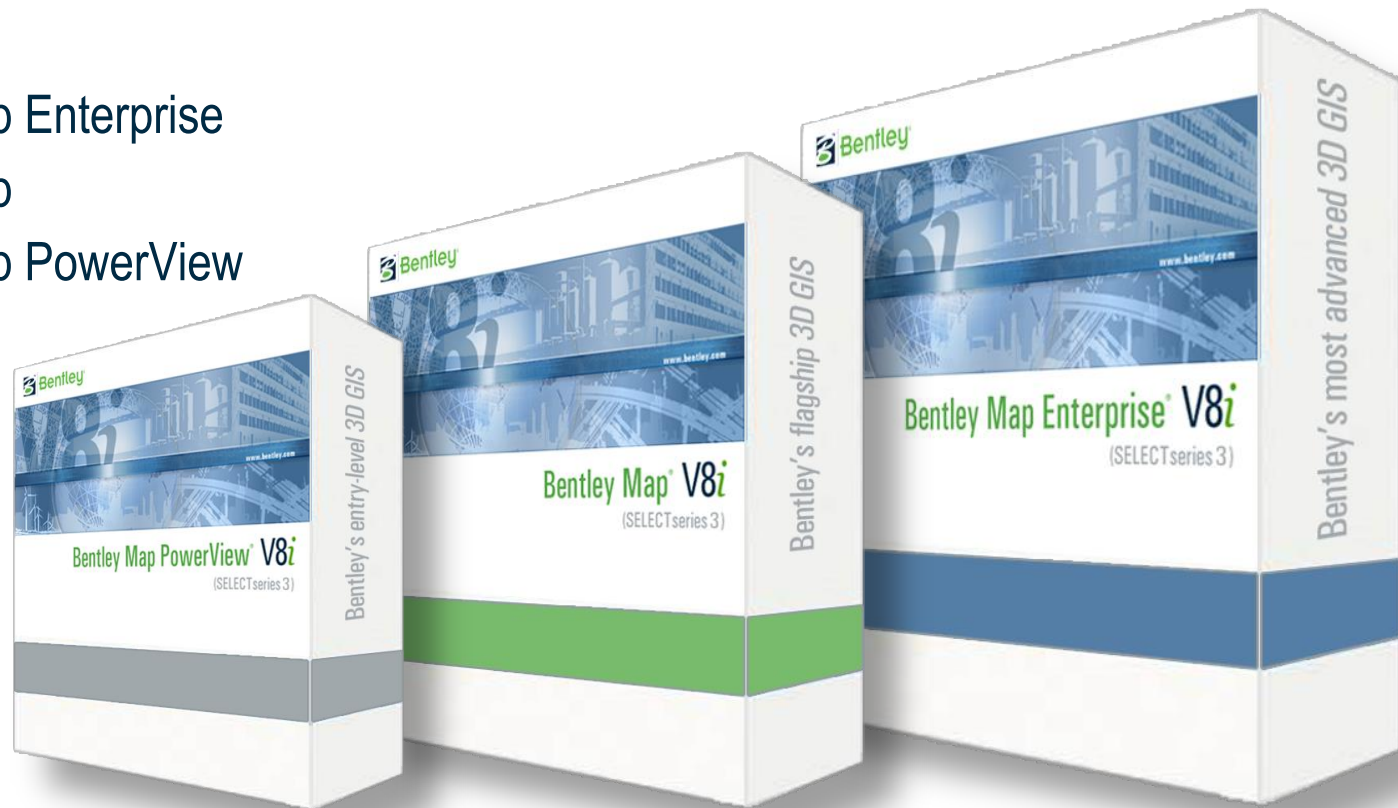


Bentley PowerMap Upgrade



The New Bentley Map

- In April 2011, Bentley restructured the Bentley Map product line into three products
 - Bentley Map Enterprise
 - Bentley Map
 - Bentley Map PowerView



Bentley Map

Direct
Database
Access API

Faster XFM
Feature
engine API

Spatial Data
Streaming API

Bentley Map Enterprise - Standalone

Bentley Map
PowerView
and
Bentley Map
Functionality

Edit Oracle Spatial
- Long
Transaction/Time

View Oracle
GeoRaster

Transform/
Edit Rasters

View Raster DEM

3D Modeling

3D Analysis/
Make Decisions

3D Texturing

Advanced
CAD tools

Advanced Point Cloud
Processing

3D Geometry Clean-
Up

Scalable Terrain
Model

Solar/Shadow
Analysis

Bentley Map - Standalone or for MicroStation

Bentley Map PowerView
Functionality

Edit Oracle Spatial
- Short transaction

2D Analysis/
Make Decisions

Advanced
Interoperability

Edit /Create Custom
Coordinate Systems

Export Thematic Map Symbolology
and GRID Generation

Advanced Map
Finishing

Cadastral Mapping
Configuration

CAD tools

Edit SQL Server Spatial
- Short transaction

Bentley Map PowerView - Standalone

Mark-up/View/
Edit DGN/XFM

Create
Maps/Reports

View Oracle Spatial

Feature
Modeling

View SQL Server
Spatial

Assemble/
Integrate

View Rasters

Basic CAD tools

GPS

View WMS/WFS

Point Cloud Viewing

Bentley Map Restructuring – Why?

- Serve you better by offering
 - A range of products to support your workflows
 - Better quality products
 - More performance
 - Easier customer deployment
 - Simplified application development

Two Upgrade Paths for PowerMap

- Bentley Map PowerView
 - All the feature modeling and geometry construction tools required for powerful geospatial applications
 - An excellent development and delivery platform
- Bentley Map Standalone
 - Spatial database interface (Oracle, SQL Server)
 - Export to GIS data types
 - Interface to FME
 - Many others...

A Platform for Partners

- Bentley Map PowerView
 - Has all the feature modeling and geometry construction tools required for simple mapping applications
 - Takes advantage of new features
 - WFS, SQL Server Spatial Viewing
 - Spatial Data Streaming
 - Point Cloud Viewing
 - More to come
 - Added features determined by partners to be valuable
 - Move/copy parallel
 - Dimensioning
 - Insert and delete vertex
 - Place curve (SS4)

For Developers

- Proven feature engine
- Complete development environment
- Excellent Oracle Spatial and SQL Server interoperability
- No pass codes required
- Expanded API
 - Spatial database API
 - Create features programmatically
 - Application owned business properties (SS4)
 - Custom symbology call backs (SS4)

"...Changes to operating systems and Oracle databases as well as the need for a centralized, seamless spatial database have motivated the pursuit of a next-generation GIS system that would last for the next 10 to 15 years[...] Using Bentley Map V8i SS4 we have been able to adapt our existing application to the new requirements without having to completely re-write it. We selected Bentley Map because of its direct connection to Oracle Spatial, and that meant minimal changes were needed to our database schema..."

*Commenting on his organization's use of Bentley Map,
Rao Tanuku, Director Systems Engineering
IT @ Verizon*

Bentley Map SELECTSeries 4 features

Feature	Bentley Map PowerView	Bentley Map
Esri File Geodatabase	Read/Import	Edit/Write/Export
Cartographic styles	View	Create and assign
Dynamic criteria	View	Create and assign
Set display scale per view	Set	Set
Various Oracle enhancements (performance, scalability)	View only	Complete set
CityGML texture support with FME	N/A	Yes
Survey data acquisition	N/A	Yes

Which version to choose?

- Feature modeling
 - Data acquisition
 - Simple GIS integration
 - Drafting and design tools
 - GPS integration
 - API
- Everything from the left hand column
 - Spatial database support
 - Enhanced GIS integration
 - Enhanced cartographic output
 - Survey integration
 - Advanced API

Bentley Map PowerView

Bentley Map Standalone