

A AUTODESK® AUTOCAD® PLANT 3D

Plant design software

Use Plant 3D to generate P&IDs, and easily integrate them into a 3D plant design model.



→ CAPABILITIES

- In-context AutoCAD commands make P&ID drafting easier.
- Create 3D plant models using parametric equipment modeling.
- Customize piping specifications to meet project-specific requirements.
- Lay out structures, stairs, ladders, and railings using industry-standard steel sections.
- Extract piping orthographic drawings directly from the 3D model.
- Integrates with BIM 360 for project collaboration.

+ BENEFITS & OUTCOMES

Accelerate P&ID Drafting and 3D Modeling

Create and edit P&ID's, 3D models, and extract piping orthographics and isometrics.

- Reduce overall design time
- Minimize errors

Enhance Equipment and Structural Modeling

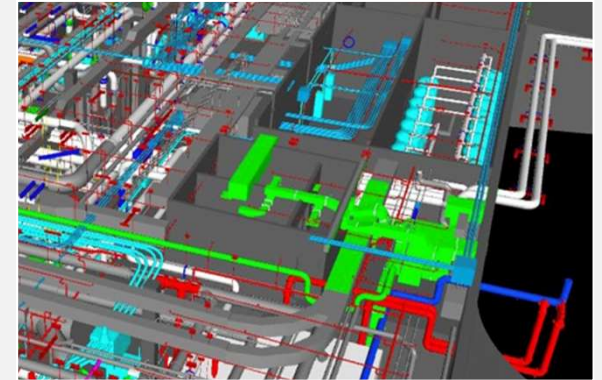
Create and edit equipment using parametric templates. Quickly lay out structures using industry-standard steel sections.

- Speed initial design layout
- Reduce errors and rework

Improve Collaboration

Collaborate on plant design models across project teams from different locations.

- Improve team collaboration
- Manage project complexity



“The Plant 3D integration with BIM 360 provides a single location for all work-in-progress data. The BIM 360 platform has helped increase collaboration and communication with internal and external teams without the need for specialized IT systems.”

— Dave Reed, Technology Manager, Black & Veatch

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