



EMULATE3D

by ROCKWELL AUTOMATION

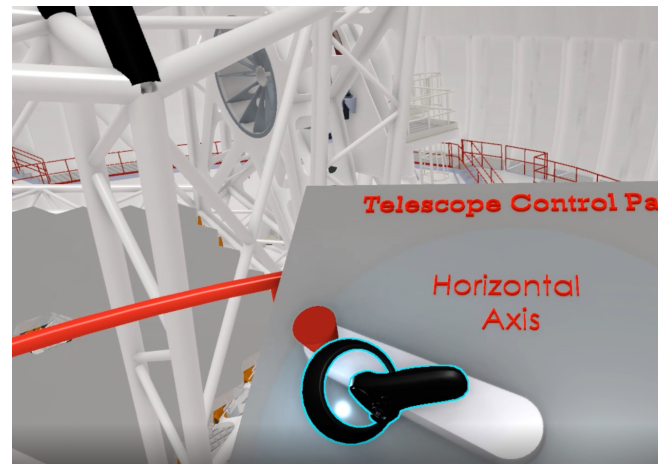


Model supplied by ALFI Technologies

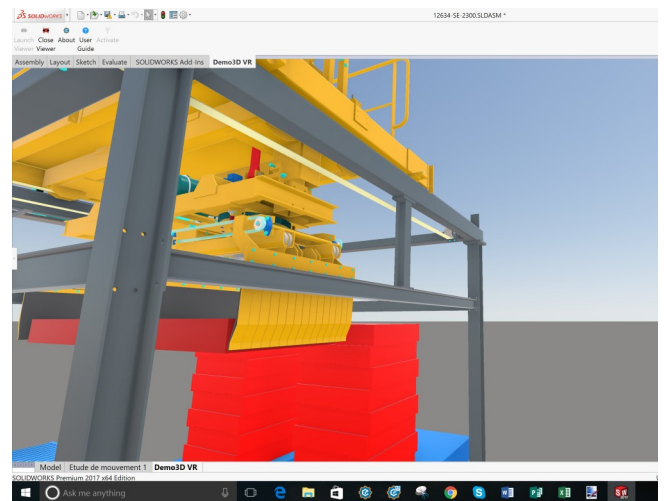
Demo3DVR for SOLIDWORKS

Experience Your SOLIDWORKS Models Interactively in Virtual Reality

Demo3DVR for SOLIDWORKS is an add-in for SOLIDWORKS which enables you to view your CAD in the virtual world of the Vive, the Rift, or any Microsoft standard MR headset at the click of a button. Just put on the headset and you are in a virtual world with your CAD, ready to move around large systems, interact with and closely inspect small mechanisms. Position articulated joints and operate equipment you can easily mark up in SOLIDWORKS using the Demo3DVR add-in, and present your prototypes interactively. Use the controllers to teleport around inside your modelled solution, change scale to suit your viewing preferences, manipulate objects and drive linked mechanisms within the model. You can look around and underneath objects, climb on them, and even walk through things – the virtual environment offers possibilities which are not available in the real world, and which help you to get your job done more effectively. Carry out modifications to your design within your SOLIDWORKS build environment, then click the VR button to refresh the virtual world.



Operate linked mechanisms you've set up in SOLIDWORKS using the Demo3DVR add-in



Explore your CAD and teleport around it within the virtual environment

Demo3DVR for SOLIDWORKS

- Explore your SOLIDWORKS CAD in a virtual environment
- Mark up your model with hinges, linked mechanisms, and constraints
- Activate mechanisms, hinges, and sliders, then reset with a button click
- Teleport around inside layouts using the Vive, Rift, or MR Controllers
- Change scale to suit your viewing requirements – including Full Scale, Tabletop Mode, and Floor Layout
- Change your design in SOLIDWORKS, then refresh the VR view



Call 801-923-3316 or email info@demo3d.com
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HIGHLAND, UT 84003

www.demo3d.com



See more - search for Emulate3D



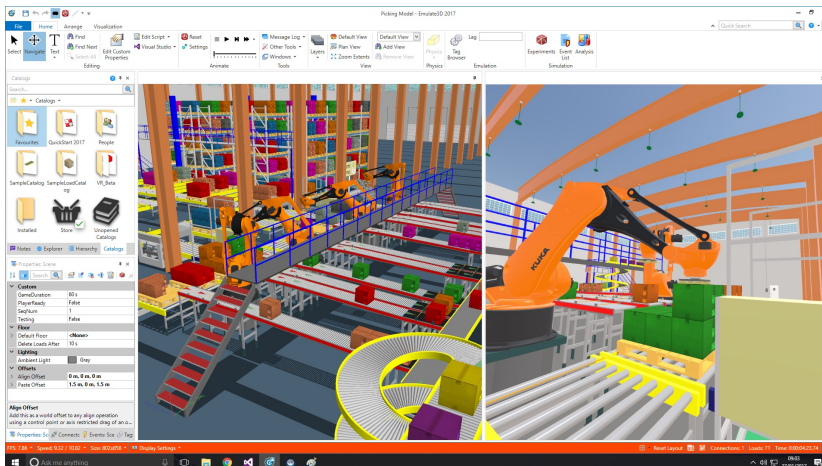
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Take your Virtual Reality Experience to the Next Level with Demo3D

The Demo3DVR world is immersive and convincing – it's easy to see and explore all the details of your CAD project, whether it's a large system or a small object – you can change the scale and teleport effortlessly around to ensure you've seen it all. There's never been a better way to present your solutions to clients - you can see on your monitor what they are experiencing in the headset, so you can talk them through it as they discover your work in the VR environment, and interact to open doors and drawers, and even operate mechanisms.

Emulate3D technology takes virtual reality further with Demo3D, where you create running models of your proposed automation systems from catalog elements which can include your imported CAD. Add scripted behaviors to your designs and they'll respond appropriately to the arrival of loads or products in the model. Demo3D adds dynamic reality to your models, and you can interact more with the system using the controllers in the virtual world. Push buttons, pull levers, pick up and move products, even use tools—it's all possible within Demo3D. Once inside the Demo3D virtual world, you can be joined by clients and colleagues in other offices and present your work to them, and train operators, interactively.



The split screen shows Demo3D running on the left, with the Virtual Reality view seen by the headset wearer on the right

How do I implement Demo3DVR?

- Demo3DVR for SOLIDWORKS is a standalone SOLIDWORKS add-in
- Demo3DVR installs easily and creates a VR button in the SOLIDWORKS menu
- Simply click on the VR button in SOLIDWORKS to activate the VR headset and start the Virtual Reality viewer in the SOLIDWORKS window
- Use the VR/MR Controllers to teleport or climb around the model
- Use the VR/MR Controllers to change scale to suit your viewing requirements – Including Full Scale, Tabletop mode, floor layout
- Manipulate SOLIDWORKS CAD objects within the viewer

To buy your Demo3DVR for SOLIDWORKS, please go to the Emulate3D website. The wait is over - it's here, now, and it's amazing.

Contact us to discuss your requirements and for further information.



Microsoft HoloLens



In the Demo3D Virtual World you can pick things up, and even use tools



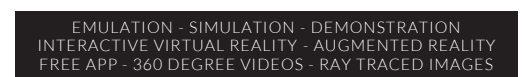
Samsung Gear VR



Google Cardboard



Oculus Rift



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