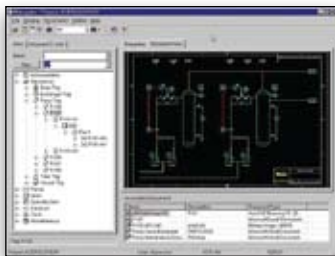




BENTLEY® VISION

TIMELY ACCESS TO ACCURATE PLANT DATA

Bentley® Vision is an engineering information management application that provides seamless access to critical plant information through a single, easy-to-use interface. With Vision's unique tag tree interface, plant personnel can quickly find and view plant data and documentation for any tag-numbered equipment or component. Users with the appropriate permission levels can launch the native application for editing and then save a revision-controlled copy of the document in Vision's document archive.



Vision presents data in an intuitive and easy-to-use interface.

Integrated Information Management

With Vision, you can easily access and manage the intelligent plant information stored in a project database. Data from functional and physical design are shared in a common, centralized database. Vision provides a powerful environment to visualize and manage the intelligent plant information without the need to run the native content creation application.

Vision provides a powerful environment to visualize and manage the intelligent plant information



Document and component properties are available for viewing and editing.

Tag-centered Approach to Data Access

Vision allows critical plant information to be accessed by a component's tag number. For each tagged item, you can quickly view the P&ID drawing containing the item and its online specification information, as well as access additional documents that reference the component.

Display Component Relationships

Vision provides a graphical display of the plant equipment hierarchy and the relationships between components. Selecting a vessel in the tag tree displays a list of nozzles and process lines connected to the vessel. Selecting one of the lines displays all branch connections and in-line components including valves and instrumentation. Selecting a specific drawing displays all tagged components within the drawing.

Life Cycle Management of Plant Data

Extend the value of your plant engineering data throughout the life cycle of your plant. Drawings and data completed for design and construction are available online to assist in the operations and maintenance of the facility.

Integration with External Data Sources

The Vision Add-Ins API makes it easy to integrate external data sources and applications directly into the Vision user interface. Any database that can be accessed through standard Visual Basic® data access tools can be displayed within Vision. Typical uses for the Add-Ins API include the integration of maintenance work order, inspection, inventory and document management data within the Vision interface.

Document Management

Built-in document management tools address the unique needs of the process industry. Documents stored in Vision and can be linked to any equipment or component record. The document archive maintains all documents under strict revision control, ensuring that the latest documents are available for viewing and printing. Built-in audit tracking maintains a permanent history of all document changes and the personnel that made the changes. Using the Add-Ins API, Vision can be integrated with enterprise document management systems including Documentum and FileNET.



Vision integrates with the other Bentley Plant solutions.

SYSTEM REQUIREMENTS

Processor:

Pentium® II 233 MHz

Operating System:

Windows® NT®4.0 Workstation, or 2000 Professional

RAM:

64MB (128MB recommended)

Hard Disk:

300MB

MS Access 2000

(Optional for viewing reports)

ABOUT BENTLEY

Bentley Systems, Incorporated is the global leader dedicated to providing comprehensive software solutions for sustaining infrastructure. Architects, engineers, constructors, and owner-operators are indispensable in improving our world and our quality of life; the company's mission is to improve the performance of their projects and of the assets they design, build, and operate. Bentley sustains the infrastructure professions by helping to leverage information technology, learning, best practices, and global collaboration – and by promoting careers devoted to this crucial work.

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BENTLEY VISION AT-A-GLANCE

Easy to Use

- Intuitive user interface for easy access to critical plant data and documents
- Powerful search capabilities for quick access to tagged component data and documents
- Graphic display of plant component hierarchy and relationships with the tag tree interface
- Ability to select a tag for the automatic display of the P&ID drawing in the built-in viewer, including zooming to the tagged component
- Automatic display of properties of the component and location within the tag tree, when used with Bentley P&ID
- Listing of associated documents that reference a tagged component, viewable in the Associated Documents window
- Embedded viewer automatically opens associated documents list
- Enabling of read-only access to Bentley Plant projects

AutoPLANT Application Integration

- Storage of Microsoft® Access data and documents in the shared project database
- Accessibility of AutoPLANT 2D schematic and 3D plant design data through a common interface
- Ability to launch design applications directly from the document interface
- Users with appropriate permission levels can edit component records
- Support for Microsoft Access, MSDE and SQL Server or Oracle® with scalable architecture
- Mass importation of legacy DWG and DXF files provided by Bentley Knowledge Manager integration

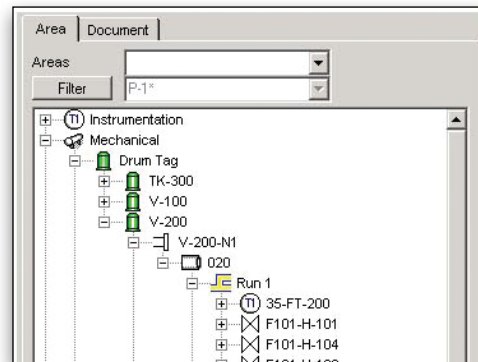
Document Management

- Storage of each file revision in document file archive
- History of all document revisions and user information with audit tracking

- Automatic extraction of title block data from DWG files
- Restriction of file and data access and edit rights by user or group

Add-Ins API

- Quick integration of external data sources and applications using Microsoft Visual Basic
- Display of maintenance, inspection, inventory and related data within the Vision interface



Use the tag view to examine data and open related drawings.



Only plant personnel with the appropriate permissions may checkout, update and archive an original document.