

# Bentley unveils ProjectWise V8 2004.

New version enables high-performance, multi-site collaboration for AEC project teams.

EXTON, PENNSYLVANIA, USA — Bentley Systems, Incorporated recently announced the unveiling of ProjectWise V8 2004 Edition, the latest release of the company's collaboration server. With its new capabilities, ProjectWise V8 2004 Edition enables high-performance, multi-site collaboration among AEC project teams performing distributed engineering (working on the same project in different locations, while sharing information over a network or the Internet).

In particular, new ProjectWise features include local caching and enhanced digital security for fast file access and secure workflows across distributed teams. These new capabilities apply to all ProjectWise core technologies or services, including document and content management, workflow management, content querying, distribution and lifecycle asset management.

"Today's business realities demand that more and more AEC projects operate globally," said Bhupinder Singh, Bentley Senior Vice President of Platform Products. "Managers must bring together the best talent from all corners of the world. ProjectWise V8, with its new caching and security technologies, offers high-performance collaboration on building, civil, geospatial, and plant projects."

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"This technology allows us to seamlessly connect the work of our 16 offices," said Jon Joseph, director of CADD services at Burgess & Niple, an engineering and architecture firm based in

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**Bhupinder Singh**

*Bentley Senior VP of Platform Products*

Columbus, Ohio. "Regardless of where our people are located, we can assemble the right team for any project."

Also, ProjectWise expands standardization opportunities provided by the newly released MicroStation V8 2004 Edition, extending these opportunities beyond the desktop to project teams performing distributed design and engineering.

Core technologies shared with MicroStation V8 — including digital

security, printing and publishing and customization — let organizations standardize a wide range of processes, including drafting and drawing, electronic delivery, proposal preparation and more. Standardization makes processes more uniform and repeatable, allowing for higher productivity, fewer errors and faster delivery. Finally, standardization leads to increased agility, reuse of AEC content and opportunities for new business.

#### Core technologies

Some of the core technologies or services specific to ProjectWise are:

**Document and Content Management:** Organizations can control document flow efficiently and automate document management, from production through storage, distribution, reuse and archiving. ProjectWise stores and manages all types of AEC project content including DGN, DWG and Adobe PDF files.

**Content Querying:** Users can search, query and navigate all AEC content in database-like fashion. This service works across projects and operations, and on structured and unstructured content. Users can produce project-wide reports and statistics, or create specific queries. ProjectWise searches distributed file servers and databases, not merely at the file and document level

but at the level of their contents. Users can query the intelligent relationships among components within a design, and follow intelligent links to related content such as change orders, specifications and bid documents.

**Workflow:** Organizations can manage document lifecycles from creation through approval. Users can define workflows, including ordered groups of milestones through which a document makes its way to completion. ProjectWise manages file operations for MicroStation, AutoCAD and many desktop applications, like Microsoft Office and some Adobe products, which are used during a project's lifecycle. ProjectWise V8 2004 Edition also features improved Web functionality that allows users on extended teams to review and redline project documents. Faster file access is also achieved with local file caching.

**Distribution:** Users can automate distribution of project documents on schedule or on demand. The service transforms content into standard digital delivery formats such as PDF and ensures that only authenticated team members have access. The orchestration of distribution jobs can be distributed among available servers on the network. This distribution system is powered by the optional incorporation of Bentley's publishing

servers, delivered as Digital InterPlot and Bentley Publisher, as ProjectWise services.

ProjectWise supports a managed environment for AEC IT. In a managed environment, valuable AEC information is confidently shared, synchronized, and secured;

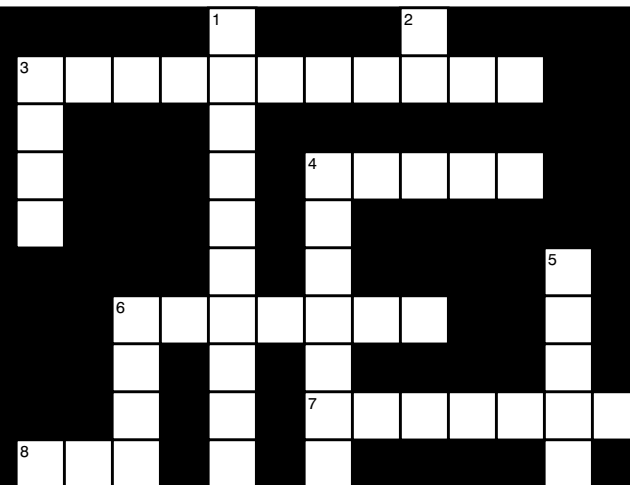
all data can be leveraged throughout an asset's life-cycle and on future projects. Fast-track projects can be managed better by ensuring that project teams can work on separate project tasks in parallel. And now, distributed design and engineering teams can

achieve high-performance collaboration across multiple sites.

For more information about ProjectWise V8 2004 Edition or other Bentley products, go to <http://www.bentley.com>.

**MST**

## Take the MicroStation Today Crossword Challenge



#### Down:

- Curved structure that converts the downward force of its own weight, and of any weight pressing down on top of it, into an outward force along its sides and base
- Key-in for selecting the active terminator
- Supported roadway on a bridge, or where the next batter warms up.
- Force that pulls on a material
- Type of 3D shading
- To divide an area, elements, or portions of elements in a design from the rest for manipulation or display

#### Across:

- "Type" of engineering; working on the same project in different locations
- Lifesaver-shaped 3D primitive
- Watertight chamber used to do work underwater
- In user commands, each \_\_\_\_\_ works with a specific operator to further specify an action to be taken by MicroStation
- Bird's eye view

Answers will be published in the next electronic issue of *MicroStation Today*. Good luck!

The answers to the August 2004 crossword challenge can be found online at [www.axiomint.com/news/august-2004-crossword.htm](http://www.axiomint.com/news/august-2004-crossword.htm).

## Get the latest version of Axiom productivity tools.

Below is a list of all products and current Windows versions. Call Axiom at +1-727-442-7774 to upgrade to the latest version of your product.

#### ActiveZ 1.0b<sup>v7</sup>

See your active depth graphically at all times!

#### CellManager 7.6a<sup>v7</sup> / 8.1a<sup>v8</sup>

Take control of your MicroStation cell libraries!

#### CellRandomizer 1.0c<sup>v7</sup>

Random MicroStation cell placement — automatically!

#### Design File Manager 7.0a<sup>v7</sup>

MicroStation file management made easy!

#### DgnCompare 3.2c<sup>v7</sup>

Quickly view design file differences!

#### Dual-screen Window Manager 4.1a<sup>v7 & v8</sup>

Eliminate dialog boxes split screens!

#### Duplicate Element Remover 3.3a<sup>v7</sup>

Remove duplicate and near-duplicate MicroStation elements automatically!

#### English-to-Metric 3.7a<sup>v7</sup>

Universal working units conversions

#### Fence Undelete 2.8a<sup>v7</sup>

Recover deleted MicroStation elements automatically!

#### FileFixer 7.8i<sup>v7</sup> / 8.4a<sup>v8</sup>

Fix any MicroStation file automatically!

#### Global File Changer 3.3.b<sup>v7</sup> / 8.0b<sup>v8</sup>

Make unlimited changes to multiple design files quickly and easily!

#### InstantDiskSpace 3.2e<sup>v7</sup>

More free disk space anytime a MicroStation user wants it!

#### Intersection Fixer 2.2b<sup>v7</sup>

Perfect MicroStation line intersections automatically!

#### KeyinMaster 1.0c<sup>v7</sup>

Create special key-in commands to control any MicroStation dialog box!

#### LearningCenter<sup>v7 & v8</sup>

Train MicroStation users for less!

#### Microsoft Office Importer 3.4b<sup>v7</sup> / 8.1b<sup>v8</sup>

Import *huge* quantities of spreadsheet and word processing data into MicroStation with exceptional formatting!

#### MicroStation Productivity Toolkit<sup>v7 & v8</sup>

Advanced MicroStation productivity tools!

#### Problem Element Viewer 3.2d<sup>v7</sup> / 8.1a<sup>v8</sup>

Graphically view the problem elements found by *FileFixer* or *EdG*!

#### RefFence 2.8b<sup>v7</sup>

Edit MicroStation reference file clipping boundaries after they're attached!

#### RefManager 4.6f<sup>v7</sup> / 8.0a<sup>v8</sup>

Solve any MicroStation reference file problem fast!

#### RefMerge 2.7a<sup>v7</sup> / 8.2a<sup>v8</sup>

Merge a design file and its reference files into a single file!

#### RenamePlus 4.2a<sup>v7</sup>

Rename any group of files using powerful character substitution commands!

#### RefWriter 2.0a<sup>v7</sup> / 8.0a<sup>v8</sup>

Write to any reference with the click of a mouse!

#### SafetyCheck 7.8h<sup>v7</sup>

Confirm your design files are corruption-free!

#### SequenceEditor 1.1d<sup>v7</sup> / 8.0b<sup>v8</sup>

Tired of losing MicroStation elements behind filled elements?

#### SpecChecker 6.3a<sup>v7</sup> / 8.0a<sup>v8</sup>

Perform quality assurance checks on your MicroStation files quickly and easily!

#### SpecManager 1.1a<sup>v7</sup> / 8.0a<sup>v8</sup>

Easily design with the right feature and right symbology!

#### SpecMonitor 6.2c<sup>v7</sup>

Standardize your MicroStation files as you create them!

#### SpellCheckerPlus 2.2a<sup>v7</sup> / 8.1a<sup>v8</sup>

The full-featured MicroStation spell checker!

#### Title Block Manager 1.3a<sup>v7</sup>

Automate batch changes to your title blocks!

#### Version Manager 3.1a<sup>v7</sup> / 8.1b<sup>v8</sup>

Retain past versions of MicroStation files automatically!

#### Walkinside<sup>v7 & v8</sup>

The MicroStation industry's premier 3D visualization tool