

Bentley Map® Functionality Comparison

Advanced Raster Viewing, Editing and Processing Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
3D Texture Editing (e.g. 3D building texture)	☑		
Advanced Raster Transformation (warping, register)	☑		
Basic Raster Transformation	☑	☑	☑
Binary Raster Editing (ala I/RAS B)	☑		
Color Raster Editing	☑		
Image Draping on Surface	☑	☑ (A)	
Image Filtering (Contrast Stretch, Density Slicing, Blur, Sharpen, Smooth, Detail, Edge Enhance, Find Edges, etc...)	☑		
On-The-Fly Coordinate System Transformation	☑	☑	☑
Persistent Coordinate System Transformation	☑		
Raster Geo-Referencing	☑		
Raster Mosaic Creation	☑		
Raster Scene Creation (merge tool)	☑		
Raster Text to Vector Text Conversion	☑		
Raster to Vector Conversion and Vector to Raster Conversion	☑		
Snap on Raster Content	☑		
View Raster (Images, WMS, Imager Server Feed, PDF)	☑	☑	☑
Viewing Oracle Spatial GeoRaster	☑		
Viewing Raster DEM and applying filter on Raster DEM	☑		
Cadastral Mapping Configuration Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
Functionality	☑	☑	
Dynamic Topology Editing	☑	☑	
Import / Export LandXML Files	☑	☑	
Import Survey Data	☑	☑	
Integrated Coordinate Geometry (COGO) Editor	☑	☑	
Linear Adjustment	☑	☑	
Multiple Topology Layer Support	☑	☑	
Parcel Split and Merge (with behavior adapted to the cadastre rules)	☑	☑	
Sample Cadastral XML Schemas and Data	☑	☑	

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Data Analysis and Reporting Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
Automatic Thematic Class Generation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Business Property Review and Navigation (Data Browser)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Business Property Review and Navigation (Property Navigator)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Export to CSV, XML, HTML via XSLT, Windows Clipboard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Feature Joins	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Network Analysis Operations (Trace Connected, Find Shortest Path etc...)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Scripting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Search / Query - Non-RDBMS Business Properties	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Search / Query - RDBMS Business Properties	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Spatial Analysis Operations (Buffer, Intersect, Union, etc...)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Spatial Overlay Reporting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Thematic Resymbolization (Dynamic)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Visual SQL Query Builder	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Data Capture and Maintenance Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
3D Smart Editing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (A)	
Automatic Geometric Properties (Length, Area and Perimeter)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Business Property Bulk Editing (Data Browser)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Create Annotation (from Dynamic Labels)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Edit 2D DGN/XFM Feature Instances	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Edit 3D DGN/XFM Feature Instances	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Geometric Properties Bulk Editing (Length, Area and Perimeter)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
High-End 3D Modeling (Push-Pull, Surface Manipulation etc...)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (A)	
Persistent Topology	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Polygon Split / Merge Commands	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Promote Feature Command	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RDBMS Business Property Editing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Redlining and Markup Tools			<input checked="" type="checkbox"/>
Topology Cleanup Tools (Segmentation, Thinning, Duplicate Removal etc...)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Topology Creation Tools (Shape and Centroid creation etc...)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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Data Modeling Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
Bentley Geospatial Administrator (Map Index Creation)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bentley Geospatial Administrator (Schema and Workspace Creation)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Interoperability Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
Direct Reference Attach GIS Data Formats (Oracle Spatial)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Direct Reference Attach GIS Data Formats (SHP, MID/MIF, TAB)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Export 2D/3D GIS Data Formats	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
FME Extension	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Import 2D/3D GIS Data Formats (SHP, MID/MIF, TAB)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Import Geography Markup Language (GML) formats	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Import Oracle Spatial Database	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Oracle Spatial - Bulk Data Loading Tool (DGN2SDO)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Oracle Spatial - Long Transaction and Time Component Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (C)	<input checked="" type="checkbox"/> (C)
Oracle Spatial - Partial Posting Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Oracle Spatial - Read (Query) Access	<input checked="" type="checkbox"/> (P)	<input checked="" type="checkbox"/> (P)	<input checked="" type="checkbox"/> (P)
Oracle Spatial - Topology Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Oracle Spatial - Write (Lock/Unlock, Edit, Discard, Post) Access	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
ProjectWise Integration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Publish Bentley i-model Files (Export)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
WMS Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Map Finishing Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
Color Separation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Flexible On-Screen Element Ordering	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Flexible Text Placement and Masking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Graduated Linear and Radial Fills (elements and text)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Halo Effects (elements and text)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Map Indexing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Postscript / PDF Output	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
WYSIWYG Printing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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Map Management Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
Dynamic Feature Labels	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Layer Display Ordering (Z-Depth)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Layer Groups	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Layer Legend	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Map Model Creation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (B)
Map Model Viewing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Scale Sensitive Feature Display	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Seamless Map Attachments / Map Indexing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Map Publishing Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
Grid Generation Tools	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Multiple Print Model Viewports	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Print Legend	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Print Models	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Print Preparation Tools	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Map Viewing Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
Animation and Rendering Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> (A)	
GPS Support and Tools (Place Point, Center View, Track, Trail etc...)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Raster Viewing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
View 2D/3D DGN/XFM Feature Instances	<input checked="" type="checkbox"/> (P)	<input checked="" type="checkbox"/> (P)	<input checked="" type="checkbox"/> (P)
Product Configuration, Customization and Application Development Functionality	Bentley Map Enterprise V8i (SELECTseries 2)	Bentley Map V8i (SELECTseries 2)	Bentley Map PowerView V8i (SELECTseries 2)
MDL, C/C++, .NET and VBA Development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Run Bentley applications	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Run MicroStation or third-party MDL applications	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Run MicroStation, third-party or customer developed VBA applications.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Run multiple applications concurrently	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SDK and API Documentation Included		<input checked="" type="checkbox"/> (A)	

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