

P24 - Immersive Virtual Reality for farm building

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CAVE system : Cubic Autonomic Virtual Environment

Applications : farm building 3D models from CAO softwares data : Autocad, Archicad, Revit, Sketchup, 3DS Max, Solidworks, Catia ...

Real time 3D immersive and interactive visualisation at scale 1.1

Workspace ergonomic validation

Farm building architecture, space-planning

Space optimisation

Gesture training

Process training

Help with the decision making

Marketing, Communication

REALYZ, Chambre d'agriculture 53, FDSEA 53 and DELAVAL have work together in order to make a full-scale immersive and interactive Virtual Reality experience within the installation of a milking parlor in bovine building
Actions conducted:

- Chambre d'agriculture 53: Building 3D modelisation and application

- DELAVAL: Milking parlor 3D model

- FDSEA 53: scenarisation and experience financing

- REALYZ: scenarisation, application development, immersive and interactive Virtual Reality System set up, technical support, public hosting and demonstration

Principle: farmer simulation in his own worpace with an ergonomic approach and the possibility to validate the height of the pit compared to the wharf and with a securitary approach on the risks zones (man passage, bovine passage, vehicles passage...)

During the farming fairtrade SPACE 2016, SODALEC – SODIS company has solicited REALYZ to present two porcine and poultry farming building of 1800 square metters with a simulation and a highlight of their own products (ventilation, haze, lights)

Actions conducted:

- SODALEC DISTRIBUTION - SODIS: Building 3D modelisation, scenarisation, application financing

- REALYZ: scenarisation, application development, immersive and interactive Virtual Reality System set up, technical support, public hosting and demonstration

Principle: Virtual visit of the two buildings and test of SODIS products. Realistic simulation with real time 3D animation of the ventilation, motorization, haze and light systems. Presentation of a SAS space optimisation with a securitary, hygienic and ergonomic approach

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