STEP INTO A VIRTUAL WORLD WITH ACTIVEWALL

Virtalis believes that advanced visualisation and VR’s significant benefits are the key to optimising all working practices. That’s why we developed ACTIVEWALL, an installed, immersive, interactive 3D visualisation system that is the industry benchmark for both price and performance.

As with the other systems in the ACTIVEWORKS range, ACTIVEWALL combines best in class technology. ACTIVEWALL is Virtalis’ best selling interactive 3D visualisation system and probably the best selling VR system in the world. You can find them all over the globe and they are as popular with academics as with industry. Our large screen display systems are scalable and easily upgradable and our users consider them extremely cost effective to run and virtually future proof.

ACTIVEWALL provides a wholly immersive and interactive fixed visualisation and VR installation in which to better explore and understand information and data. These environments stimulate intra and inter-disciplinary communications, facilitating a level of understanding often unattainable using conventional methods. Our clients repeatedly tell us that the improved understanding our systems bring is truly transformational to their design reviews, manufacturing processes, training programmes and marketing efforts.

“ActiveWall enables us to have brighter images for a more affordable price. Virtalis is a supplier we know and trust, so we sought its advice on our upgrade path”.

Margaret Horne, Director of the School of the Built and Natural Environment Visualisation Centre, Northumbria University.
ACTIVEWALL
draws on active stereo technology and features a custom screen, specialist computer, Virtalis custom software and powerful projectors. Movements within the ACTIVEWALL environment are tracked using a tracking system. This added functionality alters the perspective of the visuals according to the user’s position and orientation within the scene. The hand held controller allows the immersive experience to be enhanced further. The user can navigate through the virtual world, pick and manipulate component parts in real time and make decisions on the fly.

“Our ActiveWall in Belgium is so intuitive to use, there is no need for a dedicated VR expert to run it. The technology’s accessibility allows our users to work hands-on. With the help of Virtalis’ design expertise and high-level components, CNH is able to dedicate time to the important goal of world class design and productivity”.

Kezhun Li, Head of Digital Prototyping and Simulation at CNH, an agricultural and construction equipment manufacturer.

ACTIVEWALL uses high brightness, high frame rate, active stereoscopic 3D three chip DLP projectors in single or multiple, blended channels to give the right resolution for your application. Systems can be rear or front projected and use high quality PC workstations, ACTIVEWORKS3D eyewear, head and hand tracking, installation and support. The system can cope with all screen shapes and sizes by digitally adjusting the images to fit to the screen before they are sent to the projectors. The system’s size, shape and resolution are flexible and scalable. Additionally, an ACTIVEWALL can be linked to other ACTIVWORKS systems so that remotely located participants can interact together simultaneously in the virtual scene.

Our ACTIVWORKS visualisation systems form the technological core of our advanced visualisation installations and stereoscopic 3D display systems. Virtalis software and services bring subtlety to models and animations, as well as supporting CAD software for real-time interactive and collaborative design reviews, even offering high-resolution digital stereo movie playback at very high bandwidth.

BENEFITS:
- Affordable Virtual Reality
- Professional quality
- Scalable
- Immersive, interactive and collaborative
- Virtalis experience and support

A RANGE OF:
- Projector specifications
- Screen sizes and materials
- Tracking technologies

INSPIRE, INVENT AND INNOVATE
WITH VIRTALIS TECHNOLOGY

SENSE, EXPLORE, UNDERSTAND

Virtalis is a world leading Virtual Reality (VR) and advanced visualisation company. Our systems and solutions give you the chance to really understand your information and your data, to interact with it and to foster communication. Whatever your industry or role, we can prove that advanced visualisation, simulation and VR offer a valuable return on investment. We will arm you with an essential set of tools to improve your competitive position, make your life more efficient and reduce your risk.

MAKE VIRTUAL A REALITY