



Electric Distribution Design Solution

Effectively Design Distribution Systems for Today's and Tomorrow's Demands

Whether you work for an electric utility or engineering firm, or you work as a consultant, the Electric Distribution Design Solution enables streamlined digital design for overhead and underground electric distribution systems. The solution enables you to accurately design, capture, and document the development of new and existing overhead and underground infrastructure through automated processes, intuitive code-compliant design, powerful analysis, and multisystem integrations.

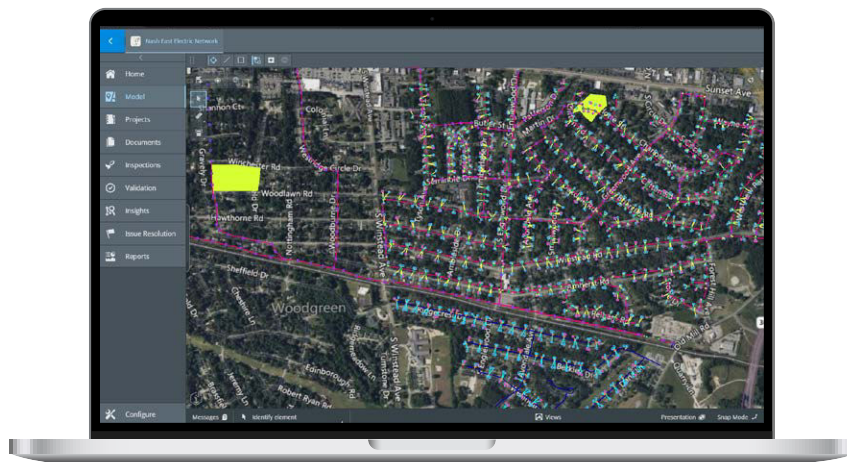
With Bentley, designing your electric network has never been easier.

DIGITALLY DESIGN AND ANALYZE IN A UNIFIED ENVIRONMENT

Quickly create geospatial enabled 2D and 3D models and layout brownfield and greenfield designs by using preconfigured standards, intuitive drag-and-drop functionality, and industry-specific business rules enabling you to visualize precise, high-quality designs. Gain visibility into your organization's designs in a connected design environment, and easily identify at risk and non-code compliant structures eliminating overdesign, additional processes, and guesswork.

MODERNIZE YOUR PROCESSES WITH INTEGRATED WORKFLOWS AND COLLABORATION

Collaborate, review, and approve designs with internal and external stakeholders using streamlined workflows designed to ensure utility standards are met and projects remain on schedule. The solution provides the extension of joint-use workflows for both electric and communication networks to assess communication equipment and improve design visibility for joint-use facilities.



KEY FEATURES

- Cloud-connected design and reliable analysis results with robust reporting
- Easily design an entire pole line design at once, create buffers, overlays, joins, thematic maps, dynamic labels, reports, and queries
- Eliminate rework (avoid redesign in CAD and GIS)
- Store and retain project documents and view and securely share the entire team's data
- View upstream/downstream and shortest/multiple/redundant path traces for flow, conduit, and cathodic protection networks
- Retain joint-use contracts, audits, and communications
- Utilize enterprise interoperability to ensure seamless sharing of design outputs with GIS systems and work management
- Integrate with Bentley's industry-leading applications and solutions powered by iTwin[®]