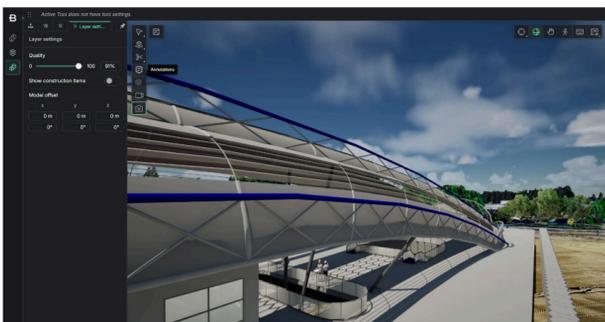
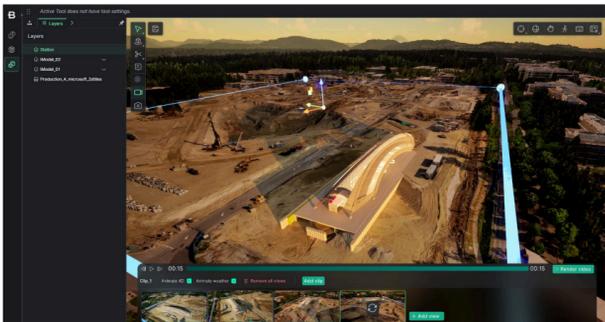




Bentley iTwin® Engage

Create high-impact visuals that bring projects to life



Transform project data into engaging visual experiences

Bentley's iTwin Engage empowers infrastructure teams to turn project data into immersive, high-fidelity visualizations that clearly communicate the vision of a project. Teams can create impactful, narrative-driven content that brings designs and assets to life without specialized visualization skills. Project scenes can be populated with vehicles, vegetation, people, real-world geospatial context, and environmental conditions, such as daylight and weather, which can be adjusted to produce realistic, cinematic presentations.

By directly accessing project data and leveraging real-time, photorealistic rendering—powered by Unreal Engine and open standards like OGC 3D Tiles—iTwin Engage helps teams improve understanding, accelerate decision-making, and align stakeholders around a shared vision.

Showcase projects in real-world context

iTwin Engage places infrastructure projects within precise geospatial surroundings so stakeholders can fully understand the scope, scale, and impact. Built-in 3D object libraries and environmental controls help teams create vivid, relatable presentations that reflect real-world conditions. From early concepts through detailed design and construction updates, iTwin Engage supports clear, confident communication in a context that stakeholders immediately recognize.

Communicate with clarity and impact

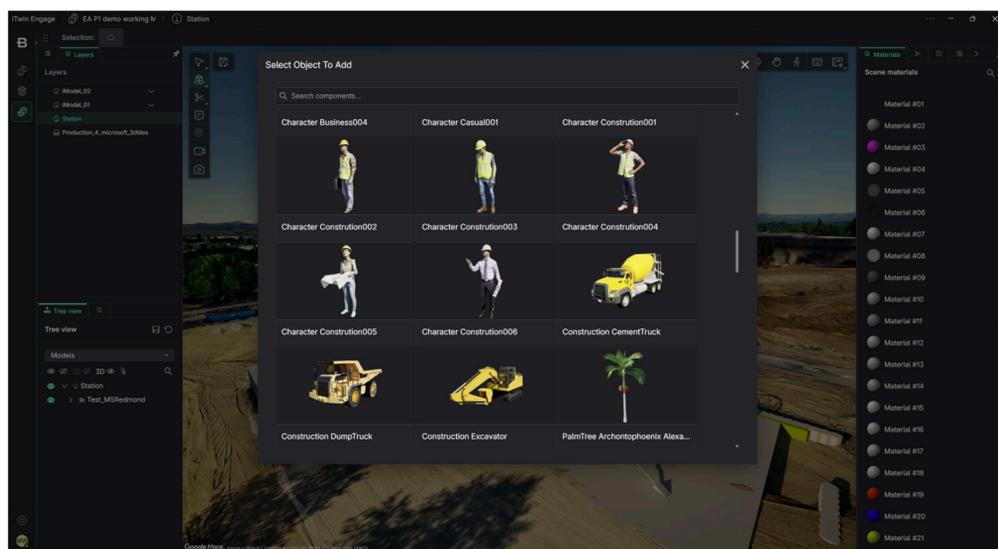
Infrastructure data can be complex. iTwin Engage transforms models and maps into clear, easy-to-understand visual stories within a single, unified environment to create a rich storytelling experience. Annotations, guided camera views, and curated sequences help focus attention on what matters most, making it easier for technical and non-technical audiences alike to understand design intent, assess options, and move forward with confidence.

Share and collaborate anywhere

Content created in iTwin Engage can be exported as high-quality video files, making it easy to share project stories with clients, partners, and stakeholders. These videos can be distributed through the web or common cloud-sharing applications, ensuring broad accessibility without requiring specialized software.

Leading the next era of infrastructure visualization

By combining real-time project data, open geospatial standards, and the visual power of Unreal Engine, project teams can move beyond static visuals and disconnected tools to create immersive, geospatially accurate experiences that clarify intent, build alignment, and inspire action.



System requirements

Minimum: Intel Core i5 Gen 5, 2 GHz Intel processor or faster, 32 GB RAM, 12 GB free disk space, GPU with 12 GB VRAM, RTX-class, and DX12 support

Recommended: 11th Gen Intel Core i7 or AMD Ryzen Threadripper PRO 3945WX (12 cores, 4.00 GHz), 128 GB RAM, 12 GB of free disk space, GPU with 24 GB VRAM or higher, RTX 5000 or better

iTwin Engage at-a-glance

Ease of use

- Intuitive graphical user interface
- No-code experience creation workflows
- Scene setup driven by dialogs and configuration panels
- Reusable scenes, views, camera paths
- Minimal visualization expertise required

Digital twin data access and management

- Direct connection to live iTwin and iModel® project data
- Real-time synchronization with project updates
- No manual file exports or data preparation
- Support for large, federated infrastructure datasets
- Data consistency with source engineering systems

Time-based and animated visualization

- Timeline-based visualization of project phases
- 4D representation of construction sequencing
- Camera path animations for walkthroughs and flythroughs
- Viewpoint sequencing for guided presentations

Rendering and visual quality

- Real-time rendering powered by Unreal Engine
- Smooth navigation across large datasets
- Consistent visual quality without offline rendering
- High-resolution visual output suitable for presentation

Presentation and storytelling tools

- Saved views and viewpoints
- Camera paths and transitions
- Annotations for design explanation
- Guided sequences for structured presentations

Visualization and scene composition capabilities

- Real-time visualization of infrastructure-scale models
- Accurate geospatial placement at true project scale
- Scene composition using models, terrain, and context data
- Environmental controls, including daylight and weather
- Support for large corridor, campus, and city-scale scenes

Platform integration and standards

- Built on Bentley's iTwin platform
- Support for open geospatial standards
- Interoperability with Bentley and non-Bentley data sources

Output and sharing

- Export of high-quality video content
- Use in reviews, briefings, and public presentations
- Distribution without specialized viewing software

Find out more at [Bentley.com](https://www.bentley.com)
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 Outside the U.S.: +1.610.458.5000
 Global office listings: [bentley.com/contact](https://www.bentley.com/contact)

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