ProjectWise®, powered by iTwin®

Innovate Without Disruption
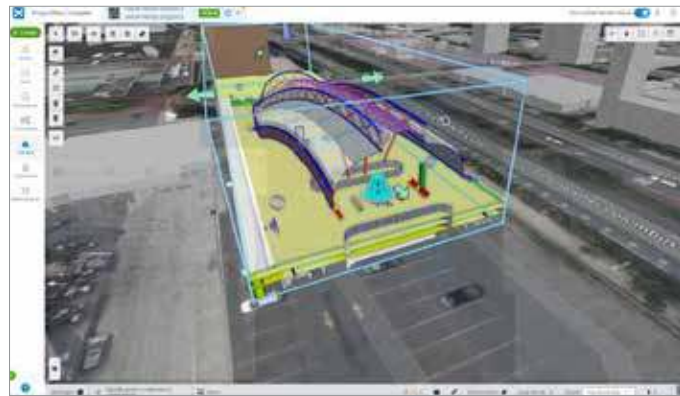
MOVE BEYOND ENGINEERING WORK-IN-PROGRESS

Project delivery has never been more complex. ProjectWise, powered by iTwin, helps organizations move beyond engineering work-in-progress to digital design delivery for more efficient, collaborative, and sustainable infrastructure design.

DO MORE WITH LESS

Take advantage of digital twins and Bentley's infrastructure schemas to leverage data across projects, maximize insight and learning, and reuse your best design components from previous projects. With new tools to make the most of your data, ProjectWise makes it easy to innovate without disruption in the face of today's complexities.

TAKE A DATA-CENTRIC APPROACH

From subsurface and structural to reality mesh and GIS, infrastructure design projects have a myriad of interdependent engineering data from across multiple disciplines. Embracing a data-centric approach to project design delivery unlocks that data and information from file-based deliverables and siloed workflows, enabling structural analysis reviews, clash detection, and other critical processes to be more seamless, more accurate, and near real time.

Built for any size infrastructure design organization, ProjectWise progresses your design portfolio and digital project delivery with a comprehensive, standardized solution to advance your firm beyond the traditional limitations of file sharing and onto a fully integrated design delivery platform.

Benefit from Bentley's success services and innovative functionality, including:

- Digital design delivery
- Portfolio intelligence
- Data governance
- Engineering work-in-progress

Create and synchronize digital twins during design using Bentley infrastructure schemas to align data from multiple disciplines.

The attractive and intuitive homepage with advanced search capabilities ensures that information is delivered quickly to your users.

SYSTEM REQUIREMENTS

MINIMUM: 64-bit Windows 10 or 11, 1 GHz x64 processor, 1 GB of RAM, 1.1 GB of free hard disk space for installation, additional space for the working directory if the working directory will be stored locally.

RECOMMENDED: Additional RAM for improved streaming of point cloud and raster references.

ProjectWise, powered by iTwin At-A-Glance

DIGITAL DESIGN DELIVERY

- Create and synchronize digital twins across the design lifecycle with infrastructure schemas
- Implement collaborative interdisciplinary design reviews
- Mark up PDFs and 3D models via a web browser
- Automate validation of your BIM rules independent of the design application to ensure consistency of quality across the entire design
- Automate clash detections to catch problems early
- Create, track, and resolve design issues, with comments and markups transferring directly across to original CAD application
- Combine engineering and reality data in your models to bring real-world context to your project
- Deliver Internet of Things-ready deliverables using iTwin capabilities
- Use advanced analysis tools help meet client sustainability and carbon requirements

PORTFOLIO INTELLIGENCE

- Advanced searching and flexible hierarchies enable users to readily find information across your portfolio
- Cloud-based digital component center and library services reduces design time from days to hours
- Reusable workflows eliminate risks of mistakes caused by manual errors
- Multiple real-time dashboards help to glean insights and prevent delays

EXTENDED DATA GOVERNANCE

- Role-based access and visual workflows ensure that project information is delivered to the right people
- A secure federated login safeguards your data with access rights based on user identity

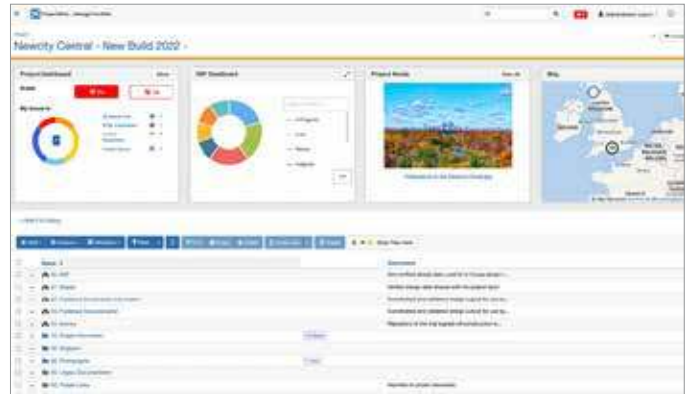- Create and share templates for contributors to use so that information is standardized across projects and your portfolios
- Upload and auto-file multiple documents based on metatags rather than file hierarchies to drive data-centric working
- Contractual communications regarding deliverables, RFIs, and general correspondence are easily managed and retrieved within your project area
- Advanced workflow management to simplify complex workflows to ISO 19650 (or your own) with an easy-to-use visual workflow tool

ENGINEERING WORK-IN-PROGRESS

- Simplify collaboration with integrated co-authoring of Microsoft 365 documents
- Reference file management establishes design consistency across dispersed project teams
- Automatically sync changes across your teams and immediately notify users with managed workspaces
- BIM workflows and ISO 19650 standards ensure compliance with BIM requirements throughout the design process
- Document management maintains trackability of changes and audit trails ensuring accountability, with full version history available
- Availability in the cloud ensures accessibility and reduces downtime

Improve design quality by combining engineering and reality data in your models.

Quickly assess project performance and use real-time dashboards to prevent delays.

Bentley®
Advancing Infrastructure

FIND OUT MORE AT BENTLEY.COM

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