



Bentley Data Manager V8i (SELECTseries 6)

A Powerful Data Management Tool for Plant Project Content

Bentley Data Manager is a powerful multidiscipline content management tool designed to allow engineers access to all the data residing in the Bentley plant project database. All project data including tag numbers, descriptions, and component-specific properties are available to be created, viewed, edited, and reported using Bentley Data Manager

Dynamic Data Input and Management Across Bentley Plant Applications

Bentley Data Manager V8i works with Bentley's plant project database. Any tag creation or data update is automatically reflected throughout AutoPLANT® Modeler, Bentley® Instrumentation and Wiring, Bentley® OpenPlant PowerPID, Bentley® Datasheets, Bentley® Vision and AutoPLANT® Isometrics.

Bentley Data Manager V8i allows data to flow seamlessly between all of these applications, eliminating manual methods associated with lengthy and often inaccurate import and export routines. By creating a fully integrated environment, project engineers and managers can access all aspects of the project data from a single user interface.

Customizable Views and Reports for Project Specific Requirements

Bentley Data Manager V8i comes complete with a comprehensive set of data entry views and pre-defined reports. Using these reports, engineers can access and report on all plant project database content, including piping, mechanical, process, instrumentation, and electrical content.

Users can easily customize these views and reports to meet project requirements, or simply create new views and reports from scratch using the built-in Microsoft Access query and report editor. These same easy-to-use query design interfaces apply to all project platforms, including SQL Server Express, SQL Server, and ORACLE.

Remotely Update Project Reports

Bentley Data Manager V8i allows project administrators and engineers to quickly and easily update their project Reports from a template or some other project report via a simple menu command. This command enables you to automatically update the project database and eliminates the cumbersome effort of manually updating each reports in each project or manually replacing the project database with the modified one.

Powerful Data Manipulation and Import/Export Tools

Bentley Data Manager V8i allows engineers to quickly and easily manipulate data via a set of right-click menu options. Users can sort, filter, find and replace data using these tools. Import and export functionality within Bentley Data Manager V8i

ITEM	ENUM	TAG TYPE	STATUS	DESCRIPTION	AREA	SERVICE	INSULATION	MATERIAL	OP PRESS	OP TEMP	PIPING ORIG	LENGTH
ENM	50C	AT_EQUIP	NEW									
EB-14011001	EB	14011001	AT_EGDC	NEW								
EB-14011002	EB	14011002	AT_EGDC	NEW								
EB-14011003	EB	14011003	AT_EGDC	NEW								
EB-14011004	EB	14011004	AT_EGDC	NEW								
EB-14011005	EB	14011005	AT_EGDC	NEW								
EB-14011006	EB	14011006	AT_EGDC	NEW								
EB-14011007	EB	14011007	AT_EGDC	NEW								
EB-14011008	EB	14011008	AT_EGDC	NEW								
EB-14011009	EB	14011009	AT_EGDC	NEW								
EB-14011010	EB	14011010	AT_EGDC	NEW								
EB-14011011	EB	14011011	AT_EGDC	NEW								
EB-14011012	EB	14011012	AT_EGDC	NEW								
EB-14011013	EB	14011013	AT_EGDC	NEW								
EB-14011014	EB	14011014	AT_EGDC	NEW								
EB-14011015	EB	14011015	AT_EGDC	NEW								
EB-14011016	EB	14011016	AT_EGDC	NEW								
EB-14011017	EB	14011017	AT_EGDC	NEW								
EB-14011018	EB	14011018	AT_EGDC	NEW								
EB-14011019	EB	14011019	AT_EGDC	NEW								
EB-14011020	EB	14011020	AT_EGDC	NEW								
EB-14011021	EB	14011021	AT_EGDC	NEW								
EB-14011022	EB	14011022	AT_EGDC	NEW								
EB-14011023	EB	14011023	AT_EGDC	NEW								
EB-14011024	EB	14011024	AT_EGDC	NEW								

Use the customizable interface for dynamic data input.

allow engineers to import legacy data at project startup, or export project data to use with third-party vendor applications.

User Access Control to Project Data

Bentley Data Manager V8i restricts access to data via user access levels defined in Bentley® Project Administrator. User access can be controlled by user groups and functions down to the individual field level, ensuring data can only be changed by engineers with access rights.

Datasheets and Specification Sheets

Bentley Datasheets and Bentley Specification Sheets are Bentley Instrumentation and Wiring modules that can be launched from within Bentley Data Manager. With Bentley Datasheets and/or Specification Sheets, users can access and manage dynamically-passed process and instrumentation data such as tag number, process data, vendor data, etc. The Datasheets and Specification Sheets modules utilizes Microsoft Excel as its native format for data storage and customization.

Datasheets creation through Bentley Data Manager and Bentley I&W in a ProjectWise enabled AutoPLANT project is now supported to use defined Document Code.

Hookups

Bentley Hookups is a Bentley Instrumentation and Wiring module that can be launched from within Bentley Data Manager. With Bentley Hookups users can manage process and pneumatic instrument installation detail drawings, and generate parts lists and bills of materials. The module uses Microsoft Excel as its native format for deliverables and customization.

System Requirements

Software

AutoCAD 2014 (64 bit),
Microsoft Office 2010 Professional
(32 or 64 bit), Microsoft SQL Server
2008 R2 Enterprise Edition,
ORACLE 11g Release 2 (v11.2.0.3)

Processor

Intel Core i7, Intel Xeon,
AMD Phenom, or AMD Opteron

Operating System

Microsoft Windows 7 (64-bit)
Enterprise, Professional or
Ultimate Edition

Memory

8 GB (minimum) for Microsoft
Windows 7 (64-bit)

Graphics Card

1 GB Microsoft Direct3D-capable
workstation-class graphics card

Disk Space

2 GB available

Find out about Bentley
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Bentley Data Manager V8i At-A-Glance

Integrated Database

- Plant project database shared by multiple Bentley applications to support multidisciplinary and cross application design.
- Supports Microsoft Access, SQL Server Express, SQL Server, and Oracle.
- Data flows seamlessly between functional and physical design solutions
- Project data fully accessible, and can be used across all project disciplines
- Data consistency ensured
- Instant updates
- Data always up to date
- Microsoft Access macros to automate tasks

Import & Export Data

- Import legacy data at project startup
- Import and export data to and from third-party applications
- Support for MDB, XLS(X), TXT, DBF formats and ODBC data sources
- Export via user-defined views to control the exported data
- Import data from FEED solutions

User-friendly Interface

- Links to external databases via ODBC
- Field-level user access control
- Right-click data manipulation
- Tools for sorting, filtering, finding and replacing data
- Tools for adding, editing and deleting tags
- Multiple tag update
- Customizable Views
- Out-of-the-box multidiscipline views that are completely customizable
- SQL-based look-up table pick lists can be created

- Reference data from external sources
- All project data can be manipulated
- Microsoft Access query engine

Datasheets / Specification Sheets

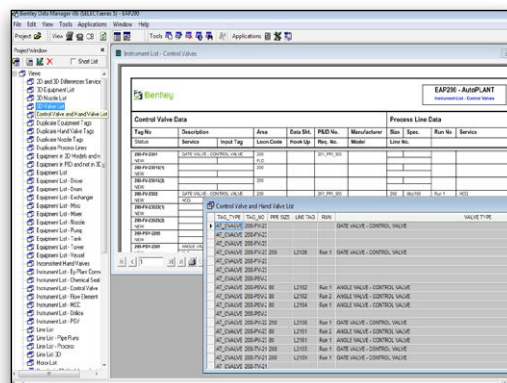
- Creates process, mechanical, instrument, and electrical Datasheets and Specification Sheets
- Features bulk datasheet creation
- Syncs automatically with project database
- Update via database or datasheet
- Provide third-party updates via Excel
- Synchronizes third-party updates with database
- User control over data synchronization
- Offers single- or multi-tag datasheets
- Changes highlighted on datasheet
- Datasheet creation directly from inside of ProjectWise through Document Code
- Seamless check in/out via ProjectWise V8i

Quick Report Generation

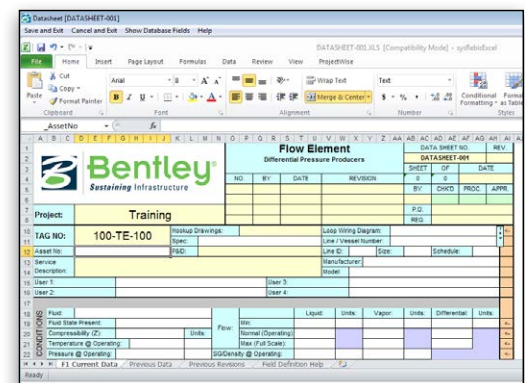
- Out-of-the-box multidiscipline reports that are completely customizable
- Creation of new project specific reports
- Reference data from external sources
- Microsoft Access reporting engine
- Remotely Update Project Reports

Hookups

- Integrated with Bentley Hookups V8i
- Creation of process or pneumatic instrument hookups
- Microsoft Excel (XLS and XLSX) format support
- Automatic synchronization with project database
- Generation of installation bill of materials



Includes pre-defined customizable views and reports.



Users can create datasheets within Bentley Data Manager.