

NEBB AUSTRALIA CASE STUDY



In 2017 the National Environmental Balancing Bureau of Australia (NEBB Australia) approached us to explore the possibilities of using VR tech in workplace training.

NEBB Australia is an innovative entity, regularly looking for ways to advance their cause through incorporating leading edge technology.

A series of explorative consultation sessions with NEBB allowed us to show that a lifelike training simulator could be developed to simulate the process of 'Air Balancing'.
(Air balancing is a process used to ensure that air from heating or air conditioning units is evenly distributed throughout a room or building.)

We were able to prove that VR technology could:

- Replicate the real life environment wherein Technicians need to follow the 'Testing, adjusting and balancing' (TAB) process for achieving proper operation of Heating, Ventilation and Air Conditioning (HVAC) equipment.
- Test and develop their skills in becoming more proficient in the basic processes
- Provide a versatile platform which is easily modified, easily replicated and operates at the fraction of the cost of a real life training facility.



Thanks to a very close and productive working partnership with NEBB and its representatives, a fully working training simulator was built and will be showcased at the Air Conditioning, Refrigeration and Building Services (ARBS) Exhibition at the Sydney Convention Centre in May 2018.

MORE INFORMATION

<http://www.nebbaustralia.org.au/>
<http://arbs.com.au/>