Treatment Plant Design Solution

OPTIMIZE YOUR TREATMENT PLANT DESIGN

Design efficient and optimized water and wastewater plants with Bentley's Treatment Plant Design Solution. This collection of interoperable and scalable software gives you the ability to:

- Perform 2D and 3D treatment plant design and modeling and create preliminary and detailed design and engineering documentation.

- Use a specification-driven modeling system that matches how a design works.

- Increase project collaboration between building and plant design through the ability to define common gridlines.

- Generate technology-assisted quality review checks across all disciplines.

- Automate common design and engineering workflows with building information modeling (BIM) capabilities.

- Create a treatment plant digital twin to collaborate with multidiscipline stakeholders and gain a single source of truth throughout a water treatment facility's lifecycle.

The solution includes OpenBuildings® Designer, OpenPlant® Modeler, and Bentley Infrastructure Cloud™.
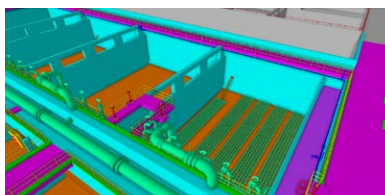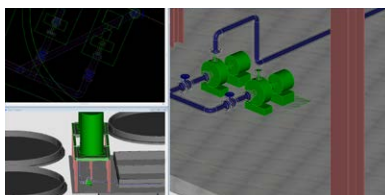
CONNECT YOUR PROJECT WITH A DIGITAL TWIN

With a treatment plant digital twin, you can work in an open, intuitive, and collaborative environment to speed up the design and review processes. Teams can take advantage of best practices to design in context, ensure that all design elements are fully coordinated across disciplines, prevent costly rework, and minimize construction delays and project costs.

GAIN FLEXIBILITY

Design a variety of assets, including:

- Water treatment plants
- Wastewater recovery plants
- Secondary pumping stations
- Desalination plants

KEY BENEFITS

- Improve collaboration
- Save time and reduce costs
- Improve project management
- Take advantage of comprehensive design
- Design in context
- Use an open data model
- Manage quality control to reduce rework
- Incorporate models from any source
- Model piping
- Quickly detect design clashes and track their resolution
- Ensure design constructability
- Include and interact with reality capture data
- Work collaboratively in a connected data environment
- Take advantage of reality modeling

FIND OUT MORE AT BENTLEY.COM

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