



UniversalPlantViewer

Use Cases: A free viewer for your 3D model and data

CHALLENGES

1. All stakeholders should have access to the same up-to-date model, the model should be also available when there's currently no online connection
2. Plant models need to be available on multiple hardware and software platforms
3. Joint model reviews of EPCs and Owner-Operators (to check the design progress, clashes etc.) should be easy for both sides
4. Pipelines need to be reviewed in a convenient way
5. Reading isometrics is sometimes difficult

SOLUTION

UniversalPlantViewer

1. Allows all stakeholders can access the model from a central source (e.g. intranet server), a download to the local device is possible (i.e. offline mode)
2. Is available for Windows, Android, iOS and browsers that support the Unity plugin. It supports touch, mouse and keyboard modes, the GUI is identical on all platforms.
3. Provides the necessary flexibility by supporting several source systems, hard- and software platforms to make joint model reviews of EPCs and Owner-Operators an easy task. Additionally, the content of the viewer session can be reduced and restricted in several ways to protect your IP.
4. Allows to follow a pipeline step-by-step, the pipe line can be also cropped out and coloured (e.g. based on the fluid code) conveniently
5. Isometric drawings can be linked to the 3D model on the part level, reading these drawings on-site gets easy.



About CAXperts

Our mission is to improve the productivity of our clients by simplifying key tasks and processes. To achieve this we use our detailed knowledge of engineering systems and work processes to deliver engineered efficiency. Learn more at www.caxperts.com

Contact & information:

CAXperts GmbH Carl-Zeiss-Ring 4 www.caxperts.com/sx
 P.: +49 89 96 97 72 0 85737 Ismaning – Germany info@caxperts.com

