



Bentley Infrastructure Cloud™

Connect teams. Unify data. Realize digital twins.

Bentley Infrastructure Cloud provides a unified experience for accessing infrastructure data across the entire asset lifecycle, as well as real-time data and analysis tools to help designers, builders, and operators make smarter decisions and achieve better outcomes.

- Empower teams with a connected data environment that is secure, structured, open, scalable, and ISO 19650-compliant—making it easy to collaborate on project and operations data across the entire infrastructure lifecycle.
- Collaborate, resolve issues, and track progress using document and model-centric workflows.
- Create and curate digital twins using intuitive spatial and dashboard views.

Support the full lifecycle

Bentley Infrastructure Cloud offers capabilities and workflows for each phase of the asset lifecycle.

Bentley Infrastructure Cloud Connect™

Bentley Infrastructure Cloud Connect provides a foundational layer that links people and data across the project and asset lifecycle. Navigate seamlessly from a full portfolio overview to a single asset or project—all from one interactive map powered by Cesium, featuring Google Photorealistic 3D Tiles.

- A unified web experience centralizing project and asset data across design, construction, and operations.
- Access, share, and review project documents and models from the office or the field.
- Interact with models, dive into forms, markup issues, and review clashes—all within a single interface.
- Track and manage correspondence and quickly resolve issues with seamless collaboration across firms, roles, and disciplines.

Bentley Infrastructure Cloud ProjectWise®

Bentley Infrastructure Cloud ProjectWise provides engineering and construction firms with advanced model-centric workflows across the design and build lifecycle.

- Experience the redesigned ProjectWise Explorer UI, featuring automated renditioning for faster document processing.
- Manage engineering work-in-progress with design application integration, reference file management, and controlled workspaces.
- Integrate design and constructability reviews, clash detection, and 2D/3D markup workflows with GIS context for streamlined coordination.
- Improve productivity with AI-powered media indexing and data search that provides summaries without opening files.
- Collaborate seamlessly on complex civil projects with advanced design coordination tools.
- View and collaborate on 4D models schedules and Gantt charts.

Bentley Infrastructure Cloud AssetWise®

AssetWise provides owner-operators advanced capabilities for asset performance and information management.

- Combine engineering information with operating data to maximize asset performance.
- Maintain the operational readiness and safety of your infrastructure asset.
- Extend asset life, avoid breakdowns, and lower costs through proactive inspection, maintenance, and continuous asset monitoring.

| Capability | Key features and modules | Bentley Infrastructure Cloud | |
|---|---|------------------------------|-------------|
| | | Connect | ProjectWise |
| Storage and management of information | | | |
| Manage data related to projects and assets | Create, edit, update, and delete iTwins | ● | ● |
| Document storage | Upload and download | ● | ● |
| Manage models | Creation/synchronization of iModels | ● | ● |
| Manage team | Invite users, create modify roles, RBAC, remove team member | ● | ● |
| Manage external organization | Invite and remove invitation | ● | ● |
| Content configuration and administration | | | |
| Manage documents settings | Create, modify, and delete connection; modify Office 365 settings | ● | ● |
| Manage deliverable settings | Create, modify, and delete Deliverable Management settings | ● | ● |
| Manage forms | Create, modify, and delete forms definition | | ● |
| Model conditioning | Manage cost, cost codes, PDF, and hierarchies | | ● |
| Consumption of information | | | |
| Model viewing | (iTwin®) Viewer | ● | ● |
| Mobile access | RFI, daily logs, field collaboration with SYNCHRO™ Field mobile app | ● | ● |
| Reporting | Dashboard | ● | ● |
| | | | |
| Data enrichment and federation | | | |
| Maps and GIS | Enable map layer and create, modify and delete GIS connections | ● | ● |
| Reality data | View reality data | ● | ● |
| Model federation with Open applications | Bentley Open™ application connectors | ● | ● |
| Model federation with third-party apps | Third-party application connectors | ● | ● |
| Enterprise data | Create, modify, and delete enterprise connections | | ● |
| Collaborative workflows | | | |
| Carbon calculation | Embodied carbon calculations for design, build, and operations | ● | ● |
| Issue management | Create, edit, and delete issues | ● | ● |
| PDF markup | PDF markup | ● | ● |
| Manage PDF renditions | Create, modify, and delete PDF management renditions | ● | ● |
| Deliverables management | Transmittal and submittals | ● | ● |
| Clash management (view) | View clash results/clash visualization | ● | ● |
| Clash management (run) | Create, edit, and run clash jobs | | ● |
| Advanced design review | Advanced civil tools | | ● |
| Engineering document collaboration | Application integration, reference file management, managed workspaces (incl. ProjectWise Explorer) | | ● |
| Construction tracking and management | Visualization of planned schedules | | ● |
| Component center (consumer) | View and reuse components | ● | ● |
| Component Center (creator) | Extract and curate reusable components | | ● |

Bentley

Find out more at [Bentley.com](https://www.bentley.com)
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