

ARVETI4.0 –

Project partner:



IES POLITECNICO de VIGO

LTTA2: Examples of industrial applications of VR headsets:

Validation of design in a Multiuser platform. Xion Metaverse

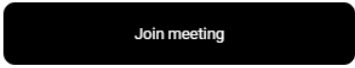
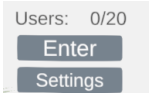



TASK: Validate the design of a machine in a collaborative meeting using Xion metaverse.

Meta/Oculus-Quest 2 headset, laptop with Xion Hub software, Oculus Link and Steam installed, cables, screen





Instructions:

I. Enter in the virtual environment of Xion metaverse with the headset, explore, interact with the CAD design and meet with other participants inside the VR environment.

Step 1	Connect the Meta-Quest 2 headset via Quest-Link with the laptop. You could use air-link or cable-link.
Step 2	Start the software Xion Hub and enter in the meeting where you were invited. Click on 
Step 3	Wait until to have the room ready. Then click enter to meet the other participants in the room. 
Step 4	On your left hand you have a watch. Select it with the right controller to open the tools menu. 



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<p>Step 5</p>	<p>In the Eye icon open the tree of the CAD design and click to visualize the CAD files.</p> 
<p>Step 6</p>	<p>Move around your design and interact with the different participants inside the metaverse space.</p>
<p>Step 7</p>	<p>Measure some distance with the icon</p> 
<p>Step 8</p>	<p>Use the section tool to see inside your design.</p> 
<p>Step 9</p>	<p>Hide some part from the assembly.</p>
<p>Step 10</p>	<p>Paint notes to comment with the other participants.</p> 
<p>Step 11</p>	<p>Upload some pdf file and show to the other participants.</p> 