Bentley®
Advancing Infrastructure

Treatment Plant Engineering Solution

OPTIMIZE YOUR TREATMENT PLANT ENGINEERING

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

- Perform 3D plant design and ancillary modeling
- Create a treatment plant digital twin to optimize collaborative design
- Collaborate with multidiscipline stakeholders using intelligent digital twins
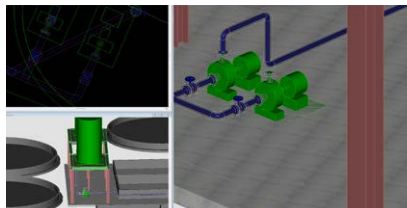- Generate technology-assisted quality review checks across all disciplines

CONNECT YOUR PROJECT WITH A DIGITAL TWIN

A treatment plant digital twin enables you to 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
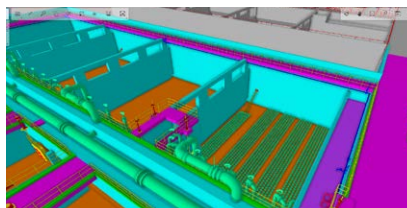
Design a variety of assets, including:

- Water treatment plants
- Wastewater recovery plants
- Secondary pumping stations
- Other complex designs

CHOOSE FROM SCALABLE COMPONENTS

To fit your specific project needs, the Treatment Plant Engineering Solution can include several Bentley applications, such as:

- OpenPlant®: enables you to perform 2D and 3D treatment plant design and modeling.
- ProjectWise®: offers preliminary and detailed design and engineering documentation.
- OpenBuildings®: provides building information modeling (BIM) capabilities for your project models.
- PlantSight: enables a digital twin single source of truth throughout a water treatment facility's lifecycle.

KEY BENEFITS

- Improve collaboration
- Save time
- Reduce costs
- Improve project management
- Design in context
- Manage quality control
- Reduce rework
- Incorporate vendor models
- Quickly detect errors
- Include and interact with reality capture data
- Incorporate data from operations systems and smart instruments

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FIND OUT MORE AT BENTLEY.COM
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