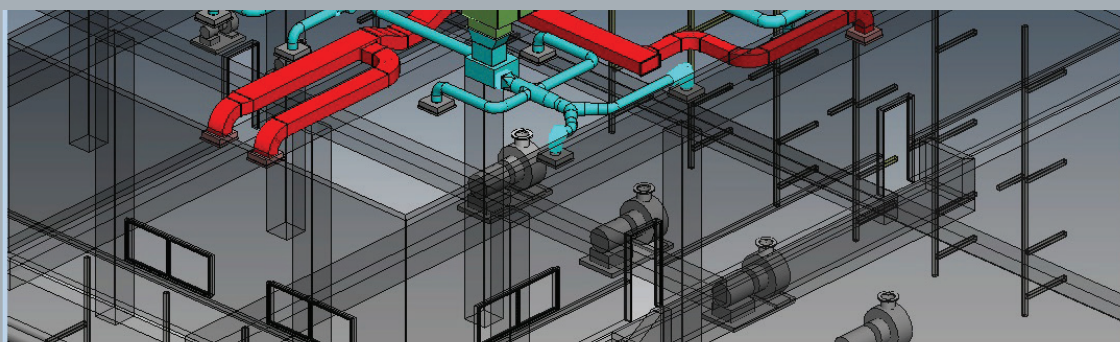




AutoPLANT® Modeler V8i (SELECTseries 7)

Comprehensive AutoCAD-based Plant Design and Modeling Software

AutoPLANT Modeler V8i is a spec-driven, advanced 3D plant design and modeling application. AutoPLANT Modeler combines the capabilities to create intelligent piping, equipment, raceways, and isometrics in one tightly integrated application. It is easy to use, customize, and administer, providing interactive routing and placement in an intelligent 3D multi-discipline environment.

3D Modeling Enhances Quality and Productivity

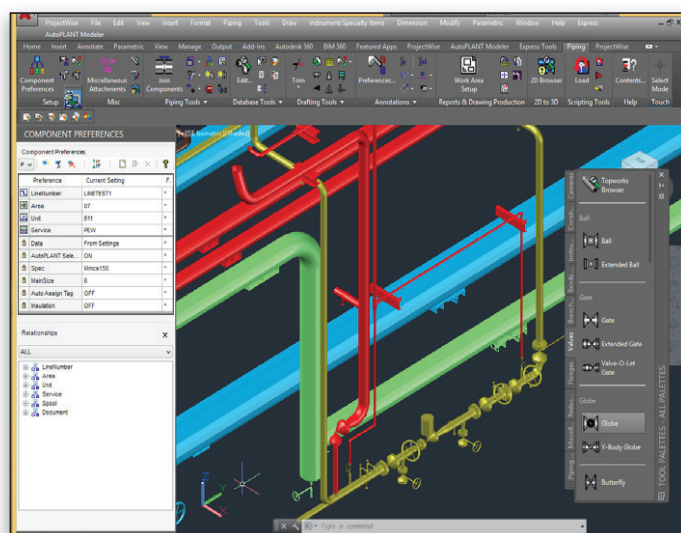
AutoPLANT Modeler models intelligent plant components in a powerful 3D environment. Piping components, equipment, raceways, and drawing-controlled data are dynamically linked to a shared project database, minimizing errors and rework. The shared connection to the project database can be used to modify and revise the component data or generate project reports and deliverables. Component placement is intuitive, and common repetitive tasks are automated. Whether placing piping or raceways in congested plant areas or creating parametric equipment spaced over large areas, automatic placement and orientation maximize productivity. AutoPLANT has always been easy to administer and operate with Project Administrator and other capabilities that make creating and configuring projects easy and fast.

2D Orthographic Drawings

AutoPLANT Modeler produces 2D orthographic drawings with options including single- or double-line with visible centerlines. AutoPLANT Modeler supports the creation of orthographic drawings using paper-space viewports and the export of a 3D model data to produce finished drawings. The Drawing Flattener tool produces flat, two-dimensional drawings including elevations, plans, and sections from the 3D model.

Automatic Piping Isometrics with OpenPlant Isometrics Manager

AutoPLANT Modeler is fully integrated with OpenPlant Isometrics Manager V8i. This enables engineers or other supporting project personnel to automatically create isometric drawings with dimensional, annotation, and title block data in RealDWG format. By managing isometric production through project based rules, the software provides users with a way to easily generate isometrics from within AutoPLANT Modeler or directly from the project database using a simplified interface. The isometric produced by OpenPlant Isometrics Manager is intelligent, including both graphics and associated piping data. This allows users to search and query data within these documents without having direct access to the piping model. Integration with ProjectWise allows finalized isometrics to be posted directly to the document repository with automatic version control.



Piping modeling through AutoPLANT Modeler

AutoPLANT and Bentley Navigator Leverage Dynamic Collaboration for Improved Results

Bentley Navigator allows viewing, analyzing, and augmenting of data in a tightly integrated project environment. Reviewers can use Bentley Navigator to mark up a model and send comments directly back to the designer to review in AutoPLANT Modeler – providing increased accuracy and speed in the design review cycle. Designers gain an added advantage by syncing an AutoPLANT Modeler view with Bentley Navigator to see piping, equipment, and raceway components within the context of the full plant model. This enables them to find and resolve more clashes and optimize layout to save time and money during construction.

Software Integration Provides Information Mobility

AutoPLANT Modeler works seamlessly with other Bentley plant design and data management applications via the shared plant project database. The 3D piping model can be integrated with 2D data using Bentley Datasheets, OpenPlant PID, Bentley Data Manager, or Bentley Instrumentation and Wiring. Powerful validation tools verify the consistency and completeness of the piping design and the PID. Integration of the Bentley plant project database with plant and business systems makes the most of valuable information investments. AutoPLANT Modeler can be integrated with ProjectWise® V8i to ensure information mobility with integrity.

