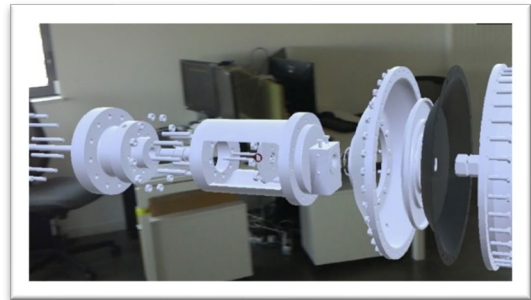




HOLOREKA

* **HOLOREKA**, developed by **OREKA Ingénierie**, is an application using **Augmented Reality**. This application, loaded in **HoloLens** glasses, allows to validate a project, control a building site...



The application presents the 3D model of your project as a hologram and allows you to overlay it or place it in the real world to :

- **Visualise** the integration of the element studied in its future environment;
- **Validate** its location, accessibility and maintainability before launching the work;
- **Check** the implementation by superimposing the virtual on the real in order to identify any discrepancies;

With **HOLOREKA**, you will be free to show or hide the elements and/or the corresponding data of the 3D model, assign them a number, adapt the scale (from 5% to 400%), assign an OK / Not OK status to each element...



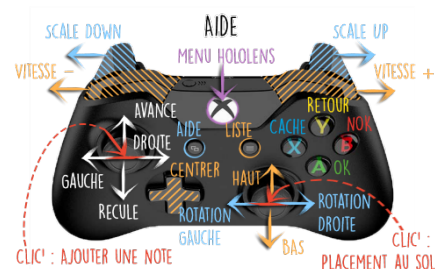
Many additional features can be added to **best suit your needs** (e.g. displaying metadata, uploading and viewing documents, taking measurements, communicating remotely...).

HOLOREKA is provided with a tutorial and an operating mode that will allow you to get started easily. However, a specific training module can be created to meet the needs of your teams.

Load the FBX file into the HoloLens



Take control



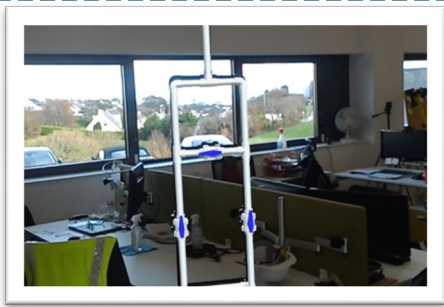


Basic package

- User input via Bluetooth controller ;
- FBX file loading ;
- Moving the 3D model ;
- Rotation of the 3D model along the Y axis ;
- Modulation of the speed of rotation and movement ;
- Displaying a help interface ;
- Hide an item and make it reappear ;
- Downscaling the 3D model ;
- Ground positioning of the model ;
- Centring the 3D model in relation to the user ;
- Assigning an ID to an element ;
- Changing the 3D model without leaving the application;

Premium Pack

- All options in the Basic package;
- Move according to the user's vision ;
- Loading and displaying user editable metadata (file, TXT) ;
- Loading and analysing a CSV file (Excel) to display metadata;
- Filtering of elements present in a CSV file ;
- Viewing the metadata ;
- Selection of elements and assignment of user-defined states ;
- Saving report modifications in a CSV file ;
- Resume working from the saved CSV file ;
- Cutting plane can be moved along several axes;
- Reading documents (XLS, XLSX, PDF, BMP).
- Calculation of the delta distance between two element positions ;
- Assembly/Disassembly mode in both directions;
- Reading/Writing the Edit List on the HoloLens ;
- Assistance with setting up with three markers



You will also like :



Headset HoloLens 2



Headset Trimble XR 10

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