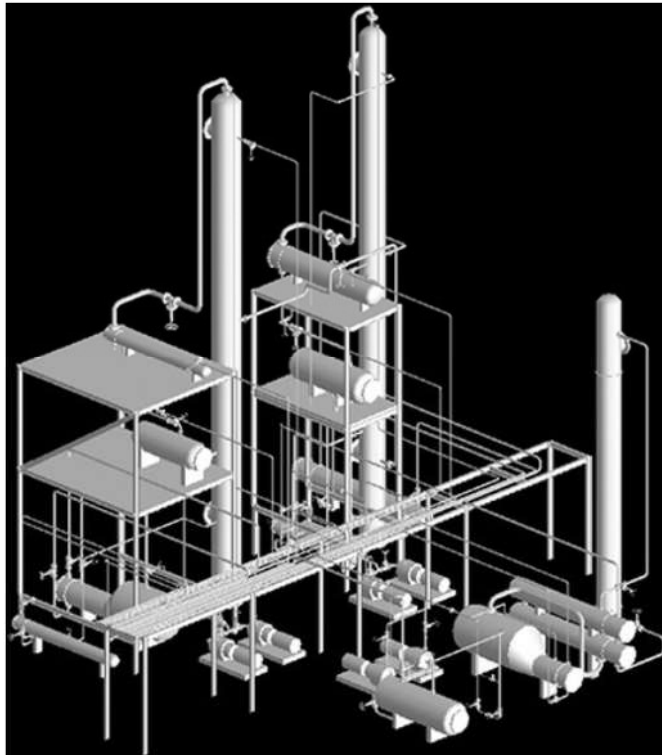
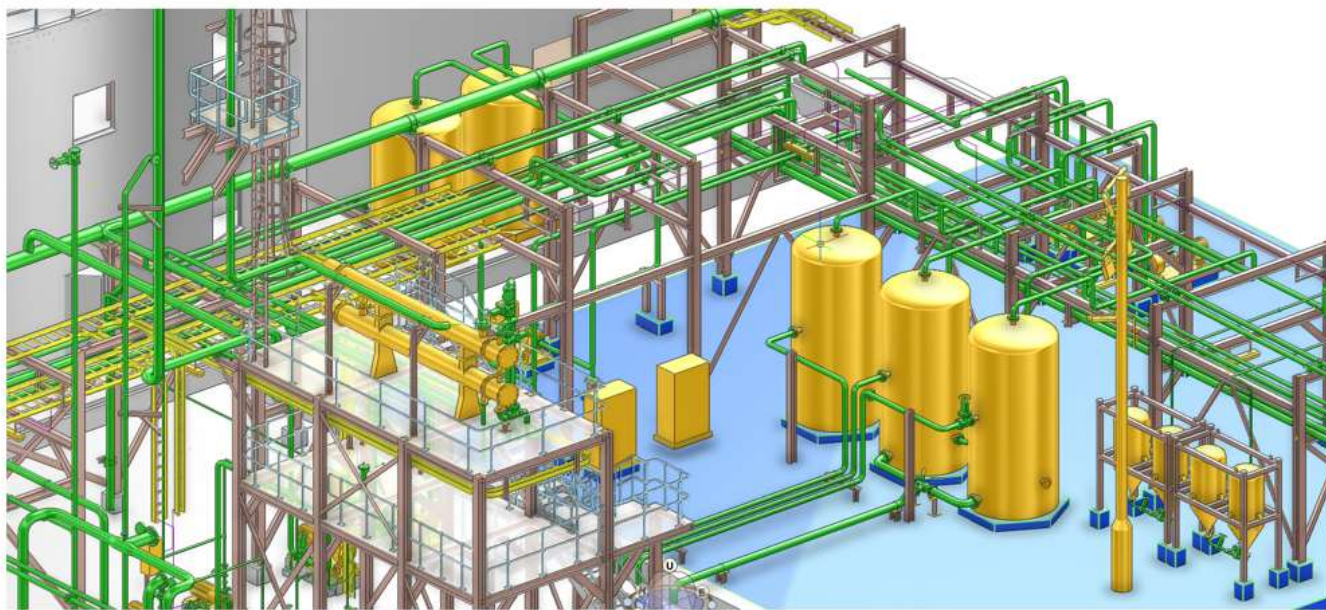


**CEN4417**  
**PROCESS DESIGN I**

## **3-D PLANT MODELS**



**Isometric** View of Preliminary 3-D Plant Layout Model for Dimethylether (DME) Process (**Aveva PDMS Software**)



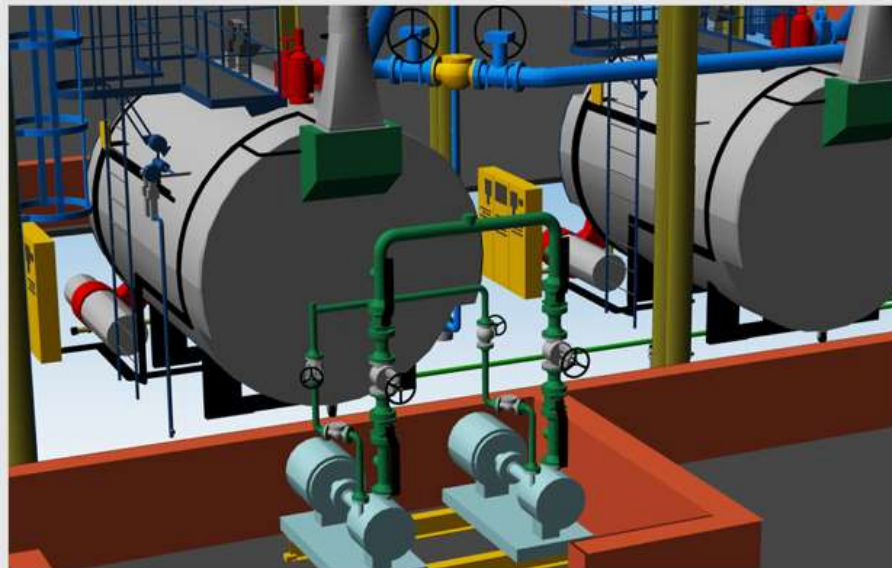
Aveva E3D™

Source: [https://help.aveva.com/Aveva\\_Everything3D/2.1/GS/images/GSPDMS\\_00002.png](https://help.aveva.com/Aveva_Everything3D/2.1/GS/images/GSPDMS_00002.png)

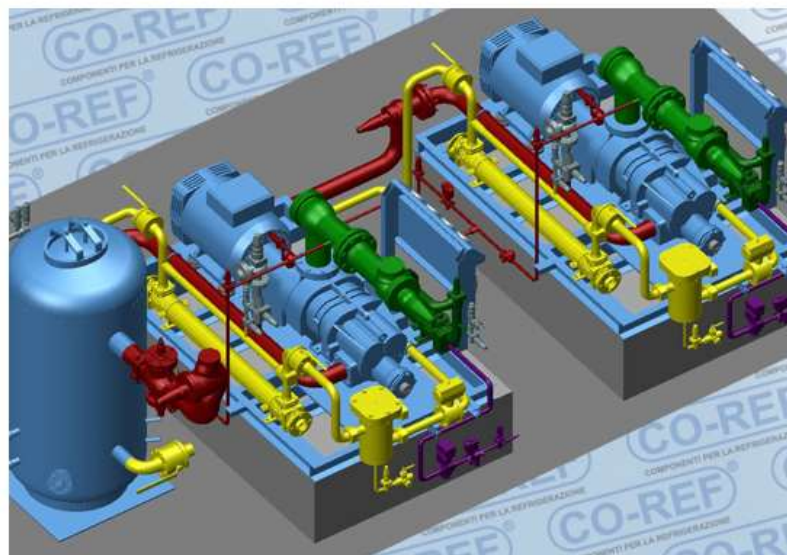


Computer-Generated Image of a Horizontal Drum (**Invensys Systems Inc.**)

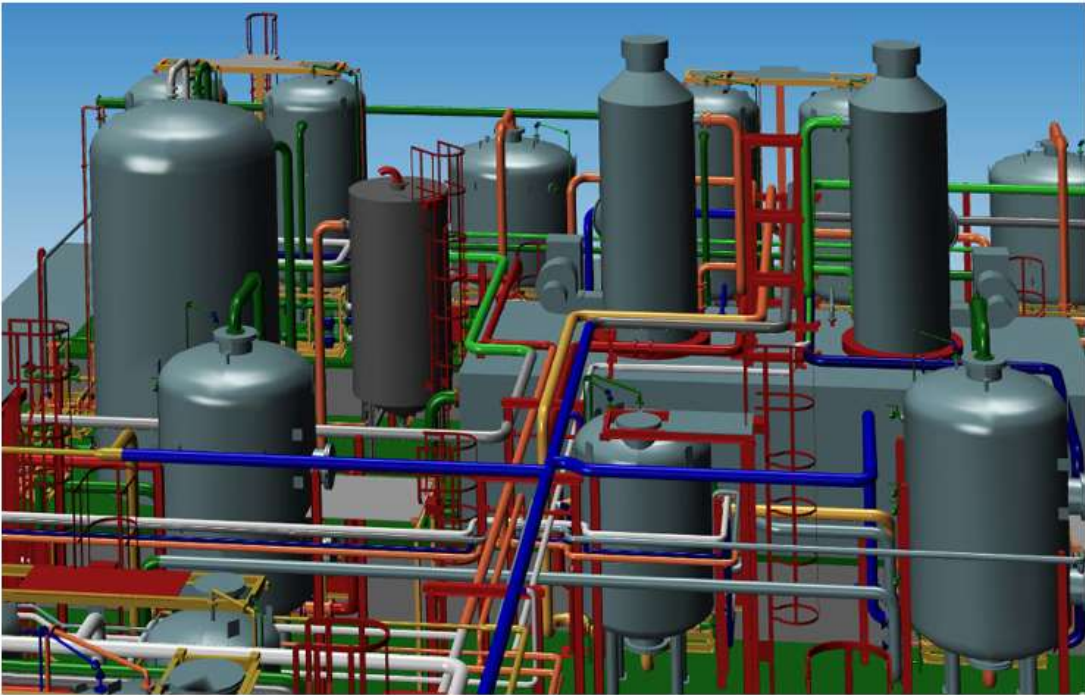
Source: R. Turton et al. Analysis, Synthesis, and Design of Chemical Processes, 5th Ed.



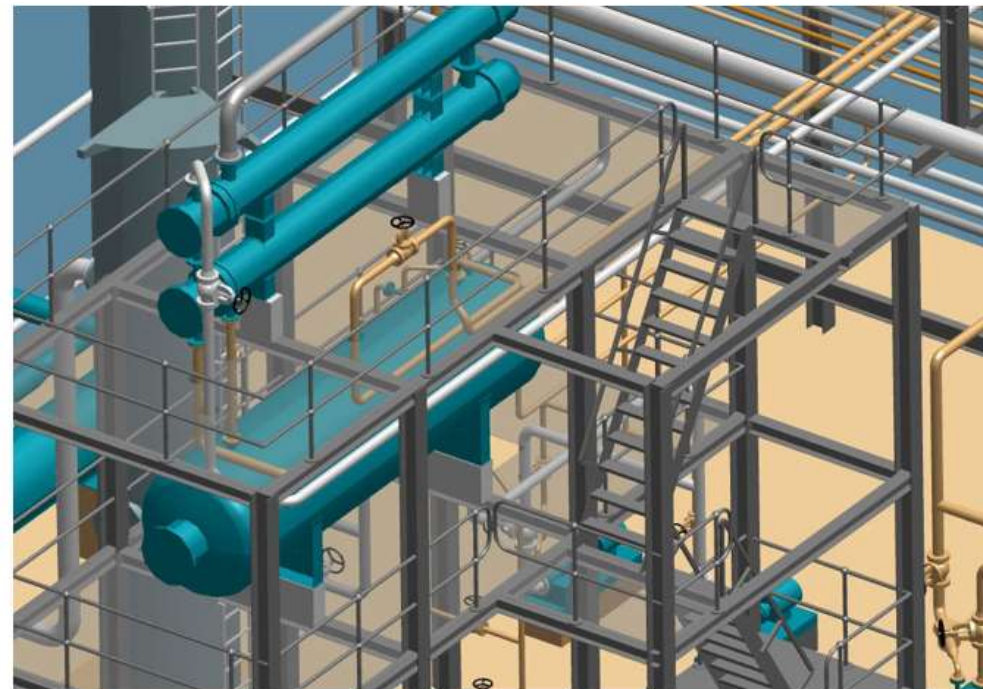
**CAD Schroer M4 Plant**



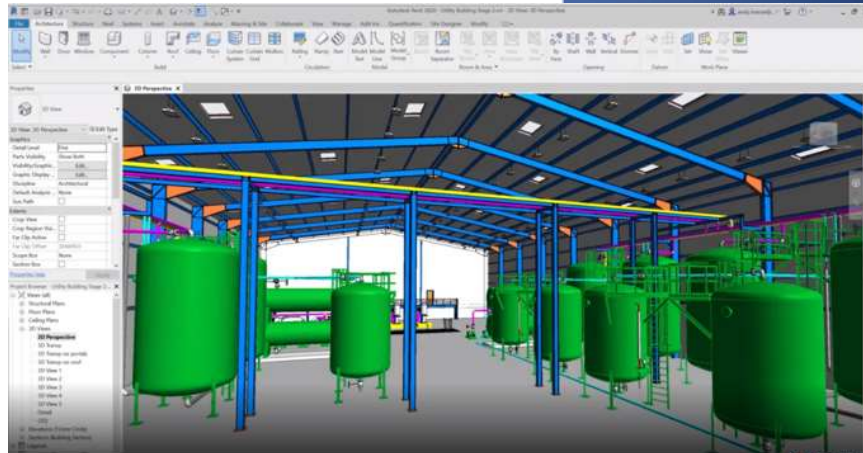
Source: [cad-schroer.com](http://cad-schroer.com)



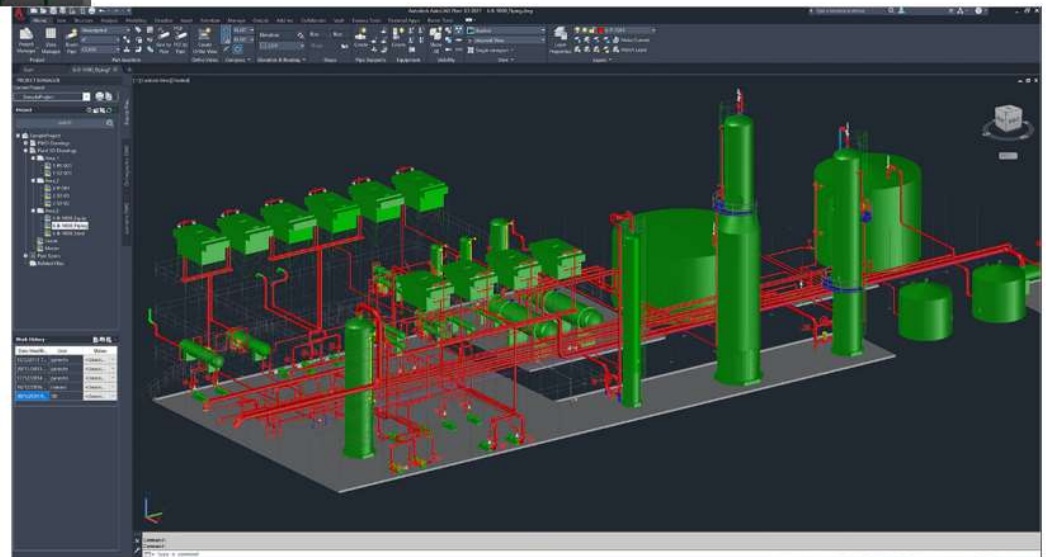
## CAD Schroer M4 Plant



Source: [cad-schroer.com](http://cad-schroer.com)



## AutoCAD® Plant 3D

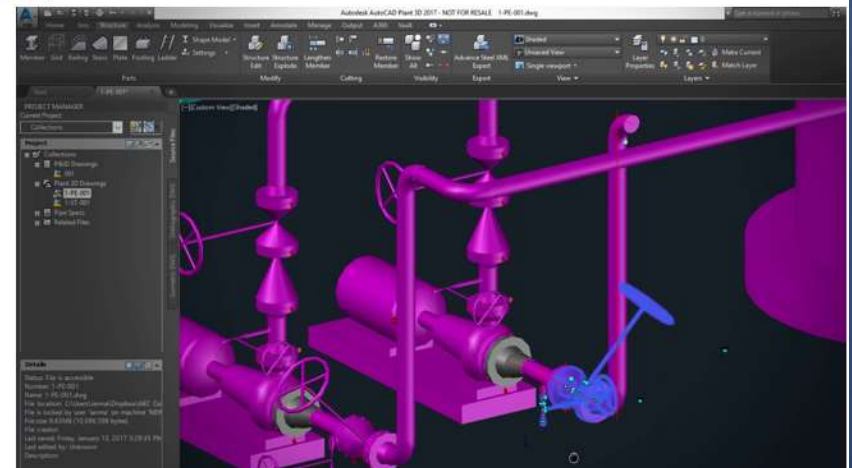


Source: <https://www.autodesk.com/products/autocad/included-toolsets/autocad-plant-3d>





## AutoCAD® Plant 3D



Source: <https://www.autodesk.com/products/autocad/included-toolsets/autocad-plant-3d>