

BENTLEY® POWERDRAFT™

The v8 Generation

The premier 2D production drafting solution

Bentley® PowerDraft™ offers project teams fast, efficient deployment and implementation of a powerful 2D design and production drafting solution. An intuitive interface for creating, editing, and manipulating industry-recognized file formats, complete integration with all Bentley solutions and a variety of licensing options makes Bentley PowerDraft the perfect complement to existing MicroStation® workflows.

Data Interoperability

Native support for DGN and DWG files allows you to focus on creating and using your design data, rather than on deliverable file formats, data exchange and file translations.

Change Management

Bentley PowerDraft incorporates a robust design history capability to track the evolution of each DGN file—so you can record, review, restore and interrogate all of your design iterations. When combined with digital rights and digital signatures, you can monitor progress and add security and accountability to your projects.

Workflow Support

Bentley PowerDraft integrates seamlessly with your current organizational workflow. Easy-to-use configuration options let you leverage your current workspace settings, directory locations and resource files by creating, customizing and deploying existing and new project environments.

Extensibility

Bentley PowerDraft is offered with integrated application portfolios that serve multiple industries. Flexible programming support makes Bentley PowerDraft highly adaptable to your business needs and requirements.



Bentley PowerDraft supports for industry-standard font resources.

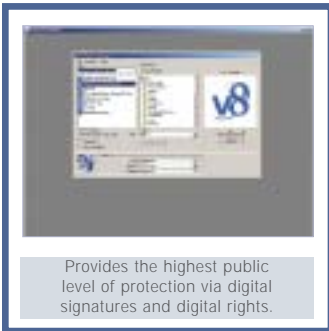


View thumbnails of DGN files using Windows Explorer.



Achieve true scale referencing of legacy data in raster or vector format.

BENTLEY POWERDRAFT AT-A-GLANCE



DWG Support

- Ability to natively read, write, reference and incorporate DWG files
- Locking out of unsupported functionality with dedicated workmodes
- Support for DWG files
- PGP file alias support
- SHX font support

References

- Unlimited number of references
- Compatible with DGN and DWG data
- Integrated with Design History
- Self-reference support
- Nested reference support

Design History

- Ability to record and review a complete history of a DGN file
- Restoration of previous design iterations
- History as an integrated component
- Ability to track changes made within references

Digital Signatures

- Industry-standard encryption techniques
- Ability to digitally sign designs and drawings
- Graphical and non-graphical signature representations
- Applicable to DGN and DWG
- Multiple and hierarchical signature configurations

Digital Rights

- Ability to define secure permissions for viewing, printing and editing
- Fully integrated with digital signature technology
- Privilege expiration feature
- File password protection

Raster Manager™

- Multiple raster image support (aerial photographs, satellite imagery, scanned maps and drawings, among others)
- PostScript and HPGL2/RTL printing device support
- Multiple image display within one design file
- Industry-standard, 1-28 image format support (TIFF, GeoTIFF, JPEG, PNG, TIFF, MrSID)

Annotation and Dimensioning Styles

- User, organizational or project-defined text and dimensioning styles
- TrueType and .shx font support
- Import/Export styles

Shading

- Support for basic rendering features – wire frame to smooth (Gourard)

Named Groups and Display Sets

- Interactive definition of common selection sets
- Stored within DGN file
- Element modification in defined sets
- On-demand recall

AccuDraw® and AccuSnap™ Navigation Tools

- Linear and angular input
- Dynamic control of drawing planes and coordinate systems
- Automatic identification of geometric keypoints
- Applicable in both 2D and 3D environments
- Snap mode support

Printing and Plotting

- Standard Windows device support
- Pen table (DWG and DGN) creation and support
- Industry-standard export options

Extensibility

- Customizable user interface
- Support for Microsoft® Visual Basic® for Applications (VBA)
- Continued support for JMDL™, MDL® and MicroStation BASIC

Data Connectivity

- Available to Bentley SELECT® subscribers
- MicroStation database capabilities
- Associativity between design elements and information in external databases
- Direct editing of database records through database server

BENTLEY POWERDRAFT SYSTEM REQUIREMENTS

- Processor: Intel® Pentium®-based or AMD Athlon™-based PC or workstation
- Operating System: Microsoft® Windows® XP, Windows 2000, Windows NT® 4 (SP6 recommended), or Windows 98 2nd Edition
- Memory: 128 MB RAM
- Disk Space: 225 MB minimum free disk space
- Input Device: Windows pointing device

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Bentley Systems, Incorporated, is a global provider of collaborative software solutions that enable our users to create, manage and publish architectural, engineering and construction (AEC) content. As a part of those solutions, Bentley provides professional services including implementation, integration, customization and training.

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