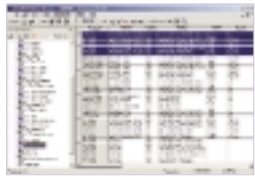


BENTLEY® AUTOPLANT® DATA MANAGER™

A powerful content management tool for plant project content



AutoPLANT Data Manager shares a common database among PIW applications.

Bentley® AutoPLANT® Data Manager™ is a powerful content management tool designed to automate the time-intensive tasks of managing plant data, creating reports and customizing project structures to meet unique user requirements. AutoPLANT Data Manager is part of Bentley's AutoPLANT product line of integrated plant design applications. All project data, including tag numbers, descriptions and component-specific properties, is shared between the AutoPLANT Instrumentation & Wiring, Datasheets, P&ID and Hookup Process and Instrumentation Workgroup (PIW) modules.

With AutoPLANT Data Manager, data flows seamlessly between applications, eliminating the 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.

Dynamic Data Input and Management

Data entered into any AutoPLANT process and instrumentation application can be viewed, manipulated and compiled into reports using Data Manager. Additions, deletions and modifications to data are dynamically updated in the project database, as well as reflected in the other process and instrumentation applications.

Diverse Functions

Powerful filter, query, sort and replace functions reduce the time-intensive tasks of searching for and modifying specific data. The Property Sheet function can dramatically reduce data entry tasks by allowing users to edit common data for multiple records.

Project Editor

AutoPLANT Data Manager can perform project schema modifications to tag formats and table structures. The Project Editor incorporates user and group configurations that can control both field- and application-level security.

Customized Views for Specific Requirements

View Designer and Microsoft® Access interfaces allow you to leverage your current knowledge of industry-standard software to create new views for P&ID components, data entry or for new report generation. This same easy-to-use design interface applies to all project platforms, including MSDE, SQL Server and Oracle®.

Datasheets

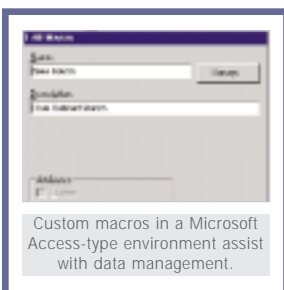
AutoPLANT Data Manager provides a link to the AutoPLANT Datasheets module to dynamically create datasheets from process, instrumentation and equipment data, such as tag numbers, process data and vendor data. The AutoPLANT Datasheets module utilizes Microsoft Excel as its native format for data storage and customization.

Hookups

AutoPLANT Hookups is an add-on module that allows users to access and manage instrument installation detail drawings and generate parts lists and bills of materials. The Hookups module uses Microsoft Excel as its native format for data storage and customization.

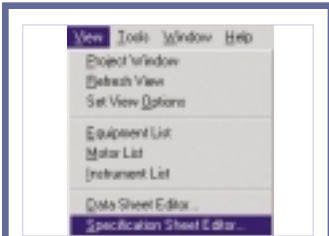


Unique reports for instrumentation, equipment, process lines, etc., are quickly created and stored.

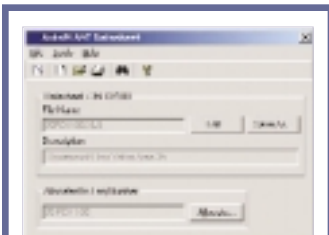


Custom macros in a Microsoft Access-type environment assist with data management.

BENTLEY AUTOPLANT DATA MANAGER AT-A-GLANCE



A project's data repository is dynamically linked to the specification sheets module.



Hookups allows quick access and management of instrumentation detail drawings.

Standard Interface

- Standard Windows®-based interface
- Support for Microsoft Access, MSDE, SQL Server and Oracle
- Links from external databases to the project environment using ODBC connections to external databases

Integrated Database

- Seamless data flow between AutoPLANT Process and Instrumentation Workgroup modules

Customized Views

- Predefined views
- Creation and modification of data and reports
- Generation of SQL-based pick lists
- Reference of data from external sources

Quick Report Generation

- Predefined reports
- Creation of custom reports for instrumentation process lines and valves
- Exportation of data in common formats: .XLS, .MDB, .DBF
- Exportation of data in printer-specific formats and text-only files

Macros

- Creation of custom macros in a Microsoft Access type environment
- Convenient bulk updates to existing data
- Deletion of obsolete data or batch print reports

Hookups

- Automatic generation of a hookup drawing for a single tag or multiple set of tag numbers
- Modification of existing hookup templates
- Creation of new profile templates

SYSTEM REQUIREMENTS

- Microsoft Excel must be installed on each user system prior to installation of Hookups
- Processor: Pentium® II 400mHz
- Operating System: Windows 98, 2000 or Windows NT® 4.0 SP6, Microsoft Office 97, 2000 or XP
- Memory: 128MB RAM (256MB recommended)
- Disk Space: 650MB (1GB recommended)

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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.

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

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