

# End-to-end 3D Modelling Solution



ClearEdge3D, USA, has officially launched EdgeWise Plant 4.0, with numerous major new features and enhancements that have created one of the fastest end-to-end pipe modelling solutions on the market. The software automates the 3D modelling of complex process plant facilities, cutting up to 85% of labour from the modelling workflow.

Robert Greenhalgh, Ramboll Oil & Gas, used the software on a recent North Sea offshore project. They reduced their 3D modelling time substantially with EdgeWise Plant 4.0. Building standard pipe fittings on top of the powerful automated tools makes 4.0 a complete pipe modelling package, he said.

The new features and enhancements in EdgeWise Plant 4.0 include, among others, better automated pipe extraction algorithms automatically model up to 90% of the pipes in a project, dimensionally-accurate component placement from 4.0's extensive new specification-driven component library and billion-plus point cloud visualisation engine gives a high-definition view of the project

Chris Scotton, ClearEdge3D's president & CEO, stated that the new tools in EdgeWise Plant 4.0 make the software a true field-to-finish pipe modelling package. The improved extraction algorithms along with the component catalogue, custom spec editor and extensive finishing tools redefine the man-hours required to model complex pipe geometry, Scotton added.

Kevin Williams, ClearEdge3D's founder and chief scientist, regards it as by far their most ambitious software release ever. The speed it delivers to the modelling workflow can change the economics of 3D modelling. Customers are reporting savings of up to 85% over traditional modelling methods, he continued.