



ProjectWise® Navigator V8i

Dynamic Collaboration for Iterative Project Review

ProjectWise Navigator V8i is used by infrastructure teams to view, analyze, and augment project information. Leveraging the interactive nature of information stored inside Bentley i-models, ProjectWise Navigator enables teams to gain greater project insight and avoid costly on-site errors. In addition, users can simulate project scenarios to resolve clashes and optimize schedules, register comments to enable bi-directional feedback, and produce photo-realistic visualization and 2D/3D PDF's for streamlined communication.



Explore models intuitively

View

Users can open a broad range of file formats for review, explore models intuitively for a better user experience, and manipulate the display of information on screen to improve information interaction.

Open various file types – including i-models, native DGN and DWG files, and overlay DGN files – all with a single software product. Integrate 2D and 3D models with business data to eliminate the need to buy multiple review applications, reducing software costs.

Explore models naturally and intuitively via enhanced tools that improve the quality of the user experience. Move easily around complex models using walk, fly, pan, and rotate commands, and zoom in or out to set the right level of scale.

Manipulate and customize the view display using dynamic views to slice, filter, and section models. Save and recall pre-defined view attributes to streamline model navigation. Improve the speed and quality of interactive visualization.

Analyze

ProjectWise Navigator was purpose built for analysis. Users can quickly find and measure information, simulate different scenarios to improve project insight, and make more reliable decisions in the process.

Find the information behind geometry to quickly leverage business intelligence. Locate components based on key attributes within information rich i-models to save time, advance quality, and improve project insight across all disciplines.

Measure distances, areas, angles, and volumes with complete engineering precision. ProjectWise Navigator and Bentley i-models never compromise accuracy in favor of performance. Information is always faithfully transformed and displayed.

Simulate and resolve clashes in the design phase before construction starts to avoid costly errors on-site and optimize schedules to eliminate the need for guess work with project planning. Reduce risk, save money, and improve the quality of decisions made.

Augment

ProjectWise Navigator empowers teams to augment information and streamline communication, improve information visibility, and increase the value of extended review cycles.

Group and classify items to build more intelligence into the model by adding attributes to improve the quality of information on screen. Create relationship sets to categorize items and filter geometry from view to enhance project insight and improve the reliability of decisions.

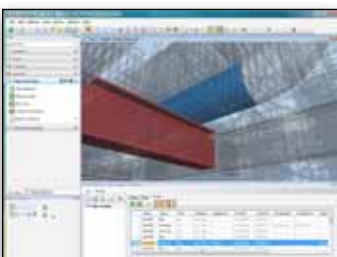
ProjectWise Navigator delivers a more intuitive user experience, and improves the interactive quality of information.

Markup and enhance the model by adding new geometry to quickly assess change impact without modifying original information. Register and preserve comments against an individual component or view using a structured approach. Track and query comment status through a complete audit trail.

Produce models in overlay files or PDF formats to broaden accessibility. Visually communicate designs via Luxology's fast photo-realistic rendering engine, and configure animations to improve decision making, streamline planning process, and overcome scheduling risks.



Section and filter views interactively



Detect and resolve clashes

SYSTEM REQUIREMENTS

Processor

Intel Pentium or AMD Athlon

Operating System

Windows 7, Windows Vista, Windows Vista x64, Windows XP Professional, Windows XP Professional x64, Windows XP Home Edition, Windows 2000 Professional, Windows 2000 Server, Windows Server 2003, Windows Server 2003 x64

RAM

512MB memory minimum, 2GB or more recommended

Hard disk

900MB free disk space minimum

Find out about Bentley at: www.bentley.com

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Global Office Listings

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PROJECTWISE NAVIGATOR V8i AT-A-GLANCE

Open

- i-models, native files, and overlay DGN files with one software product
- Aggregate 2D/3D multi-discipline models
- Directly open AutoCAD DWG with RealDWG capability
- Object Enabler support to display data from AutoCAD applications
- View large image files and multi-page PDFs
- View and reference complete geo-coordination capabilities

Explore

- Navigate models intuitively with enhanced viewing capabilities
- Walk, fly, pan, and rotate to move around the model naturally
- View the model close up with zoom-in/out capability
- Simplified and customizable interface to group tools and tasks
- Intelligent and interactive snapping
- Keyboard position mapping to speed productivity

Manipulate

- Customize the display and filter geometry from view
- Save and recall pre-defined view attributes
- Slice and filter 3D models to improve interactive visualization
- Section models using dynamic view capabilities
- Attach large image files as reference files
- Set and change view perspectives with enhanced camera setting

Find

- Display and navigate business information behind the geometry
- Search for elements based on key attributes
- Locate information contained in i-models
- Find and access element information quickly
- Look for various materials, PDF references, and simple geometry
- Isolate key components with customizable search capability

Measure

- Accurately measure distances and angles
- Estimate areas and volumes with complete reliability
- Compare two pieces of geometry with complete engineering precision
- Determine clearance constraints for effective planning
- Properly size doorways and openings to improve design

Simulate

- Detect clashes on native content from many sources without translation
- Create and apply powerful suppression rules to reduce false results
- Manage and resolve clash results effectively
- Import project schedule information to simulate project planning
- Review multiple schedule scenarios simultaneously
- Animate objects based on schedule task or construction status

Group

- Create item relationships to build more intelligence in the model
- Group and categorize data to alter the display view
- Assign attributes to items and classify geometry
- Color code the model and group according to construction status
- Organize elements by discipline or specific contractor

Markup

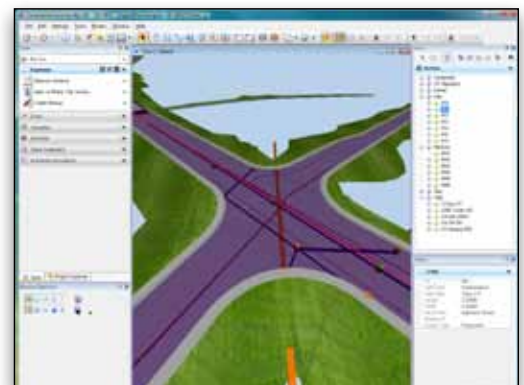
- Review and mark up designs with redline comments
- Manage markups and review workflows with markup dialog
- Register and preserve comments against items
- Assign unique attributes and comment history to individual markups
- Add simple graphics to enhance "what if" scenarios and assess impact

Produce

- Near real-time photo-realistic Luxology rendering
- Generate paper prints of models and markups to scale
- Create and support 2D/3D multi-page PDF files
- Google Earth integration
- Create and reference geospatial PDFs



Markup and register comments



Leverage item intelligence in the model