eShare for HoloLens (PB6)

CADMATIC eShare for HoloLens is an app that allows the user to interface Microsoft HoloLens* with CADMATIC eShare. It offers an entirely new interactive design and engineering experience in augmented reality where digital 3D models reside in the real-world environment.

Key Features

- Load models from the eShare server and use them offline.
- Align 3D model with existing environment.
- Load and visualize object data from eShare or any connected system.
- Measure distances between digital items, digital and real items, or just real items.
- Shared experience for collaboration in multi-user environment.
- The app is free of charge for users of CADMATIC eShare version 2018T3 and higher.

Main Benefits

- Full experience of AR and possibility to review digital design data on site: the users can align the model with the actual installations and see proposed changes or future designs on top of the existing environment.
- For on-site work, users can download models for offline use and bring it to the building site.
- Complete mobility in project review on site – does not require cable connection to computer or laptop.
- The scaled model can be viewed on a meeting room table, or the user can walk through the full-size model in an office or any open space.

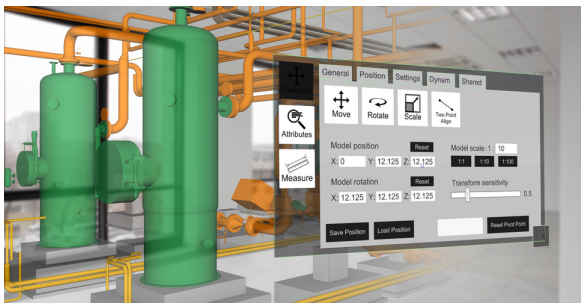
Facilitate Project Reviews in AR

CADMATIC eShare for HoloLens aims to facilitate project and design reviews in AR. It assists construction status supervision and the comparison of design projects with as-built situations. It also helps users to show future project designs during discussions with owners, operators and EPC contractors and provides the possibility to ensure good ergonomics as well as the training of maintenance and operational staff already during the design phase.

The user can walk through the full-size model in an office.

3D Model and Data from eShare in AR

CADMATIC eShare for HoloLens provides a new way of utilizing eShare data. It includes tools for loading the 3D model from the server and using it offline, scaling, moving and aligning the model with real objects, showing attribute data and taking measurements.



The 3D model with its associated data.

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