CLEAR**EDGE**3D

"EdgeWise Plant saved us over 240 man hours on a recent modeling project."
James Earl, Managing Director, OR3D, Ltd.

EdgeWise Plant

Create highly accurate 3D models with 75% fewer man-hours.
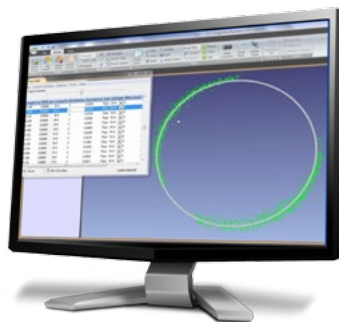
Now with PDMS integration!

EdgeWise Plant offers a host of new features and tools to bring you from field-to-finish faster than ever before. Better automated extraction, spec-driven fitting placement, billion-point visualization, and exacting quality assurance tools all combine to make this release a true end-to-end modeling solution. Customers report substantial workflow savings of up to 75% with **EdgeWise Plant.**

Spec-driven Valve, Flange Placement

Easily insert dimensionally accurate valves, flanges, reducers or other components into a pipe run based on an industry specification table or a custom user-defined table.

Billion Point Visualization Engine

The new **EdgeWise** point cloud visualization engine has the ability to show billions of points in a single scene.

Enhanced QA Tools Ensure Total Accuracy

EdgeWise quality assurance tools allow you to check the accuracy of extracted pipes to ensure your model is true to the point cloud. Poorly fitted pipes can be easily resized and adjusted to the points to give you precise control over the accuracy of your model.

New Algorithms Pull Out Nearly Every Pipe – Even the Small Stuff

EdgeWise algorithms have been fine-tuned to extract even more pipes from point clouds automatically. Up to 90% of the scene can be extracted—even small pipes—saving you countless hours of manual modeling.

Edgwise Plant

Fast Finishing Tools for Quick Completion of Occluded Pipes

Occlusions in pipe runs can slow down your workflow and add hours to your modeling project. ClearEdge has created completely new algorithms that will accurately connect occluded regions of pipe, join elbows and move your workflow along in record time. Any missed pipes can be easily extracted from the point cloud using our fast manual extraction tool.

Export Pipes to Layers or Levels

Pipe runs can easily be tagged and exported directly to the designated AutoCAD, MicroStation or Cyclone layer or level, saving you additional hours of tedious layer manipulation.

EdgeWise Plant Workflow

Step 1: Import Point Cloud
EdgeWise can process numerous formats including: .fls, .ptx, .ptg, .zfs, and .rsp.

Step 2: Extract Pipes
Up to 90% of the scene can be extracted automatically — even small pipes.

Step 3: Confirm Accuracy
New QA tools to verify accuracy of the extracted pipes against the point cloud.

Step 4: Edit, Add Components & Finish
EdgeWise Plant's spec-driven component library allows you to place valves, flanges, or other fittings into the model. Fast pipe editing and finishing tools help you complete the model in record time.

Step 5: Add Intelligence & Layers
New SmartSheet™ technology captures key pipe intelligence in an easy-to-edit worksheet.

Step 6: Export Directly to PDMS, AutoCAD, MicroStation or Cyclone
EdgeWise Plant is fully integrated with most of the major pipe design, facility management and CAD platforms. Our plug-ins allow you to bring the EdgeWise intelligent models directly into PDMS and any CAD application.

Gain Competitive Advantage

EdgeWise Plant saved us over 240 man hours on a recent modeling project, with the automated results being spot on. There's no way, we could have provided a competitive quote without using this software.

James Earl, Managing Director, OR3D, Ltd.

To arrange a demonstration or request more information, please contact: **sales@clearedge3d.com | USA: +1 866-944-8210**

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