



# ProjectWise<sup>®</sup> Design Integration

Accelerate Global Work Sharing and Streamline Design

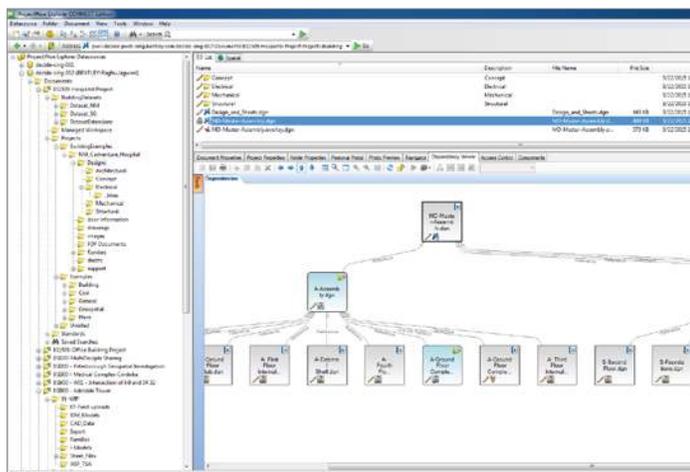
Globalization has changed the way we work with new opportunities to collaborate on projects around the world. ProjectWise Design Integration helps connect people and information across geographically dispersed teams to help them manage, find, and share project data and business documents.

With ProjectWise Design Integration, you benefit from seamless application integration, workflow and state-based access control capabilities, audit trails, and automation capabilities, supporting a closed-loop process to keep projects moving and shorten work time.

## COLLABORATE WITH MULTIDISCIPLINE TEAMS

Streamline your design workflows with global worksharing across your distributed teams. Remove geographic and technology boundaries to ensure everyone can find, share, and reuse project information, engineering data, and communications for active team participation.

- ◆ Share files securely among different organizations.
- ◆ Define who can view and edit project content.
- ◆ Manage user authentication.
- ◆ Control group, user, and document level access.
- ◆ Enable digital markups and signatures within PDFs managed by ProjectWise.



Manage complex relationships and dependencies.

## IMPROVE PROJECT QUALITY

Avoid lost data, versioning issues, and delays from using email, internal networks, point solutions, other generic collaboration tools, and unmanaged, siloed exchanges. Create and manage engineering work-in-process with increased reliability and transparency. With project information management, you will reduce the risk of unauthorized access and eliminate redundancies.

- ◆ Integration with Bentley and non-Bentley CAD design and geospatial applications.
- ◆ Find documents and content, as well as index documents and engineering components using powerful search capabilities.
- ◆ Create and manage file versions.
- ◆ Track what happens to a document throughout its lifecycle with a comprehensive audit trail.
- ◆ Manage all reference files and relationships, ensuring engineering design intent.
- ◆ Query all references attached to any DGN or DWG file.
- ◆ Find all files that reference any given drawing file.
- ◆ Automatically access all attached reference files when the master file is checked out.

## PREFERRED INFRASTRUCTURE DESIGN DOCUMENT MANAGEMENT SOLUTION

First released in 1998, ProjectWise is now the preferred infrastructure design document management solution for leading engineering consultants around the globe. This collaboration and content management platform provides core capabilities including:

- ◆ Design integration
- ◆ Deliverables management
- ◆ Project insights

Over 1 million projects run on ProjectWise, the only infrastructure design-specific collaboration tool on the market. With flexible interoperability, over 115,000 design professionals from ENR's Top 150 list access, store, review, approve, and share project information each day. Used globally, engineers, designers, project managers, and document control professionals from across the transportation, building, plant, and geospatial industries save time and money with ProjectWise.

# ProjectWise Design Integration At-A-Glance

## CREATE AND MANAGE PROJECT, CAD, AND INDUSTRY STANDARDS

Enforce adherence to workflows, as well as CAD and industry standards, including ISO 19650. Use the configurable rules engine to create dynamic, closed-loop reviews to manage progress toward milestones, alert reviewers, and deliver actionable data in context. Enforce naming standards for all ProjectWise documents and take advantage of support for various Bentley and non-Bentley CAD standards to maintain compliance.

## INSTANT-ON, CLOUD SERVICE

With the CONNECT Edition, your project team can take advantage of ProjectWise Cloud Services, which include the following game-changing capabilities.

### Web Collaboration

Both internal users and external supply chain participants can access project content stored in ProjectWise from any location with internet access using a simple web browser, limiting required IT resources and eliminating the need for going through the firewall.

### Project Creation Automation

ProjectWise encompasses a growing list of complex software artifacts, as many firms need to integrate information from upstream systems before

a design project can begin. With a project-provisioning workflow, firms can accelerate the project kick-off process, saving valuable resource hours and overhead costs.

### Automate PDF Deliverables

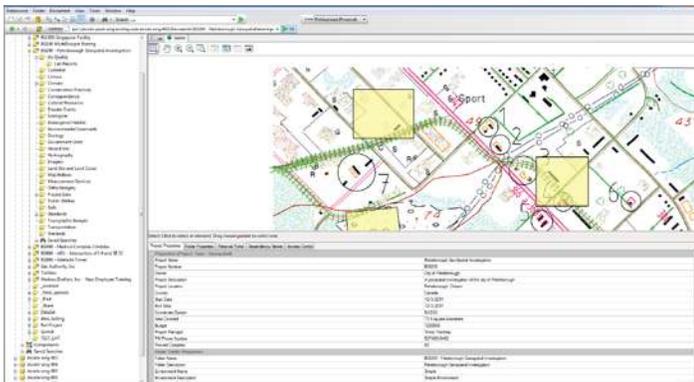
Transforming data-rich infrastructure models into PDF renditions requires a manual and sometimes error-prone manual process. With an automated deliverable workflow, organizations can ensure deliverables are always up to date, consistent, within defined standards and BIM requirements, and available to appropriate project participants to reduce the design review turnaround.

### Transmittals and Submittals

Infrastructure projects require an ever-expanding list of transmittals and submittals. ProjectWise Design Integration enables you to implement a closed-loop, transmittal-submittal process to remove contract penalties, tedious manual rework, process bottlenecks, and out-of-date data.

### 2D, 3D, & 4D Design Review

Design review capabilities allow users to create, assign, publish, and collaborate on issues related to markups within a PDF document from a project's Issues Registry, or within a federated iTwin®. Without automated workflows that streamline collaboration, organizations waste time and money, and their designs are not accurate.



Easily navigate project data by spatial location to retrieve all required content.



Increase project transparency and zero in on potential bottlenecks.