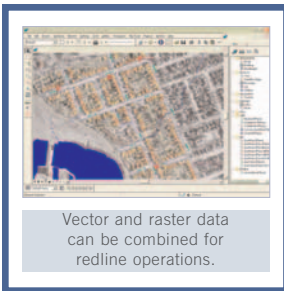


BENTLEY® POWERMAP FIELD™

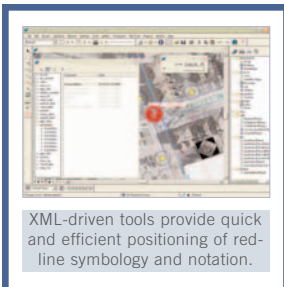
Bentley PowerMap Field A field data collection and as-built reporting solution



Bentley® PowerMap Field™ is a customizable mobile environment designed to enable rapid creation of field data collection, as-built reporting and other field based applications. Bentley PowerMap Field complements the capabilities of MicroStation GeoGraphics® and Bentley PowerMap™, since it is built upon the same technology, shares a similar user interface, and utilizes a common data model. Bentley PowerMap Field has rich development tools, making it an ideal platform for third-party geospatial solutions and for customized organizational solutions.

Comprehensive Redlining Environment

Bentley PowerMap Field delivers comprehensive review, annotation and printing tools for MicroStation GeoGraphics and Bentley PowerMap data sets or projects. Share map data with multiple users in your organization for review and comment. Users can redline in text, or using a range of drawing tools inherited from the MicroStation® environment such as line, polygon, circle, and b-spline. Redlines of contributing individuals are displayed in unique colors to support easy review by collaborating team members. Redlines can be created with the new XML Feature Modeling technology introduced in MicroStation GeoGraphics 2004, allowing attribute based symbolization and attribute based annotation. These intelligent “redlines” are fast to create, can easily match standards and can be browsed by querying tools back in the office.



A Unique Paradigm for Data Management

Bentley PowerMap Field supports disconnected use when access to the attribute database is simply not an option. Database attributes are extracted from the database and maintained as XML within the DGN file. By storing the attributes in XML, you can take Bentley PowerMap Field to the field for data collection and reliably synchronize upon re-connecting to the database. In addition to its rich XML capabilities, Bentley PowerMap Field provides read/write access to ODBC-connected databases. You can query data extracted from Oracle Spatial to support the use of enterprise data in your mapping workflows. And your data, once created, can be fully managed through Bentley's Geospatial Management, a spatially enabled managed environment that integrates document management with spatial databases and facilitates intelligent and automated interoperability with other enterprise software solutions.



Superior Imaging

Bentley PowerMap Field includes high-performance binary and continuous tone raster display for a wide range of standard image formats. Since the imagery is georeferenced as it is displayed, you can overlay engineering designs and maps and use the background context to redline the current map.

Coordinate System Management

Bentley PowerMap Field handles data in standard or customized projected coordinate systems. This capability allows you to combine data of dissimilar projections to conform to your map projection standards. With automatic projection-on-the-fly capabilities, Bentley PowerMap Field simplifies the reference data attachment process.

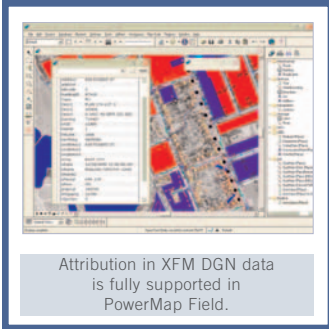
Extensible Platform

Bentley PowerMap Field supports customization through Visual Basic, MicroStation Development Language (MDL®), and MicroStation BASIC.



Visit us on the Web for more information about Bentley solutions and services.
www.bentley.com

BENTLEY POWERFIELD AT-A-GLANCE



Redlining/Editing Tools

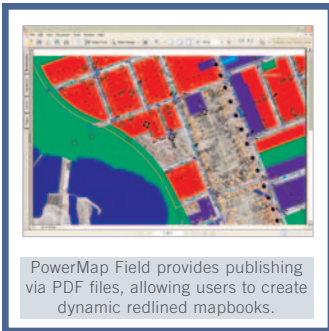
- High-fidelity 2D and 3D element creation capabilities
- Fast, configurable display of industry-standard file formats
- DGN, DWG, SHP, MXD file read and reference
- Data attribution add/modify/delete capabilities
- Integrated coordinate system toolset

Programmatic Access

- Visual Basic for Applications (VBA) support
- Existing MDL API support
- COM access support

Coordinate Transformation Tools

- Integrated coordinate system toolset
- Predefined coordinate systems included
- Ability to read custom coordinate system definitions
- Automatic reference file transformations



Raster Tools

- High performance image display
- Support for industry standard file formats
- Support for MrSID and ECW image compression types
- Up to 32 bit color image depth support
- Automatic positioning of image types supporting georeferencing

Database Access

- Read/Write of ODBC compliant databases
- Query data extracted from Oracle Spatial Databases

Integrated with Geospatial Managed Environment

- Provide controlled access to Bentley® PowerField™ users
- Allow for synchronization of “disconnected” DGN data
- Spatially query for project documents and maps
- Tablet PC and Mobile Device Support

Bentley PowerMap Field System Requirements

Processor: Intel Pentium-based or AMD Athlon-based PC, workstation, or Tablet

Operating System:
Windows® 2000,
Windows XP Professional,
Windows NT® 4
(SP6 recommended)

ABOUT BENTLEY

Bentley Systems, Incorporated provides software for the lifecycle of the world's infrastructure. The company's comprehensive portfolio for the building, plant, civil, and geospatial vertical markets spans architecture, engineering, construction (AEC) and operations. With 2004 revenues exceeding \$300 million, Bentley is the leading provider of AEC software to the Engineering News-Record Design 500 and major owner-operators.

For more information, visit www.bentley.com or call 1-800-BENTLEY.

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