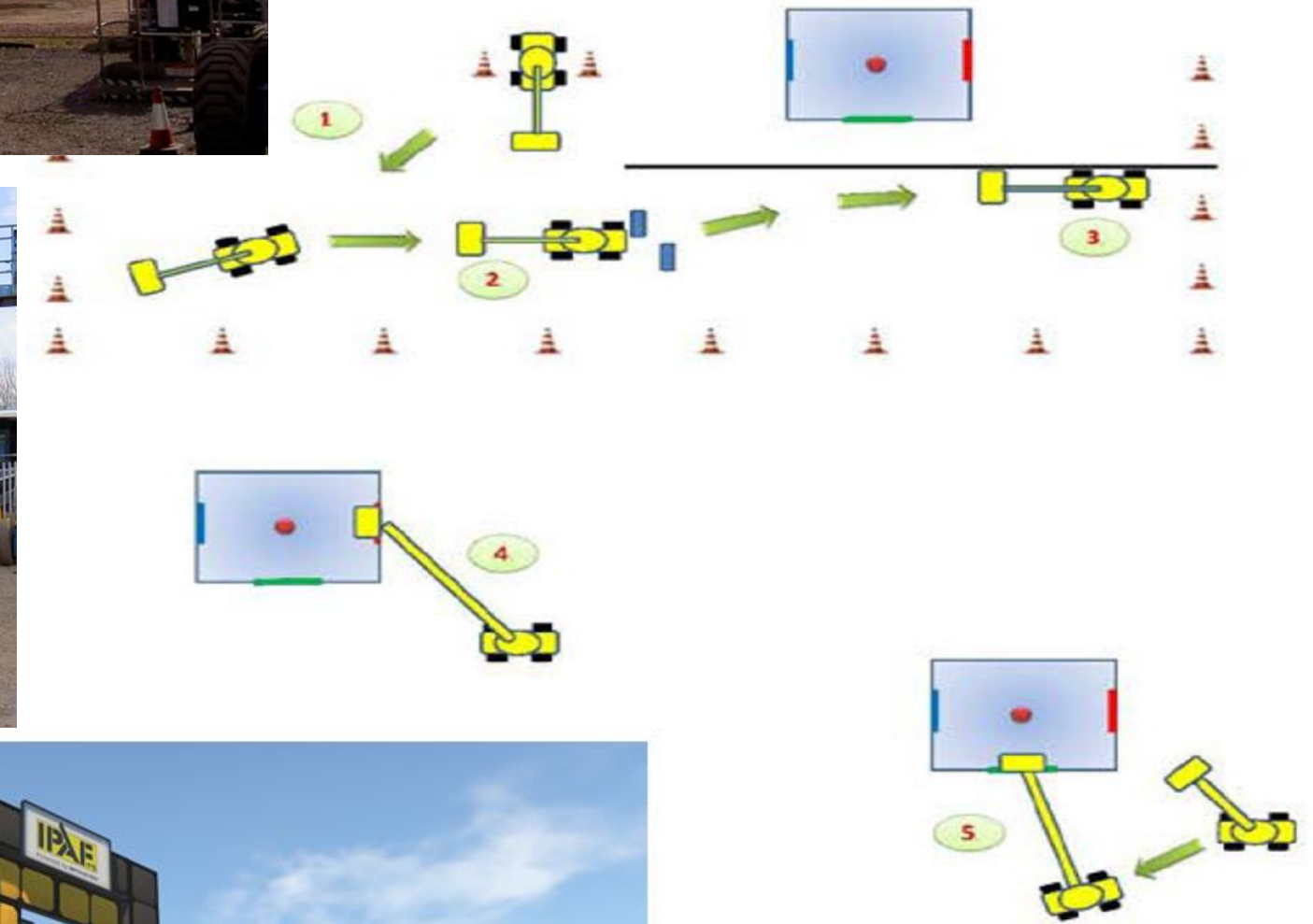
Aviation airline environment

- It is extremely difficult to train Aircraft Engineers on MEWPs using an actual plane - the smallest mistake can be very costly, into the £100Ks....
- Currently trained away from the aircraft and once passed go straight to the real thing – a 787-9 Dreamliner is \$180,000,000!
- The airline MEWP VR lets practice take place in a safe environment where they can learn how to manoeuvre around a curved object without making dangerous and expensive mistakes



PAL +

- Difficult to set up if not a permanent fixture
- Takes up a lot of space
- Requires 3 highly utilised machines
- Weather dependant
- Unable to be completed onsite
- VR version available which solves all of the pain points above



Using simulators

- Surely learning in simulators is the same as playing a playstation?
- Industries who use simulators as part of their training
 - ✓ Pilots
 - ✓ Military
 - ✓ F1 drivers



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THANK YOU FOR YOUR INTEREST
Contact Darrenv@seriouslabs.com for
more information