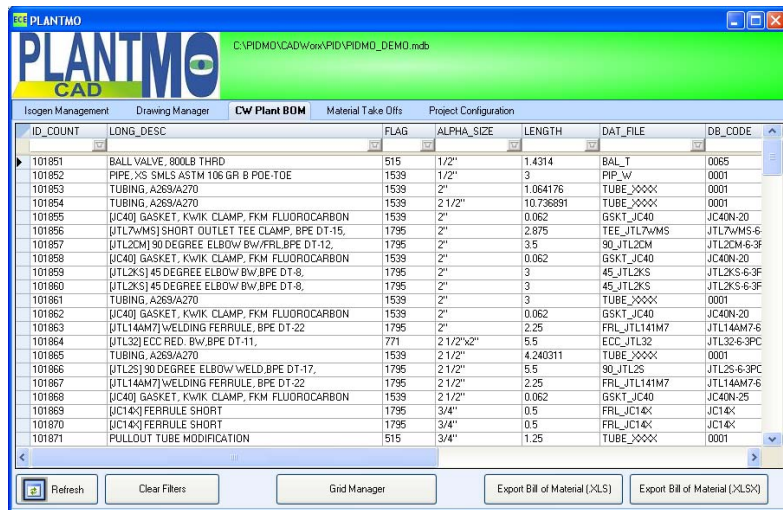


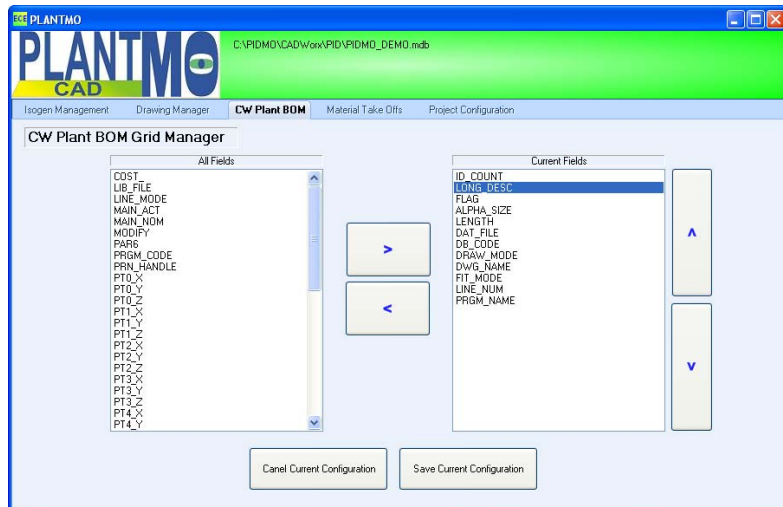
Providing CADWorx users a feature rich tool that reduces the time to produce bill of materials (BOMs) and isometric deliverables

Leveraging 3D Model Data with EASY Excel Worksheet BOMs!

PlantMO-CAD provides easy to use filtering so users can generate custom BOMs in Excel across an entire project...

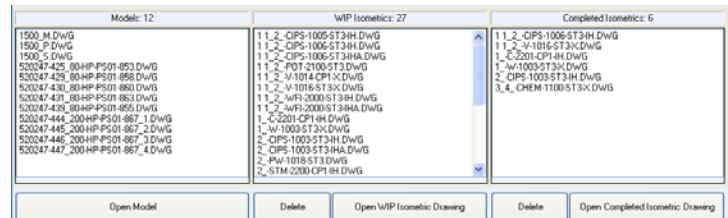


Using the Grid Manager, the reported data is defined by the user to ensure it meets the requirements of the project...

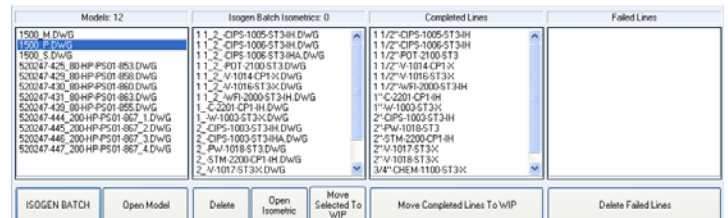


Isometric Deliverables Made EASY!

File Management - PlantMO-CAD provides easy access to project model drawings and isometrics drawings so CAD Operators can open and delete them from one interface. This Eliminates the time spent browsing for CAD files.



Isogen Production Module - PlantMO-CAD streamlines isometric drawing production by batching isometrics and then controlling the workflow with those drawings!



Isogen Post-Processing Module - PlantMO-CAD automatically updates AutoCAD block attributes and can rename filenames. Drawing updates are driven from an Excel file (e.g. Line List).

Post Process WIP Isometrics Drawings

Rename: Drawing - Line Number; Replace: Attributes

Rename: Drawing Number; Replace: Attributes

Replace: Attributes

CADWorx Users can now use standard Title Blocks on Isometrics and rename Isometric files automatically to integrate with document management systems, improve revision control and maintain CAD Standards!

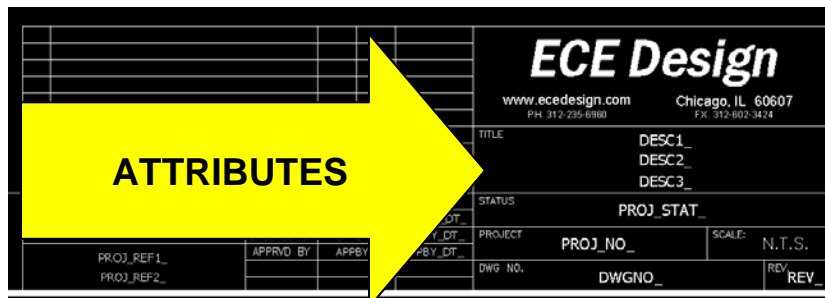
Integrating with CADWorx Plant & Isogen

AutoCAD Block Attributes in Isogen

PlantMO-CAD automatically updates AutoCAD Block Attributes within isometric drawings produced by CADWorx Plant.

That's right – ISOGEN with PlantMO-CAD can now employ STANDARD Title Blocks.

What's in your Isogen Titleblocks?



Performance Improvement

ECE knows how to improve design performance and has built this knowledge into PlantMO-CAD. You will realize immediate productivity and quality results on your very first project.

- Automating Drawing Updates
- Improve Drawing Information Entry Methods
- Centralized Model and Isometric Management
- Improve Revision Control

Contact us to learn more about how PlantMO-CAD can be integrated with existing company processes to improve overall project performance.

Return on Investment Scenario

Problem: You've just produced 500 Isometrics drawings, but the drawing filenames and title block attributes must conform to the clients' CAD Standards

What does this cost now?

Rename Files: 500 x 1 min = 8 hrs
 Populate Title Blocks: 500 x 3 min = 24 hrs
Total: 32 hrs x \$50/hr = \$1600

What does it Cost with PlantMO-CAD?

Rename Files: 500 x 1 sec = 8 min
 Populate Title Block: 500 x 2 sec = 16 min
Total: 0.5 hrs x \$50/hr = \$25

Total Savings on first 500 drawings = \$1575

System Requirements

PlantMO-CAD requires minimal computer resources and will run on computers with Windows operating system.

Software Requirements:

- AutoCAD 2009 or later
- Microsoft Excel (XLS/XLSX)
- CADWorx PLANT Professional

About ECE...

ECE Design is a provider of software and services specializing in plant design. ECE assists companies in leveraging the COADE, AVEVA and ADEPT software tools to achieve greater performance gains. From software and productivity training, to implementation services, to providing CADWorx outsourcing services, ECE is committed to helping our clients across North America achieve greater success.



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