

## CASE STUDY : RAYMOND

The future of vocational training,  
a forklift simulator for the 21st century



## CHALLENGE

The market for trained forklift drivers is tough. Turnover is high and accidents from insufficiently trained drivers can be deadly. Effective training is a must have. Raymond came to FreeRange XR looking to harness the power of Virtual Reality to build a simulator that would help save them time, save them money, and keep their employees safer.

**Just so happens, our Forklift Simulator was also a ton of fun to learn on.**

## SOLUTION





Created a fully comprehensive training simulator with custom hardware that incorporates actual controls from Raymond Forklifts.

Integrated with HTC Vive and Leap Motion hardware for full spatial and hand tracking, adding to immersion and accessibility.

The initial program currently includes simulations for six (6) different models, presenting five (5) individual courses and incorporating 60+ lessons.



## BENEFIT & OUTCOMES

-  **The project won Raymond the MHI innovation award for 2018.**
-  **Raymond is now selling this training product as a standalone product.**
-  **Raymond is now looking into AR for their maintenance applications, XR has become a clear value for their bottom line.**
-  **The training is so fun that people want to repeat it, virtually unheard of in the training industry.**



*"In my 30 yrs of training, I've never had an employee ask to do it again, until now."*  
**- HSE Manager**